

```
In [1]: # this allows you to use "cd" in cells to change directories instead of requiring '
%automagic on
# override IPython's default %%bash to not buffer all output
from IPython.core.magic import register_cell_magic
@register_cell_magic
def bash(line, cell): get_ipython().system(cell)

# We are going to install kuibit, a Python package to post-process Cactus simulation
# We will install kuibit inside the Cactus directory. The main reason for this is to
# have a make easier to uninstall kuibit (you can just remove the Cactus folder).
import os, sys
os.environ["PYTHONUSERBASE"] = os.environ['HOME'] + "/Cactus/python"
sys.path.insert(1, f"{os.environ['PYTHONUSERBASE']}/lib/python{sys.version_info[0]}")
os.environ["OMPI_MCA_bt1"] = "^vader"
```

Automagic is ON, % prefix IS NOT needed for line magics.

```
In [2]: %%bash
[ -r ~etuser/Cactus.tar.gz ] && ! [ -d ~/Cactus ] && tar -xzf ~etuser/Cactus.tar.gz
```

```
In [3]: cd ~/

/home/anisha
/usr/lib/python3/dist-packages/IPython/core/magics/osm.py:393: UserWarning: using
bookmarks requires you to install the `pickleshare` library.
  bkms = self.shell.db.get('bookmarks', {})
/usr/lib/python3/dist-packages/IPython/core/magics/osm.py:417: UserWarning: using
dhist requires you to install the `pickleshare` library.
  self.shell.db['dhist'] = compress_dhist(dhist)[-100:]
```

```
In [4]: %%bash
curl -kLO https://raw.githubusercontent.com/gridaphobe/CRL/ET_2024_11/GetComponents
chmod a+x GetComponents

% Total      % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload  Total      Spent    Left  Speed
100   98k  100   98k    0     0  78417      0  0:00:01  0:00:01  --:--:--  78520
```

```
In [5]: %%bash
./GetComponents https://bitbucket.org/einsteintoolkit/manifest/raw/ET_2024_11/einst
```

Not updating existing components. If you want an update, re-run with --update

```
-----
Checking out module: par
  from repository: https://bitbucket.org/einsteintoolkit/einsteinexamples.git
  into: Cactus
-----
Checking out module: ExternalLibraries/RePrimAnd
  from repository: https://github.com/wokast/RePrimAnd.git
  into: Cactus/arrangements
-----
Checking out module: Numerical/AEILocalInterp
  from repository: https://bitbucket.org/cactuscode/numerical.git
  into: Cactus/arrangements
-----
Checking out module: ./POWER
  from repository: https://github.com/NCSAGravity/Gravitational_Waveform_Extractor.git
  into: Cactus/utils/Analysis
-----
Checking out module: CactusSgrid/DNSdata
  from repository: https://github.com/wofti/CactusSgrid.git
  into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/OpenCL
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-OpenCL
  into: Cactus/arrangements
-----
Checking out module: Fuka/KadathImporter
  from repository: https://bitbucket.org/fukaws/KadathImporter
  into: Cactus/arrangements
-----
Checking out module: CactusPUGHIO/IOHDF5
  from repository: https://bitbucket.org/cactuscode/cactuspughio.git
  into: Cactus/arrangements
-----
Checking out module: CactusPUGHIO/IOHDF5Util
  from repository: https://bitbucket.org/cactuscode/cactuspughio.git
  into: Cactus/arrangements
-----
Checking out module: .clang-format
  from repository: https://bitbucket.org/cactuscode/cactus.git
  into: Cactus
  as: flesh
-----
Checking out module: PITNullCode/NullConstr
  from repository: https://bitbucket.org/einsteintoolkit/pitnullcode.git
  into: Cactus/arrangements
-----
Checking out module: CactusIO/IOJpeg
  from repository: https://bitbucket.org/cactuscode/cactusio.git
  into: Cactus/arrangements
-----
Checking out module: CONTRIBUTORS
  from repository: https://bitbucket.org/cactuscode/cactus.git
  into: Cactus
  as: flesh
-----
Checking out module: COPYRIGHT
  from repository: https://bitbucket.org/cactuscode/cactus.git
  into: Cactus
  as: flesh
-----
Checking out module: doc
  from repository: https://bitbucket.org/cactuscode/cactus.git
```

into: Cactus  
as: flesh

-----  
Checking out module: lib  
from repository: <https://bitbucket.org/cactuscode/cactus.git>  
into: Cactus  
as: flesh

-----  
Checking out module: Makefile  
from repository: <https://bitbucket.org/cactuscode/cactus.git>  
into: Cactus  
as: flesh

-----  
Checking out module: README.md  
from repository: <https://bitbucket.org/cactuscode/cactus.git>  
into: Cactus  
as: flesh

-----  
Checking out module: src  
from repository: <https://bitbucket.org/cactuscode/cactus.git>  
into: Cactus  
as: flesh

-----  
Checking out module: ExternalLibraries/yaml\_cpp  
from repository: [https://github.com/EinsteinToolkit/ExternalLibraries-yaml\\_cpp](https://github.com/EinsteinToolkit/ExternalLibraries-yaml_cpp)  
into: Cactus/arrangements

-----  
Checking out module: ExternalLibraries/LAPACK  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-LAPACK>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullDecomp  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullEvolve  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullExact  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullGrid  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullInterp  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullNews  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullPsiInt  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements

-----  
Checking out module: PITTNullCode/NullSHRExtract  
from repository: <https://bitbucket.org/einsteintoolkit/pittnullcode.git>  
into: Cactus/arrangements  
-----

```
Checking out module: PITTNullCode/NullVars
  from repository: https://bitbucket.org/einsteintoolkit/pittnullcode.git
  into: Cactus/arrangements
-----
Checking out module: PITTNullCode/SphericalHarmonicDecomp
  from repository: https://bitbucket.org/einsteintoolkit/pittnullcode.git
  into: Cactus/arrangements
-----
Checking out module: PITTNullCode/SphericalHarmonicRecon
  from repository: https://bitbucket.org/einsteintoolkit/pittnullcode.git
  into: Cactus/arrangements
-----
Checking out module: PITTNullCode/SphericalHarmonicReconGen
  from repository: https://bitbucket.org/einsteintoolkit/pittnullcode.git
  into: Cactus/arrangements
-----
Checking out module: Proca/NPScalars_Proca
  from repository: https://bitbucket.org/canuda/Proca.git
  into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/OpenSSL
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-OpenSSL
  into: Cactus/arrangements
-----
Checking out module: Proca/ProcaBase
  from repository: https://bitbucket.org/canuda/Proca.git
  into: Cactus/arrangements
-----
Checking out module: Proca/ProcaEvolve
  from repository: https://bitbucket.org/canuda/Proca.git
  into: Cactus/arrangements
-----
Checking out module: Proca/Proca_simpleID
  from repository: https://bitbucket.org/canuda/Proca.git
  into: Cactus/arrangements
-----
Checking out module: Proca/TwoPunctures_KerrProca
  from repository: https://bitbucket.org/canuda/Proca.git
  into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/DistortedBHIVP
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.git
  into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/Exact
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.git
  into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/Hydro_InitExcision
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.git
  into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/Hydro_RNSID
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.git
  into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/IDAnalyticBH
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.git
  into: Cactus/arrangements
```

```

        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/IDAxibrillBH
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/IDAxioOddBrillBH
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/IDBrillData
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/IDConstraintViolate
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/IDFileADM
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/IDLinearWaves
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/Meudon_Bin_BH
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/Meudon_Bin_NS
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/Meudon_Mag_NS
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/NoExcision
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/ReadInterpolate
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/RotatingDBHIVP
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
        into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/TOVSolver
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g

```

```
it
    into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/TwoPunctures
  from repository: https://bitbucket.org/einsteintoolkit/einsteininitialdata.g
it
    into: Cactus/arrangements
-----
Checking out module: EinsteinEvolve/GRHydro
  from repository: https://bitbucket.org/einsteintoolkit/einsteinevolve.git
    into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/openPMD
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-openPM
D
    into: Cactus/arrangements
-----
Checking out module: EinsteinEvolve/GRHydro_InitData
  from repository: https://bitbucket.org/einsteintoolkit/einsteinevolve.git
    into: Cactus/arrangements
-----
Checking out module: EinsteinEvolve/NewRad
  from repository: https://bitbucket.org/einsteintoolkit/einsteinevolve.git
    into: Cactus/arrangements
-----
Checking out module: CactusConnect/HTTPD
  from repository: https://bitbucket.org/cactuscode/cactusconnect.git
    into: Cactus/arrangements
-----
Checking out module: CarpetX/Algo
  from repository: https://github.com/EinsteinToolkit/CarpetX
    into: Cactus/arrangements
-----
Checking out module: CactusConnect/HTTPDExtra
  from repository: https://bitbucket.org/cactuscode/cactusconnect.git
    into: Cactus/arrangements
-----
Checking out module: CactusConnect/Socket
  from repository: https://bitbucket.org/cactuscode/cactusconnect.git
    into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/Silo
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-Silo
    into: Cactus/arrangements
-----
Checking out module: Scalar/doc
  from repository: https://bitbucket.org/canuda/Scalar.git
    into: Cactus/arrangements
-----
Checking out module: CarpetX/PDESolvers
  from repository: https://github.com/EinsteinToolkit/CarpetX
    into: Cactus/arrangements
-----
Checking out module: CarpetX/PoissonX
  from repository: https://github.com/EinsteinToolkit/CarpetX
    into: Cactus/arrangements
-----
Checking out module: CarpetX/ADMBaseX
  from repository: https://github.com/EinsteinToolkit/CarpetX
    into: Cactus/arrangements
-----
Checking out module: CarpetX/Arith
  from repository: https://github.com/EinsteinToolkit/CarpetX
    into: Cactus/arrangements
```

-----  
Checking out module: CarpetX/BoxInBox  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/CarpetX  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/CarpetXRegrid  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/CoordinatesX  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/Derivs  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/ErrorEstimator  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/FluxWaveToyX  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/HydroBaseX  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/Loop  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/ODESolvers  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/SIMDWaveToyX  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/SpacetimeWaveToyX  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/StaggeredWaveToyX  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/TestArrayGroup  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/TestBoundaries  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements  
-----

Checking out module: CarpetX/TestBoxInBox  
from repository: <https://github.com/EinsteinToolkit/CarpetX>  
into: Cactus/arrangements

```
-----
Checking out module: CarpetX/TestDerivs
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TestInterpolate
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TestNorms
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TestODESolvers
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TestODESolvers2
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TestOutput
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TestProlongate
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TestSymmetries
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/TmunuBaseX
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: CarpetX/WaveToyX
  from repository: https://github.com/EinsteinToolkit/CarpetX
  into: Cactus/arrangements
-----
Checking out module: WWUThorns/Baikal
  from repository: https://bitbucket.org/zach_etienne/wwuthorns.git
  into: Cactus/arrangements
-----
Checking out module: Scalar/ScalarBase
  from repository: https://bitbucket.org/canuda/Scalar.git
  into: Cactus/arrangements
-----
Checking out module: Scalar/ScalarEvolve
  from repository: https://bitbucket.org/canuda/Scalar.git
  into: Cactus/arrangements
-----
Checking out module: Scalar/ScalarInit
  from repository: https://bitbucket.org/canuda/Scalar.git
  into: Cactus/arrangements
-----
Checking out module: Scalar/TwoPunctures_BBHSF
  from repository: https://bitbucket.org/canuda/Scalar.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/Accelerator
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
```



```
-----
Checking out module: WVUThorns/BaikalVacuum
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/Convert_to_HydroBase
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/FishboneMoncriefID
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/GiRaFFE
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/GiRaFFEfood
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/GiRaFFE_to_HydroBase
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/ID_converter_GiRaFFE
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/ID_converter_ILGRMHD
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/Seed_Magnetic_Fields
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: WVUThorns/ShiftedKerrSchild
  from repository: https://bitbucket.org/zach_etienne/wvuthorns.git
  into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/SGRID
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-SGRID
  into: Cactus/arrangements
-----
Checking out module: ./manifest
  from repository: https://bitbucket.org/einsteintoolkit/manifest.git
  into: Cactus
  as: manifest
-----
Checking out module: CactusUtils/OpenCLRunTime
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/Formaline
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/MemSpeed
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/NaN Catcher
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
```

```
into: Cactus/arrangements
-----
Checking out module: CactusUtils/NaNChecker
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/Nice
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/NoMPI
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/SystemStatistics
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/SystemTopology
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/TerminationTrigger
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/TimerReport
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/Trigger
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/Vectors
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusUtils/WatchDog
  from repository: https://bitbucket.org/cactuscode/cactusutils.git
  into: Cactus/arrangements
-----
Checking out module: CactusTest/TestAllTypes
  from repository: https://bitbucket.org/cactuscode/cactustest.git
  into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/pciutils
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-pciutils
  into: Cactus/arrangements
-----
Checking out module: CactusElliptic/EllPETSc
  from repository: https://bitbucket.org/cactuscode/cactuselliptic.git
  into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/hwloc
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-hwloc
  into: Cactus/arrangements
-----
Checking out module: GetComponentents
  from repository: https://github.com/gridaphobe/CRL.git
  into: Cactus/bin
-----
Checking out module: CactusTest/TestArrays
```

```
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestComplex
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestCoordinates
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestFortranCrayPointers
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestFortranDependencies1
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestFortranDependencies2
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestFpointerNULL
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestFreeF90
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestGlobalReduce
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestInclude1
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestInclude2
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestLoop
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestMath
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestMoL
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestPar
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestReadWrite
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestReduce
```

```
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestSchedule
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestStrings
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestTable
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestTimers
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: CactusTest/TestTypes
from repository: https://bitbucket.org/cactuscode/cactustest.git
into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/NRPyEllipticET
from repository: https://github.com/assumpcaothiago/NRPyElliptic.git
into: Cactus/arrangements
-----
Checking out module: CactusElliptic/TATPETSc
from repository: https://bitbucket.org/cactuscode/cactuselliptic.git
into: Cactus/arrangements
-----
Checking out module: CactusElliptic/EllBase
from repository: https://bitbucket.org/cactuscode/cactuselliptic.git
into: Cactus/arrangements
-----
Checking out module: CactusElliptic/EllSOR
from repository: https://bitbucket.org/cactuscode/cactuselliptic.git
into: Cactus/arrangements
-----
Checking out module: CactusElliptic/TATElliptic
from repository: https://bitbucket.org/cactuscode/cactuselliptic.git
into: Cactus/arrangements
-----
Checking out module: ./CoreDoc
from repository: https://bitbucket.org/cactuscode/coredoc.git
into: Cactus/arrangements/CactusDoc
as: CoreDoc
-----
Checking out module: CactusExamples/HelloWorldCUDA
from repository: https://bitbucket.org/cactuscode/cactusexamples.git
into: Cactus/arrangements
-----
Checking out module: EinsteinExact/doc
from repository: https://github.com/barrywardell/EinsteinExact.git
into: Cactus/arrangements
-----
Checking out module: CactusNumerical/Cartoon2D
from repository: https://bitbucket.org/cactuscode/cactusnumerical.git
into: Cactus/arrangements
-----
Checking out module: CactusExamples/HelloWorldOpenCL
from repository: https://bitbucket.org/cactuscode/cactusexamples.git
into: Cactus/arrangements
-----
```

```
Checking out module: CactusExamples/WaveToyOpenCL
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
-----
Checking out module: CactusExamples/DemoInterp
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
-----
Checking out module: CactusExamples/FleshInfo
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
-----
Checking out module: CactusExamples/HelloWorld
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
-----
Checking out module: CactusExamples/IDWaveMoL
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
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Checking out module: CactusExamples/Poisson
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
-----
Checking out module: CactusExamples/SampleBoundary
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
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Checking out module: CactusExamples/SampleIO
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
-----
Checking out module: CactusExamples/TimerInfo
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
-----
Checking out module: CactusExamples/WaveMoL
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
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Checking out module: CactusExamples/WaveToy1DF77
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
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Checking out module: CactusExamples/WaveToy2DF77
  from repository: https://bitbucket.org/cactuscode/cactusexamples.git
  into: Cactus/arrangements
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Checking out module: Fuka/KadathThorn
  from repository: https://bitbucket.org/fukaws/KadathThorn
  into: Cactus/arrangements
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Checking out module: EinsteinExact/m
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
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Checking out module: EinsteinExact/tests
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
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Checking out module: EinsteinExact/EinsteinExact_Test
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
-----
```

```
Checking out module: EinsteinExact/GaugeWave
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
-----
Checking out module: EinsteinExact/KerrSchild
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
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Checking out module: EinsteinExact/Minkowski
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
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Checking out module: EinsteinExact/ModifiedSchwarzschildBL
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
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Checking out module: EinsteinExact/ShiftedGaugeWave
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
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Checking out module: EinsteinExact/Vaidya2
  from repository: https://github.com/barrywardell/EinsteinExact.git
  into: Cactus/arrangements
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Checking out module: GRHayLET/TOVola
  from repository: https://github.com/dboyer7/TOVola.git
  into: Cactus/arrangements
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Checking out module: ExternalLibraries/OpenBLAS
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-OpenBLAS
  into: Cactus/arrangements
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Checking out module: ExternalLibraries/pthreads
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-pthreads
  into: Cactus/arrangements
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Checking out module: Llama/doc
  from repository: https://bitbucket.org/llamacode/llama.git
  into: Cactus/arrangements
-----
Checking out module: CactusNumerical/Dissipation
  from repository: https://bitbucket.org/cactuscode/cactusnumerical.git
  into: Cactus/arrangements
-----
Checking out module: CactusNumerical/InterpToArray
  from repository: https://bitbucket.org/cactuscode/cactusnumerical.git
  into: Cactus/arrangements
-----
Checking out module: CactusNumerical/LocalInterp
  from repository: https://bitbucket.org/cactuscode/cactusnumerical.git
  into: Cactus/arrangements
-----
Checking out module: CactusNumerical/LocalInterp2
  from repository: https://bitbucket.org/cactuscode/cactusnumerical.git
  into: Cactus/arrangements
-----
Checking out module: CactusNumerical/LocalReduce
  from repository: https://bitbucket.org/cactuscode/cactusnumerical.git
  into: Cactus/arrangements
-----
Checking out module: CactusNumerical/MoL
  from repository: https://bitbucket.org/cactuscode/cactusnumerical.git
```

into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/Noise  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/Norms  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/Periodic  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/ReflectionSymmetry  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/RotatingSymmetry180  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/RotatingSymmetry90  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/Slab  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/SlabTest  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/SpaceMask  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/SphericalSurface  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/SummationByParts  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

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Checking out module: CactusNumerical/TensorTypes  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusNumerical/TestLocalInterp2  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

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Checking out module: CactusNumerical/TestLocalReduce  
from repository: <https://bitbucket.org/cactuscode/cactusnumerical.git>  
into: Cactus/arrangements

-----  
Checking out module: ExternalLibraries/zlib  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-zlib>  
into: Cactus/arrangements

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Checking out module: GRHayL/GRHayLib  
from repository: <https://github.com/GRHayL/GRHayL.git>

into: Cactus/arrangements

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Checking out module: Llama/ADMDerivatives  
from repository: <https://bitbucket.org/llamacode/llama.git>  
into: Cactus/arrangements

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Checking out module: Llama/Coordinates  
from repository: <https://bitbucket.org/llamacode/llama.git>  
into: Cactus/arrangements

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Checking out module: Llama/CoordinatesSymmetry  
from repository: <https://bitbucket.org/llamacode/llama.git>  
into: Cactus/arrangements

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Checking out module: Llama/GlobalDerivative  
from repository: <https://bitbucket.org/llamacode/llama.git>  
into: Cactus/arrangements

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Checking out module: Llama/Interpolate2  
from repository: <https://bitbucket.org/llamacode/llama.git>  
into: Cactus/arrangements

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Checking out module: Llama/LlamaWaveToy  
from repository: <https://bitbucket.org/llamacode/llama.git>  
into: Cactus/arrangements

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Checking out module: Llama/WaveExtractL  
from repository: <https://bitbucket.org/llamacode/llama.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinUtils/SetMask\_SphericalSurface  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinutils.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinUtils/TGRtensor  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinutils.git>  
into: Cactus/arrangements

---

Checking out module: GRHayLET/GRHayLHD  
from repository: <https://github.com/GRHayL/GRHayLET.git>  
into: Cactus/arrangements

---

Checking out module: KrancNumericalTools/GenericFD  
from repository: <https://github.com/ianhinder/Kranc.git>  
into: Cactus/arrangements

---

Checking out module: GRHayLET/GRHayLHDX  
from repository: <https://github.com/GRHayL/GRHayLET.git>  
into: Cactus/arrangements

---

Checking out module: GRHayLET/GRHayLID  
from repository: <https://github.com/GRHayL/GRHayLET.git>  
into: Cactus/arrangements

---

Checking out module: GRHayLET/GRHayLIDX  
from repository: <https://github.com/GRHayL/GRHayLET.git>  
into: Cactus/arrangements

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Checking out module: GRHayLET/IllinoisGRMHD  
from repository: <https://github.com/GRHayL/GRHayLET.git>  
into: Cactus/arrangements

---

Checking out module: ExternalLibraries/ADIOS2  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-ADIOS2>



into: Cactus/arrangements

---

Checking out module: ExternalLibraries/PAPI  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-PAPI>  
into: Cactus/arrangements

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Checking out module: Carpet/doc  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/Carpet  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetEvolutionMask  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetIOASCII  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetIOBasic  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetIOHDF5  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetIOScalar  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetIntegrateTest  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetInterp  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetInterp2  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetLib  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/CarpetMask  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/CarpetProlongateTest  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/CarpetReduce  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/CarpetRegrid  
from repository: <https://github.com/einsteintoolkit/Carpet.git>

into: Cactus/arrangements

---

Checking out module: Carpet/CarpetRegrid2  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/CarpetRegridTest  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/CarpetSlab  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/CarpetTracker  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/CycleClock  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/HighOrderWaveTest  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/LoopControl  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/PeriodicCarpet  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/ReductionTest  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/ReductionTest2  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

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Checking out module: Carpet/ReductionTest3  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/RegridSyncTest  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/TestCarpetGridInfo  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/TestLoopControl  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: Carpet/Timers  
from repository: <https://github.com/einsteintoolkit/Carpet.git>  
into: Cactus/arrangements

---

Checking out module: ExternalLibraries/HDF5  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-HDF5>

into: Cactus/arrangements

---

Checking out module: EinsteinBase/ADMBase  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

---

Checking out module: CTThorns/CT\_Analytic  
from repository: <https://bitbucket.org/eloisa/ctthorns.git>  
into: Cactus/arrangements

---

Checking out module: McLachlan/doc  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinBase/ADMCoupling  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinBase/ADMMacros  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinBase/Constants  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinBase/CoordGauge  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinBase/EOS\_Base  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

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Checking out module: EinsteinBase/HydroBase  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinBase/StaticConformal  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

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Checking out module: EinsteinBase/TmunuBase  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinbase.git>  
into: Cactus/arrangements

---

Checking out module: CactusBase/Boundary  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

---

Checking out module: CTThorns/CT\_MultiLevel  
from repository: <https://bitbucket.org/eloisa/ctthorns.git>  
into: Cactus/arrangements

---

Checking out module: ExternalLibraries/PETSc  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-PETSc>  
into: Cactus/arrangements

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Checking out module: CactusBase/CartGrid3D  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

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Checking out module: CactusBase/CoordBase  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>

into: Cactus/arrangements

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Checking out module: CactusBase/Fortran  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

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Checking out module: CactusBase/InitBase  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

-----  
Checking out module: Lean/LeanBSSNMol  
from repository: [https://bitbucket.org/canuda/lean\\_public.git](https://bitbucket.org/canuda/lean_public.git)  
into: Cactus/arrangements

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Checking out module: CactusBase/IOASCII  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

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Checking out module: CactusBase/IOBasic  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

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Checking out module: CactusBase/IOUtil  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

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Checking out module: CactusBase/SymBase  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

-----  
Checking out module: CactusBase/Time  
from repository: <https://bitbucket.org/cactuscode/cactusbase.git>  
into: Cactus/arrangements

-----  
Checking out module: ExternalLibraries/GSL  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-GSL>  
into: Cactus/arrangements

-----  
Checking out module: McLachlan/m  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

-----  
Checking out module: McLachlan/par  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

-----  
Checking out module: McLachlan/ML\_WaveToy\_CL  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

-----  
Checking out module: McLachlan/ML\_ADMConstraints  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

-----  
Checking out module: McLachlan/ML\_ADMQuantities  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

-----  
Checking out module: McLachlan/ML\_BSSN  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

-----  
Checking out module: McLachlan/ML\_BSSN\_Helper  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>

into: Cactus/arrangements

---

Checking out module: McLachlan/ML\_BSSN\_Test  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

---

Checking out module: McLachlan/ML\_CCZ4  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

---

Checking out module: McLachlan/ML\_CCZ4\_Helper  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

---

Checking out module: McLachlan/ML\_CCZ4\_Test  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

---

Checking out module: McLachlan/ML\_WaveToy  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

---

Checking out module: McLachlan/ML\_WaveToy\_Test  
from repository: <https://bitbucket.org/einsteintoolkit/mclachlan.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinAnalysis/ADMAAnalysis  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

---

Checking out module: Lean/NPScalars  
from repository: [https://bitbucket.org/canuda/lean\\_public.git](https://bitbucket.org/canuda/lean_public.git)  
into: Cactus/arrangements

---

Checking out module: kuibit/docs  
from repository: <https://github.com/Sbozzolo/kuibit>  
into: Cactus/utils/Analysis

---

Checking out module: EinsteinAnalysis/ADMMass  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinAnalysis/AHFinder  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinAnalysis/AHFinderDirect  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinAnalysis/CalcK  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinAnalysis/EHFinder  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinAnalysis/Extract  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

---

Checking out module: EinsteinAnalysis/Hydro\_Analysis  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>

into: Cactus/arrangements

-----  
Checking out module: EinsteinAnalysis/Multipole  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

-----  
Checking out module: EinsteinAnalysis/Outflow  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

-----  
Checking out module: EinsteinAnalysis/PunctureTracker  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

-----  
Checking out module: EinsteinAnalysis/QuasiLocalMeasures  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

-----  
Checking out module: EinsteinAnalysis/WeylScal4  
from repository: <https://bitbucket.org/einsteintoolkit/einsteinanalysis.git>  
into: Cactus/arrangements

-----  
Checking out module: ExternalLibraries/LORENE2  
from repository: <https://bitbucket.org/einsteintoolkit/lorene.git>  
into: Cactus/arrangements  
as: LORENE2

-----  
Checking out module: EinsteinInitialData/FLRWSolver  
from repository: [https://github.com/hayleyjm/FLRWSolver\\_public](https://github.com/hayleyjm/FLRWSolver_public)  
into: Cactus/arrangements

-----  
Checking out module: SpacetimeX/NewRadX  
from repository: <https://github.com/EinsteinToolkit/SpacetimeX>  
into: Cactus/arrangements

-----  
Checking out module: ExternalLibraries/LORENE  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-LORENE>  
into: Cactus/arrangements

-----  
Checking out module: WWUThorns\_Diagnostics/particle\_tracerET  
from repository: [https://bitbucket.org/zach\\_etienne/wvuthorns\\_diagnostics.git](https://bitbucket.org/zach_etienne/wvuthorns_diagnostics.git)  
into: Cactus/arrangements

-----  
Checking out module: ExternalLibraries/libjpeg  
from repository: <https://github.com/EinsteinToolkit/ExternalLibraries-libjpeg>  
into: Cactus/arrangements

-----  
Checking out module: WWUThorns\_Diagnostics/smallbPoynET  
from repository: [https://bitbucket.org/zach\\_etienne/wvuthorns\\_diagnostics.git](https://bitbucket.org/zach_etienne/wvuthorns_diagnostics.git)  
into: Cactus/arrangements

-----  
Checking out module: WWUThorns\_Diagnostics/VolumeIntegrals\_GRMHD  
from repository: [https://bitbucket.org/zach\\_etienne/wvuthorns\\_diagnostics.git](https://bitbucket.org/zach_etienne/wvuthorns_diagnostics.git)  
into: Cactus/arrangements

-----  
Checking out module: WWUThorns\_Diagnostics/VolumeIntegrals\_vacuum  
from repository: [https://bitbucket.org/zach\\_etienne/wvuthorns\\_diagnostics.git](https://bitbucket.org/zach_etienne/wvuthorns_diagnostics.git)  
into: Cactus/arrangements

```
Checking out module: ExternalLibraries/MPI
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-MPI
  into: Cactus/arrangements
-----
Checking out module: CactusWave/IDScalarWave
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/IDScalarWaveC
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/IDScalarWaveCXX
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/IDScalarWaveElliptic
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/WaveBinarySource
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/WaveToyC
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/WaveToyCXX
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/WaveToyExtra
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/WaveToyF77
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/WaveToyF90
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: CactusWave/WaveToyFreeF90
  from repository: https://bitbucket.org/cactuscode/cactuswave.git
  into: Cactus/arrangements
-----
Checking out module: Cmake
  from repository: https://bitbucket.org/fukaws/fuka
  into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
Checking out module: ExternalLibraries/NSIMD
  from repository: https://github.com/EinsteinToolkit/ExternalLibraries-NSIMD
  into: Cactus/arrangements
-----
Checking out module: build_debug
  from repository: https://bitbucket.org/fukaws/fuka
  into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
Checking out module: build_release
  from repository: https://bitbucket.org/fukaws/fuka
```

```
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: codes
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: eos
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: include
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: install_par.sh
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: install_seq.sh
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: src
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: src_par
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: src_seq
      from repository: https://bitbucket.org/fukaws/fuka
        into: Cactus/arrangements/Fuka/KadathThorn/src/fuka/../../../../r
epos/KadathThorn/src/fuka
-----
    Checking out module: CactusPUGH/PUGH
      from repository: https://bitbucket.org/cactuscode/cactuspugh.git
        into: Cactus/arrangements
-----
    Checking out module: CactusPUGH/PUGHInterp
      from repository: https://bitbucket.org/cactuscode/cactuspugh.git
        into: Cactus/arrangements
-----
    Checking out module: CactusPUGH/PUGHReduce
      from repository: https://bitbucket.org/cactuscode/cactuspugh.git
        into: Cactus/arrangements
-----
    Checking out module: CactusPUGH/PUGHSlab
      from repository: https://bitbucket.org/cactuscode/cactuspugh.git
        into: Cactus/arrangements
-----
    Checking out module: EinsteinEOS/EOS_Hybrid
      from repository: https://bitbucket.org/einsteintoolkit/einsteineos.git
        into: Cactus/arrangements
-----
    Checking out module: EinsteinEOS/EOS_IdealFluid
```



```

    from repository: https://bitbucket.org/einsteintoolkit/einsteineos.git
    into: Cactus/arrangements
-----
Checking out module: EinsteinEOS/EOS_Omni
    from repository: https://bitbucket.org/einsteintoolkit/einsteineos.git
    into: Cactus/arrangements
-----
Checking out module: EinsteinEOS/EOS_Polytrope
    from repository: https://bitbucket.org/einsteintoolkit/einsteineos.git
    into: Cactus/arrangements
-----
Checking out module: EinsteinInitialData/NRPyPN
    from repository: https://github.com/zachetienne/nrpytutorial.git
    into: Cactus/arrangements
-----
Checking out module: ./ParameterFiles
    from repository: https://bitbucket.org/cactuscode/utilities.git
    into: Cactus/utils
-----
Checking out module: ExternalLibraries/BLAS
    from repository: https://github.com/EinsteinToolkit/ExternalLibraries-BLAS
    into: Cactus/arrangements
-----
Checking out module: ./Scripts
    from repository: https://bitbucket.org/cactuscode/utilities.git
    into: Cactus/utils
-----
Checking out module: ./Syntax
    from repository: https://bitbucket.org/cactuscode/utilities.git
    into: Cactus/utils
-----
Checking out module: ExternalLibraries/FFTW3
    from repository: https://github.com/EinsteinToolkit/ExternalLibraries-FFTW3
    into: Cactus/arrangements
-----
Checking out module: ExternalLibraries/AMReX
    from repository: https://github.com/EinsteinToolkit/ExternalLibraries-AMReX
    into: Cactus/arrangements
-----
Checking out module: kuibit/examples
    from repository: https://github.com/Sbozzolo/kuibit
    into: Cactus/utils/Analysis
-----
Checking out module: kuibit/kuibit
    from repository: https://github.com/Sbozzolo/kuibit
    into: Cactus/utils/Analysis
-----
Checking out module: kuibit/LICENSE
    from repository: https://github.com/Sbozzolo/kuibit
    into: Cactus/utils/Analysis
-----
Checking out module: kuibit/README.md
    from repository: https://github.com/Sbozzolo/kuibit
    into: Cactus/utils/Analysis
-----
368 components checked out successfully.
0 components updated successfully.

Time Elapsed: 2 minutes, 18 seconds

```

```
In [6]: ./GetComponents --update https://bitbucket.org/einsteintoolkit/manifest/raw/ET_2024
```

```
Cell In[6], line 1
```

```
./GetComponents --update https://bitbucket.org/einsteintoolkit/manifest/raw/ET_2024_11/einsteintoolkit.th
```

```
^
```

```
SyntaxError: invalid syntax
```

```
In [7]: %%bash
```

```
./GetComponents --update https://bitbucket.org/einsteintoolkit/manifest/raw/ET_2024
```

```
sh: 1: cd: can't cd to Cactus/repos/simfactory2
```

```
Warning: git::verify_url: URLs do not match. Stored URL: <bitbucket.org/simfactory/simfactory2.git>, current URL: <>
```

```
Error: The URL for ./simfactory has changed, please perform a clean checkout.
```

```
In [8]: %%bash
```

```
./GetComponents --update https://bitbucket.org/einsteintoolkit/manifest/raw/ET_2024
```

```
sh: 1: cd: can't cd to Cactus/repos/simfactory2
```

```
Warning: git::verify_url: URLs do not match. Stored URL: <bitbucket.org/simfactory/simfactory2.git>, current URL: <>
```

```
Error: The URL for ./simfactory has changed, please perform a clean checkout.
```

```
In [9]: rm -rf Cactus/repos/simfactory2
```

```
In [10]: %%bash
```

```
./GetComponents --update https://bitbucket.org/einsteintoolkit/manifest/raw/ET_2024
```

```
sh: 1: cd: can't cd to Cactus/repos/simfactory2
```

```
Warning: git::verify_url: URLs do not match. Stored URL: <bitbucket.org/simfactory/simfactory2.git>, current URL: <>
```

```
Error: The URL for ./simfactory has changed, please perform a clean checkout.
```

```
In [11]: %%bash
```

```
./GetComponents https://bitbucket.org/einsteintoolkit/manifest/raw/ET_2024_11/einst
```

```
Not updating existing components. If you want an update, re-run with --update
```

```
-----  
Checking out module: Scalar/doc  
  from repository: https://bitbucket.org/canuda/Scalar.git  
  into: Cactus/arrangements  
-----
```

```
1 components checked out successfully.
```

```
0 components updated successfully.
```

```
Time Elapsed: 0 minutes, 3 seconds
```

```
In [12]: cd ~/Cactus
```

```
/home/anisha/Cactus
```

```
In [13]: %%bash
```

```
./simfactory/bin/sim setup-silent
```

Here we will define some necessary Simulation Factory defaults.

Determining local machine name: ANISHA.

```
-----SUMMARY-----:
```

```
[default]
user      = anisha
email     = anisha
allocation = NO_ALLOCATION
sourcebasedir = /home/anisha/Cactus
basedir   = /home/anisha/simulations
```

```
-----END SUMMARY-----:
```

Contents successfully written to /home/anisha/Cactus/simfactory/etc/defs.local.ini

```
In [14]: %%bash
./simfactory/bin/sim build -j2 --thornlist thornlists/einsteintoolkit.th
```

```

Using configuration: sim
Warning: default thorn list contents have changed
Updated thorn list for configuration sim
Building sim
Cactus - version: 4.17.0
Building configuration sim
Processing CCL files
"my" variable $linkerdirs masks earlier declaration in same scope at /home/anisha/
Cactus/Cactus/repos/flesh/lib/sbin/CreateConfigurationBindings.pl line 201.
"my" variable $linkerlibs masks earlier declaration in same scope at /home/anisha/
Cactus/Cactus/repos/flesh/lib/sbin/CreateConfigurationBindings.pl line 202.
Reading ThornList...
Parsing configuration files...
  ADIOS2
    Provides:      ADIOS2
    Requires:      ADIOS2
    Optional:      MPI CUDA CMake
  ADMAnalysis
    Requires:      CartGrid3D
  ADMBase
    Requires:      CartGrid3D
  ADMBaseX
    Requires:      Loop
  ADMCoupling
  ADMDerivatives
    Requires thorns: SummationByParts
  ADMMacros
    Provides:      ADMMacros
  ADMMass
  AEILocalInterp
  AHFinder
    Requires:      CartGrid3D
  AHFinderDirect
    Requires:      SpaceMask
    Optional:      HDF5
  AMReX
    Provides:      AMReX
    Requires:      AMReX MPI
    Optional:      CMake
  Arith
    Provides:      Arith
    Optional:      NSIMD yaml_cpp
  BLAS
    Provides:      BLAS
  Baikal
  BaikalVacuum
  Boundary
    Provides:      Boundary
  BoxInBox
    Requires:      Loop
  CT_Analytic
    Requires:      GenericFD
    Optional:      LoopControl
  CT_MultiLevel
    Requires:      Carpet MPI
  Cactus
    Optional:      MPI
  CalcK
    Requires:      CartGrid3D Fortran
  Carpet
    Provides:      Carpet
    Requires:      CarpetLib IOUtil MPI Timers
    Optional:      LoopControl
  CarpetEvolutionMask

```

	Requires:	Carpet
CarpetIOASCII	Requires:	Carpet CarpetLib IOUtil
	Optional:	SDF
CarpetIOBasic	Requires:	Carpet CarpetLib IOUtil
CarpetIOHDF5	Provides:	CarpetIOHDF5
	Requires:	Carpet CarpetLib IOUtil HDF5
	Optional:	MPI rnpletal SDF
CarpetIOScalar	Requires:	Carpet CarpetLib IOUtil
CarpetIntegrateTest	Requires:	Carpet
CarpetInterp	Requires:	Carpet CarpetLib MPI
CarpetInterp2	Provides:	CarpetInterp2
	Requires:	Carpet CarpetLib
CarpetLib	Provides:	CarpetLib
	Requires:	MPI Vectors
	Optional:	Boost CycleClock LoopControl HRSCCore
CarpetMask	Optional:	LoopControl
CarpetProlongateTest	Requires:	Fortran
CarpetReduce	Requires:	Carpet CarpetLib MPI
	Optional:	LoopControl
CarpetRegrid	Requires:	Carpet CarpetLib
CarpetRegrid2	Requires:	Carpet CarpetLib
CarpetRegridTest		
CarpetSlab	Requires:	Carpet CarpetLib
CarpetTracker		
CarpetX	Provides:	CarpetX
	Requires:	AMReX IOUtil MPI yaml_cpp zlib Arith CarpetXRegrid L
oop	Optional:	ADIOS2 CUDA openPMD_api Silo
CarpetXRegrid	Provides:	CarpetXRegrid
	Requires:	AMReX Arith Loop
CartGrid3D	Provides:	CartGrid3D
	Requires:	CoordBase
Cartoon2D	Requires:	SpaceMask
Constants		
Convert_to_HydroBase		
CoordBase	Provides:	CoordBase
CoordGauge	Provides:	CoordGauge
Coordinates	Requires:	Carpet TensorTypes TGRtensor
CoordinatesSymmetry		
CoordinatesX	Requires:	Loop
CycleClock	Provides:	CycleClock

DNSdata	Requires:	MPI
DemoInterp		
Derivs	Provides:	Derivs
	Requires:	Arith Loop
Dissipation		
DistortedBHIVP		
EHFinder	Requires:	CartGrid3D
EOS_Base	Provides:	EOS_Base
EOS_Hybrid	Requires:	EOS_Base EOS_Polytrope
EOS_IdealFluid		
EOS_Omni	Provides:	EOS_Omni
	Requires:	HDF5
	Optional:	MPI
EOS_Polytrope	Provides:	EOS_Polytrope
	Requires:	EOS_Base
EinsteinExact_Test		
EllBase	Provides:	EllBase
EllSOR	Requires:	Boundary CartGrid3D
ErrorEstimator	Requires:	Loop
Exact	Requires:	CoordGauge
Extract		
FFTW3	Provides:	FFTW3
	Requires:	FFTW3
FLRWSolver	Requires:	FFTW3 SpaceMask
FishboneMoncriefID		
FleshInfo		
FluxWaveToyX	Requires:	Loop
Formaline	Optional:	MPI PTHREADS
Fortran	Provides:	Fortran
	Requires:	Fortran
GRHayLHD	Requires:	HDF5
GRHayLHDX	Requires:	HDF5 Loop
GRHayLID	Requires:	HDF5
GRHayLIDX	Requires:	HDF5 Loop
GRHayLib	Provides:	GRHayL
	Requires:	HDF5
GRHydro	Requires:	EOS_Omni Boundary CartGrid3D SpaceMask
	Optional:	EOS_Polytrope
	Optional-ifactive:	Carpet
GRHydro_InitData	Requires:	EOS_Omni Fortran
GSL		

	Provides:	GSL
	Requires:	GSL
GaugeWave		
	Requires:	GenericFD
	Optional:	LoopControl
GenericFD		
	Provides:	GenericFD
GiRaFFE		
	Provides:	GiRaFFE
	Requires:	Boundary CartGrid3D SpaceMask
GiRaFFE_to_HydroBase		
GiRaFFEFood		
	Provides:	GiRaFFEFood
	Requires:	Boundary CartGrid3D SpaceMask ShiftedKerrSchild GSL
GlobalDerivative		
	Requires:	SummationByParts
HDF5		
	Provides:	HDF5
	Requires:	HDF5 zlib
	Optional:	MPI
HTTPD		
	Provides:	HTTPD
	Requires:	SOCKET
	Optional:	MPI PTHREADS
HTTPDExtra		
	Requires:	HTTPD IOUTIL
	Optional:	MPI
HelloWorld		
HighOrderWaveTest		
HydroBase		
HydroBaseX		
	Requires:	Loop
Hydro_Analysis		
	Requires:	LoopControl
	Optional:	Fortran
Hydro_InitExcision		
Hydro_RNSID		
	Requires:	EOS_Base Boundary CartGrid3D SpaceMask HDF5
	Optional:	MPI
IDAnalyticBH		
IDAxibrillBH		
	Requires:	Fortran
IDAxiooddBrillBH		
IDBrillData		
	Requires:	CartGrid3D
IDConstraintViolate		
IDFileADM		
IDLinearWaves		
IDScalarWave		
IDScalarWaveC		
IDScalarWaveCXX		
IDScalarWaveElliptic		
IDWaveMoL		
ID_converter_GiRaFFE		
ID_converter_ILGRMHD		
IOASCII		
	Requires:	IOUtil
IOBasic		
	Requires:	IOUtil
IOHDF5		
	Requires:	IOHDF5Util HDF5 IOUtil PUGH
	Optional:	FlexIO SDF MPI
IOHDF5Util		
	Provides:	IOHDF5Util

	Requires:	PUGH IOUtil HDF5
	Optional:	MPI
IOJpeg	Requires:	libjpeg
IOUtil	Provides:	IOUTIL
IllinoisGRMHD	Requires:	HDF5 GRHayL
InitBase		
InterpToArray		
Interpolate2	Requires:	Carpet TGRtensor LAPACK LoopControl
	Requires thorns:	CarpetInterp2
KerrSchild	Requires:	GenericFD
	Optional:	LoopControl
LAPACK	Provides:	LAPACK
	Requires:	BLAS
LORENE	Provides:	LORENE
	Requires:	BLAS LAPACK GSL LORENE
LeanBSSNMol		
LlamaWaveToy	Requires:	Fortran TGRtensor LAPACK
LocalInterp		
LocalInterp2		
LocalReduce		
Loop	Provides:	Loop
	Requires:	AMReX Arith Loop
LoopControl	Provides:	LoopControl
	Optional:	CycleClock hwloc Vectors
ML_ADMConstraints	Requires:	GenericFD
	Optional:	LoopControl
ML_ADMQuantities	Requires:	GenericFD
	Optional:	LoopControl
ML_BSSN	Requires:	GenericFD LoopControl Vectors
ML_BSSN_Helper	Requires:	CartGrid3D CoordGauge
ML_BSSN_Test		
ML_CCZ4	Requires:	GenericFD LoopControl Vectors
ML_CCZ4_Helper	Requires:	CartGrid3D CoordGauge
ML_CCZ4_Test		
ML_WaveToy	Requires:	GenericFD LoopControl Vectors
ML_WaveToy_Test		
MPI	Provides:	MPI
	Requires:	MPI
	Optional:	hwloc
MemSpeed	Requires:	Vectors
	Optional:	MPI
Meudon_Bin_BH	Requires:	LORENE
Meudon_Bin_NS	Requires:	LORENE



Meudon_Mag_NS	
Requires:	LORENE
Minkowski	
Requires:	GenericFD
Optional:	LoopControl
MoL	
ModifiedSchwarzschildBL	
Requires:	GenericFD
Optional:	LoopControl
Multipole	
Optional:	HDF5
NPScalars	
NPScalars_Proca	
NRPyEllipticET	
Provides:	NRPyEllipticET
NSIMD	
Provides:	NSIMD
Requires:	NSIMD
Optional:	CMake
NaN Catcher	
NaNChecker	
Provides:	NaNChecker
NewRad	
Requires:	GenericFD
NewRadX	
Provides:	NewRadX
Requires:	CarpetX Loop
Nice	
NoExcision	
Optional-ifactive:	Carpet
NoMPI	
Optional:	MPI
Noise	
Norms	
NullConstr	
Provides:	NullConstr
Requires:	Fortran NullInterp NullGrid NullEvolve
NullDecomp	
Provides:	NullDecomp
NullEvolve	
Provides:	NullEvolve
Requires:	NullGrid NullInterp Fortran NullDecomp
NullExact	
Requires:	Fortran NullEvolve NullGrid NullInterp
NullGrid	
Provides:	NullGrid
Requires:	Fortran
NullInterp	
Provides:	NullInterp
Requires:	Fortran NullGrid
NullNews	
Provides:	NullNews
Requires:	MPI NullInterp NullGrid NullDecomp
NullPsiInt	
Requires:	Fortran NullNews NullGrid
NullSHRExtract	
Provides:	NullSHRExtraction
Requires:	Fortran NullEvolve NullInterp NullGrid NullDecomp
NullVars	
Provides:	NullVars
ODESolvers	
Requires:	AMReX CarpetX
OpenSSL	
Provides:	OpenSSL

Outflow		
PUGH	Provides:	PUGH
	Optional:	MPI Vectors
PUGHInterp	Requires:	PUGH
	Optional:	MPI
PUGHReduce	Requires:	PUGH
	Optional:	MPI
PUGHSlab	Requires:	PUGH
	Optional:	MPI
Periodic	Requires:	Slab
PeriodicCarpet	Requires:	Carpet CarpetLib
Poisson	Requires:	Boundary Carpet CartGrid3D TATelliptic
ProcaBase		
ProcaEvolve		
Proca_simpleID		
PunctureTracker		
QuasiLocalMeasures	Requires:	Boundary Fortran LAPACK TGRtensor
	Optional:	MPI
ReadInterpolate	Requires:	HDF5 Carpet IOUtil
ReductionTest		
ReductionTest2		
ReductionTest3		
ReflectionSymmetry		
RegridSyncTest		
RotatingDBHIVP		
RotatingSymmetry180	Requires:	Slab
RotatingSymmetry90	Requires:	Slab
SGRID	Provides:	SGRID
	Requires:	SGRID
SIMDWaveToyX	Requires:	Loop
SampleBoundary		
SampleIO	Requires:	IOUtil
ScalarBase		
ScalarEvolve		
ScalarInit		
Seed_Magnetic_Fields		
SetMask_SphericalSurface	Requires:	LoopControl
ShiftedGaugeWave	Requires:	GenericFD
	Optional:	LoopControl
ShiftedKerrSchild	Provides:	ShiftedKerrSchild
	Requires:	Boundary CartGrid3D
Silo	Provides:	Silo
	Requires:	Silo HDF5
	Optional:	MPI
Slab	Provides:	Slab

Optional:	LoopControl MPI
SlabTest	
Socket	
Provides:	SOCKET
SpaceMask	
Provides:	SpaceMask
Requires:	CartGrid3D
SpacetimeWaveToyX	
Requires:	Loop
SphericalHarmonicDecomp	
Requires:	HDF5 GSL
SphericalHarmonicRecon	
Requires:	HDF5 FFTW3 MPI
SphericalHarmonicReconGen	
Requires:	HDF5
SphericalSurface	
StaggeredWaveToyX	
Requires:	Loop
StaticConformal	
SummationByParts	
Provides:	SummationByParts
SymBase	
SystemStatistics	
SystemTopology	
Requires:	hwloc MPI
TATelliptic	
Provides:	TATelliptic
TGRtensor	
Provides:	TGRtensor
Requires:	LAPACK
TOVSolver	
Requires:	Boundary CartGrid3D SpaceMask
TOVola	
Requires:	HDF5 GSL
TensorTypes	
Provides:	TensorTypes
TerminationTrigger	
TestArrayGroup	
Provides:	TestArrayGroup
Requires:	Loop
TestArrays	
TestBoundaries	
Optional:	MPI
TestBoxInBox	
Requires:	Loop
TestCarpetGridInfo	
Requires:	Carpet
TestComplex	
TestCoordinates	
TestDerivs	
Requires:	Loop Derivs
TestFortranCrayPointers	
Requires:	Fortran
TestFortranDependencies1	
Requires:	TestFortranDependencies
TestFortranDependencies2	
Provides:	TestFortranDependencies
TestFpointerNULL	
TestFreeF90	
TestGlobalReduce	
TestInclude1	
TestInclude2	
TestInterpolate	
TestLocalInterp2	

TestLocalReduce	
TestLoop	
TestLoopControl	
Requires:	LoopControl
TestMath	
TestMoL	
TestNorms	
Requires:	Loop
TestODESolvers	
TestODESolvers2	
Requires:	Loop
TestOutput	
Requires:	Loop
TestPar	
TestProlongate	
Requires:	CarpetX
TestReadWrite	
TestReduce	
TestSchedule	
TestStrings	
TestSymmetries	
Requires:	Arith CarpetX Loop
TestTable	
TestTimers	
TestTypes	
Time	
TimerInfo	
TimerReport	
Optional:	MPI
Timers	
Provides:	Timers
Requires:	CarpetLib
TmunuBase	
TmunuBaseX	
Requires:	Loop
Trigger	
TwoPunctures	
Requires:	GSL
TwoPunctures_BBHSF	
Requires:	GSL
TwoPunctures_KerrProca	
Requires:	GSL
Vaidya2	
Requires:	GenericFD
Optional:	LoopControl
Vectors	
Provides:	Vectors
Requires:	Vectors
VolumeIntegrals_GRMHD	
VolumeIntegrals_vacuum	
WatchDog	
Requires:	PTHREADS
WaveBinarySource	
WaveExtractL	
Requires:	Carpet
Requires thorns:	ADMDerivatives NaNChecker
WaveMoL	
Requires:	CartGrid3D
WaveToy1DF77	
Requires:	Boundary
WaveToy2DF77	
Requires:	Boundary
WaveToyC	
Requires:	CartGrid3D

```

WaveToyCXX
  Requires:          CartGrid3D
WaveToyExtra
WaveToyF77
  Requires:          CartGrid3D
WaveToyF90
  Requires:          CartGrid3D
WaveToyFreeF90
  Requires:          CartGrid3D
WaveToyX
  Requires:          Loop
WeylScal4
  Requires:          GenericFD LoopControl Vectors
hwloc
  Provides:          hwloc
  Requires:          zlib hwloc
  Optional:          pciutils
libjpeg
  Provides:          libjpeg
openPMD
  Provides:          openPMD_api
  Requires:          openPMD_api
  Optional:          CMake HDF5 ADIOS2 MPI
particle_tracerET
pthreads
  Provides:          PTHREADS
  Requires:          PTHREADS
smallbPoynET
yaml_cpp
  Provides:          yaml_cpp
  Requires:          yaml_cpp
  Optional:          CMake
zlib
  Provides:          zlib
  Requires:          zlib
Parsing interface files...
ADIOS2
  Implements: ADIOS2
  0 Public, 0 Protected, 0 Private variable groups
ADMAAnalysis
  Implements: ADMAAnalysis
  Inherits:  ADMBase StaticConformal Grid ADMMacros
  7 Public, 0 Protected, 0 Private variable groups
ADMBase
  Implements: ADMBase
  Inherits:  grid
  10 Public, 0 Protected, 0 Private variable groups
ADMBaseX
  Implements: ADMBaseX
  10 Public, 0 Protected, 0 Private variable groups
ADMCoupling
  Implements: ADCoupling
  0 Public, 0 Protected, 0 Private variable groups
ADMDerivatives
  Implements: ADMDerivatives
  Inherits:  Coordinates ADMBase
  6 Public, 0 Protected, 0 Private variable groups
ADMMacros
  Implements: ADMMacros
  2 Public, 0 Protected, 0 Private variable groups
ADMMass
  Implements: ADMMass
  Inherits:  ADMBase ADMMacros StaticConformal SpaceMask
  0 Public, 0 Protected, 7 Private variable groups

```

AEILocalInterp  
     Implements: AEILocalInterp  
     0 Public, 0 Protected, 0 Private variable groups

AHFinder  
     Implements: AHFinder  
     Inherits: ADMBase StaticConformal SpaceMask Grid IO ADMMacros  
     7 Public, 0 Protected, 11 Private variable groups

AHFinderDirect  
     Implements: AHFinderDirect  
     Inherits: Grid ADMBase StaticConformal SpaceMask SphericalSurface IO  
     0 Public, 0 Protected, 6 Private variable groups

AMReX  
     Implements: AMReX  
     0 Public, 0 Protected, 0 Private variable groups

Arith  
     Implements: Arith  
     0 Public, 0 Protected, 0 Private variable groups

BLAS  
     Implements: BLAS  
     0 Public, 0 Protected, 0 Private variable groups

Baikal  
     Implements: Baikal  
     Inherits: ADMBase Boundary Grid TmunuBase  
     5 Public, 0 Protected, 0 Private variable groups

BaikalVacuum  
     Implements: BaikalVacuum  
     Inherits: ADMBase Boundary Grid  
     5 Public, 0 Protected, 0 Private variable groups

Boundary  
     Implements: boundary  
     0 Public, 0 Protected, 0 Private variable groups

BoxInBox  
     Implements: BoxInBox  
     Inherits: CarpetXRegrid  
     6 Public, 0 Protected, 0 Private variable groups

CT\_Analytic  
     Implements: CT\_Analytic  
     Inherits: Boundary GenericFD Grid  
     41 Public, 0 Protected, 0 Private variable groups

CT\_MultiLevel  
     Implements: CT\_MultiLevel  
     Inherits: Boundary Grid  
     0 Public, 0 Protected, 10 Private variable groups

Cactus  
     Implements: Cactus  
     0 Public, 0 Protected, 0 Private variable groups

CalcK  
     Implements: CalcK  
     Inherits: ADMBase StaticConformal  
     0 Public, 0 Protected, 4 Private variable groups

Carpet  
     Implements: Driver  
     0 Public, 0 Protected, 7 Private variable groups

CarpetEvolutionMask  
     Implements: CarpetEvolutionMask  
     3 Public, 0 Protected, 0 Private variable groups

CarpetIOASCII  
     Implements: IOASCII  
     0 Public, 0 Protected, 4 Private variable groups

CarpetIOBasic  
     Implements: IOBasic  
     Inherits: IO  
     0 Public, 0 Protected, 4 Private variable groups

CarpetIOHDF5

Implements: IOHDF5  
 0 Public, 0 Protected, 7 Private variable groups  
 CarpetIOScalar  
 Implements: IOScalar  
 0 Public, 0 Protected, 4 Private variable groups  
 CarpetIntegrateTest  
 Implements: CarpetIntegrateTest  
 Inherits: Reduce Grid Driver  
 0 Public, 0 Protected, 2 Private variable groups  
 CarpetInterp  
 Implements: interp  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetInterp2  
 Implements: interp2  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetLib  
 Implements: CarpetLib  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetMask  
 Implements: CarpetMask  
 Inherits: grid SphericalSurface  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetProlongateTest  
 Implements: CarpetProlongateTest  
 Inherits: grid  
 0 Public, 0 Protected, 7 Private variable groups  
 CarpetReduce  
 Implements: reduce  
 0 Public, 0 Protected, 5 Private variable groups  
 CarpetRegrid  
 Implements: CarpetRegrid  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetRegrid2  
 Implements: CarpetRegrid2  
 7 Public, 0 Protected, 7 Private variable groups  
 CarpetRegridTest  
 Implements: CarpetRegridTest  
 Inherits: grid  
 0 Public, 0 Protected, 2 Private variable groups  
 CarpetSlab  
 Implements: Hyperslab  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetTracker  
 Implements: CarpetTracker  
 Inherits: SphericalSurface CarpetRegrid2  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetX  
 Implements: Driver  
 0 Public, 0 Protected, 0 Private variable groups  
 CarpetXRegrid  
 Implements: CarpetXRegrid  
 2 Public, 0 Protected, 0 Private variable groups  
 CartGrid3D  
 Implements: grid  
 Inherits: coordbase  
 3 Public, 0 Protected, 0 Private variable groups  
 Cartoon2D  
 Implements: cartoon2d  
 0 Public, 0 Protected, 2 Private variable groups  
 Constants  
 Implements: Constants  
 0 Public, 0 Protected, 0 Private variable groups  
 Convert\_to\_HydroBase  
 Implements: Convert\_to\_HydroBase

0 Public, 0 Protected, 0 Private variable groups  
 CoordBase  
     Implements: CoordBase  
     0 Public, 0 Protected, 0 Private variable groups  
 CoordGauge  
     Implements: CoordGauge  
     2 Public, 0 Protected, 0 Private variable groups  
 Coordinates  
     Implements: Coordinates  
     Inherits: grid  
     11 Public, 0 Protected, 0 Private variable groups  
 CoordinatesSymmetry  
     Implements: CoordinatesSymmetry  
     0 Public, 0 Protected, 0 Private variable groups  
 CoordinatesX  
     Implements: CoordinatesX  
     4 Public, 0 Protected, 0 Private variable groups  
 CycleClock  
     Implements: CycleClock  
     0 Public, 0 Protected, 0 Private variable groups  
 DNSdata  
     Implements: DNSdata  
     Inherits: grid SummationByParts ADMBase HydroBase  
     0 Public, 0 Protected, 0 Private variable groups  
 DemoInterp  
     Implements: DemoInterp  
     0 Public, 0 Protected, 10 Private variable groups  
 Derivs  
     Implements: Derivs  
     0 Public, 0 Protected, 0 Private variable groups  
 Dissipation  
     Implements: Dissipation  
     Inherits: grid SphericalSurface SpaceMask  
     0 Public, 0 Protected, 2 Private variable groups  
 DistortedBHIVP  
     Implements: distortedbhivp  
     Inherits: ADMBase grid StaticConformal  
     0 Public, 0 Protected, 3 Private variable groups  
 EHFinder  
     Implements: ehfinder  
     Inherits: grid admbase coordgauge staticconformal spacemask boundary  
     0 Public, 0 Protected, 55 Private variable groups  
 EOS\_Base  
     Implements: EOS\_Base  
     0 Public, 0 Protected, 0 Private variable groups  
 EOS\_Hybrid  
     Implements: EOS\_Hybrid  
     Inherits: HydroBase EOS\_2d\_Polytrope  
     0 Public, 0 Protected, 2 Private variable groups  
 EOS\_IdealFluid  
     Implements: EOS\_Ideal\_Fluid  
     Inherits: EOS\_Base  
     0 Public, 0 Protected, 0 Private variable groups  
 EOS\_Omni  
     Implements: EOS\_Omni  
     0 Public, 0 Protected, 0 Private variable groups  
 EOS\_Polytrope  
     Implements: EOS\_2d\_Polytrope  
     Inherits: EOS\_Base  
     0 Public, 0 Protected, 0 Private variable groups  
 EinsteinExact\_Test  
     Implements: EinsteinExact\_Test  
     0 Public, 0 Protected, 0 Private variable groups  
 EllBase



```

        Implements: ellbase
        0 Public, 0 Protected, 0 Private variable groups
E11SOR
        Implements: ellsor
        Inherits: ellbase boundary
        0 Public, 0 Protected, 0 Private variable groups
ErrorEstimator
        Implements: ErrorEstimator
        Inherits: CarpetXRegrid
        0 Public, 0 Protected, 0 Private variable groups
Exact
        Implements: exact
        Inherits: admbase grid coordgauge staticconformal
        0 Public, 3 Protected, 4 Private variable groups
Extract
        Implements: extract
        Inherits: grid ADMBase staticconformal io
        0 Public, 0 Protected, 2 Private variable groups
FFTW3
        Implements: FFTW3
        0 Public, 0 Protected, 0 Private variable groups
FLRWSolver
        Implements: FLRWSolver
        Inherits: HydroBase EOS_Omni ADMBase Constants StaticConformal CoordBa
se
        0 Public, 0 Protected, 0 Private variable groups
FishboneMoncriefID
        Implements: FishboneMoncriefID
        Inherits: admbase grid hydrobase
        0 Public, 0 Protected, 0 Private variable groups
FleshInfo
        Implements: FleshInfo
        0 Public, 0 Protected, 0 Private variable groups
FluxWaveToyX
        Implements: FluxWaveToyX
        0 Public, 0 Protected, 9 Private variable groups
Formaline
        Implements: Formaline
        0 Public, 0 Protected, 0 Private variable groups
Fortran
        Implements: Fortran
        0 Public, 0 Protected, 0 Private variable groups
GRHayLHD
        Implements: GRHayLHD
        Inherits: ADMBase Tmunubase HydroBase GRHayLib
        0 Public, 0 Protected, 13 Private variable groups
GRHayLHDX
        Implements: GRHayLHDX
        Inherits: ADMBaseX TmunubaseX HydroBaseX GRHayLib
        0 Public, 0 Protected, 22 Private variable groups
GRHayLID
        Implements: GRHayLID
        Inherits: GRHayLib Grid HydroBase
        0 Public, 0 Protected, 0 Private variable groups
GRHayLIDX
        Implements: GRHayLIDX
        Inherits: GRHayLib HydroBaseX
        0 Public, 0 Protected, 0 Private variable groups
GRHayLib
        Implements: GRHayLib
        0 Public, 0 Protected, 0 Private variable groups
GRHydro
        Implements: GRHydro
        Inherits: ADMBase Boundary SpaceMask Tmunubase HydroBase

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    53 Public, 0 Protected, 39 Private variable groups
GRHydro_InitData
    Implements: GRHydro_init_data
    Inherits: GRHydro grid EOS_Omni
    0 Public, 4 Protected, 2 Private variable groups
GSL
    Implements: GSL
    0 Public, 0 Protected, 0 Private variable groups
GaugeWave
    Implements: GaugeWave
    Inherits: admbase Boundary GenericFD Grid
    7 Public, 0 Protected, 0 Private variable groups
GenericFD
    Implements: GenericFD
    0 Public, 0 Protected, 3 Private variable groups
GiRaFFE
    Implements: GiRaFFE
    Inherits: ADMBase Boundary SpaceMask Tmunubase HydroBase grid
    9 Public, 0 Protected, 11 Private variable groups
GiRaFFE_to_HydroBase
    Implements: GiRaFFE_to_HydroBase
    Inherits: grid HydroBase ADMBase GiRaFFE
    0 Public, 0 Protected, 0 Private variable groups
GiRaFFEFood
    Implements: GiRaFFEFood
    Inherits: HydroBase ADMBase Boundary SpaceMask grid GiRaFFE ShiftedKer
rSchild
    0 Public, 7 Protected, 0 Private variable groups
GlobalDerivative
    Implements: GlobalDerivative
    Inherits: grid SummationByParts Coordinates
    0 Public, 0 Protected, 0 Private variable groups
HDF5
    Implements: HDF5
    0 Public, 0 Protected, 0 Private variable groups
HTTPD
    Implements: HTTPD
    Inherits: Socket
    0 Public, 0 Protected, 0 Private variable groups
HTTPDExtra
    Implements: http_utils
    0 Public, 0 Protected, 0 Private variable groups
HelloWorld
    Implements: helloworld
    0 Public, 0 Protected, 0 Private variable groups
HighOrderWaveTest
    Implements: HighOrderWaveTest
    0 Public, 0 Protected, 0 Private variable groups
HydroBase
    Implements: HydroBase
    Inherits: InitBase
    14 Public, 0 Protected, 0 Private variable groups
HydroBaseX
    Implements: HydroBaseX
    12 Public, 0 Protected, 0 Private variable groups
Hydro_Analysis
    Implements: Hydro_Analysis
    Inherits: Grid HydroBase ADMBase
    10 Public, 0 Protected, 6 Private variable groups
Hydro_InitExcision
    Implements: Hydro_InitExcision
    Inherits: HydroBase Grid SpaceMask
    0 Public, 0 Protected, 0 Private variable groups
Hydro_RNSID

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```

        Implements: hydro_rnsid
        Inherits:  ADMBase HydroBase
        0 Public, 0 Protected, 0 Private variable groups
IDAnalyticBH
        Implements: idanalyticbh
        Inherits:  ADMBase StaticConformal Grid
        0 Public, 0 Protected, 0 Private variable groups
IDAxiBrillBH
        Implements: idaxibrillbh
        Inherits:  ADMBase grid StaticConformal
        0 Public, 0 Protected, 0 Private variable groups
IDAxiOddBrillBH
        Implements: axiodd
        Inherits:  ADMBase grid StaticConformal
        0 Public, 0 Protected, 3 Private variable groups
IDBrillData
        Implements: IDBrillData
        Inherits:  grid ADMBase StaticConformal ellbase
        0 Public, 0 Protected, 3 Private variable groups
IDConstraintViolate
        Implements: idconstraintviolate
        Inherits:  admbase grid
        0 Public, 0 Protected, 0 Private variable groups
IDFileADM
        Implements: IDFileADM
        Inherits:  ADMBase StaticConformal IO
        0 Public, 0 Protected, 0 Private variable groups
IDLinearWaves
        Implements: idlinearwaves
        Inherits:  ADMBase StaticConformal Grid
        0 Public, 0 Protected, 0 Private variable groups
IDScalarWave
        Implements: idscalarwave
        Inherits:  wavetoy grid
        0 Public, 0 Protected, 0 Private variable groups
IDScalarWaveC
        Implements: idscalarwave
        Inherits:  wavetoy grid
        0 Public, 0 Protected, 0 Private variable groups
IDScalarWaveCXX
        Implements: idscalarwave
        Inherits:  wavetoy grid
        0 Public, 0 Protected, 0 Private variable groups
IDScalarWaveElliptic
        Implements: IDScalarWaveElliptic
        Inherits:  Grid WaveToy EllBase IDScalarWave
        0 Public, 0 Protected, 3 Private variable groups
IDWaveMoL
        Implements: idwavemol
        Inherits:  wavemol grid
        0 Public, 0 Protected, 0 Private variable groups
ID_converter_GiRaFFE
        Implements: ID_converter_GiRaFFE
        Inherits:  ADMBase Boundary SpaceMask Tmunubase HydroBase grid GiRaFFE
        0 Public, 0 Protected, 0 Private variable groups
ID_converter_ILGRMHD
        Implements: ID_converter_ILGRMHD
        0 Public, 0 Protected, 0 Private variable groups
IOASCII
        Implements: IOASCII
        0 Public, 0 Protected, 0 Private variable groups
IOBasic
        Implements: IOBasic
        Inherits:  IO

```

0 Public, 0 Protected, 3 Private variable groups  
 IOHDF5  
 Implements: IOHDF5  
 0 Public, 0 Protected, 0 Private variable groups  
 IOHDF5Util  
 Implements: IOHDF5Util  
 Inherits: IO  
 0 Public, 0 Protected, 0 Private variable groups  
 IOJpeg  
 Implements: IOJpeg  
 Inherits: IO  
 0 Public, 0 Protected, 0 Private variable groups  
 IOUtil  
 Implements: IO  
 0 Public, 0 Protected, 0 Private variable groups  
 IllinoisGRMHD  
 Implements: IllinoisGRMHD  
 Inherits: ADMBase Tmunubase HydroBase GRHayLib  
 0 Public, 0 Protected, 25 Private variable groups  
 InitBase  
 Implements: InitBase  
 0 Public, 0 Protected, 0 Private variable groups  
 InterpToArray  
 Implements: InterpToArray  
 8 Public, 0 Protected, 0 Private variable groups  
 Interpolate2  
 Implements: Interpolate  
 Inherits: Coordinates grid  
 2 Public, 0 Protected, 2 Private variable groups  
 KerrSchild  
 Implements: KerrSchild  
 Inherits: admbase Boundary GenericFD Grid  
 7 Public, 0 Protected, 0 Private variable groups  
 LAPACK  
 Implements: LAPACK  
 0 Public, 0 Protected, 0 Private variable groups  
 LORENE  
 Implements: LORENE  
 0 Public, 0 Protected, 0 Private variable groups  
 LeanBSSNMOL  
 Implements: LeanBSSNMOL  
 Inherits: ADMBase TmunuBase Boundary CoordGauge  
 15 Public, 0 Protected, 0 Private variable groups  
 LlamaWaveToy  
 Implements: LlamaWaveToy  
 Inherits: grid Coordinates GlobalDerivative SummationByParts Interpolate  
 0 Public, 0 Protected, 23 Private variable groups  
 LocalInterp  
 Implements: LocalInterp  
 0 Public, 0 Protected, 0 Private variable groups  
 LocalInterp2  
 Implements: LocalInterp  
 0 Public, 0 Protected, 0 Private variable groups  
 LocalReduce  
 Implements: LocalReduce  
 0 Public, 0 Protected, 0 Private variable groups  
 Loop  
 Implements: Loop  
 0 Public, 0 Protected, 0 Private variable groups  
 LoopControl  
 Implements: LoopControl  
 Inherits: CycleClock  
 0 Public, 0 Protected, 0 Private variable groups

ML\_ADMConstraints  
     Implements: ML\_ADMConstraints  
     Inherits: ADMBase Boundary GenericFD Grid TmunuBase  
             3 Public, 0 Protected, 0 Private variable groups

ML\_ADMQuantities  
     Implements: ML\_ADMQuantities  
     Inherits: ADMBase Boundary GenericFD Grid ML\_BSSN TmunuBase  
             3 Public, 0 Protected, 0 Private variable groups

ML\_BSSN  
     Implements: ML\_BSSN  
     Inherits: ADMBase Boundary GenericFD Grid TmunuBase  
             24 Public, 0 Protected, 0 Private variable groups

ML\_BSSN\_Helper  
     Implements: ML\_BSSN\_Helper  
     Inherits: ADMBase CoordGauge ML\_BSSN  
             0 Public, 0 Protected, 0 Private variable groups

ML\_BSSN\_Test  
     Implements: ML\_BSSN\_Test  
             0 Public, 0 Protected, 0 Private variable groups

ML\_CCZ4  
     Implements: ML\_CCZ4  
     Inherits: ADMBase Boundary GenericFD Grid TmunuBase  
             26 Public, 0 Protected, 0 Private variable groups

ML\_CCZ4\_Helper  
     Implements: ML\_CCZ4\_Helper  
     Inherits: ADMBase CoordGauge ML\_CCZ4  
             0 Public, 0 Protected, 0 Private variable groups

ML\_CCZ4\_Test  
     Implements: ML\_BSSN\_Test  
             0 Public, 0 Protected, 0 Private variable groups

ML\_WaveToy  
     Implements: ML\_WaveToy  
     Inherits: Boundary GenericFD Grid  
             6 Public, 0 Protected, 0 Private variable groups

ML\_WaveToy\_Test  
     Implements: ML\_WaveToy\_Test  
             0 Public, 0 Protected, 0 Private variable groups

MPI  
     Implements: MPI  
             0 Public, 0 Protected, 0 Private variable groups

MemSpeed  
     Implements: MemSpeed  
             0 Public, 0 Protected, 0 Private variable groups

Meudon\_Bin\_BH  
     Implements: ID\_Bin\_BH  
     Inherits: grid SummationByParts ADMBase  
             0 Public, 0 Protected, 0 Private variable groups

Meudon\_Bin\_NS  
     Implements: Meudon\_Bin\_NS  
     Inherits: grid SummationByParts ADMBase HydroBase  
             2 Public, 0 Protected, 0 Private variable groups

Meudon\_Mag\_NS  
     Implements: ID\_Mag\_NS  
     Inherits: grid ADMBase HydroBase  
             0 Public, 0 Protected, 0 Private variable groups

Minkowski  
     Implements: Minkowski  
     Inherits: admbase Boundary GenericFD Grid  
             7 Public, 0 Protected, 0 Private variable groups

MoL  
     Implements: MethodOfLines  
             0 Public, 0 Protected, 10 Private variable groups

ModifiedSchwarzschildBL  
     Implements: ModifiedSchwarzschildBL

```

    Inherits:  admbase Boundary GenericFD Grid
              7 Public, 0 Protected, 0 Private variable groups
Multipole
    Implements: multipole
    Inherits:  Grid
              6 Public, 0 Protected, 0 Private variable groups
NPScalars
    Implements: NPScalars
    Inherits:  ADMBase
              0 Public, 0 Protected, 3 Private variable groups
NPScalars_Proca
    Implements: NPScalars_Proca
    Inherits:  ADMBase ProcaBase
              0 Public, 0 Protected, 9 Private variable groups
NRPyEllipticET
    Implements: NRPyEllipticET
    Inherits:  ADMBase Grid
              0 Public, 0 Protected, 2 Private variable groups
NSIMD
    Implements: NSIMD
              0 Public, 0 Protected, 0 Private variable groups
NaNCatcher
    Implements: NaNCatcher
              0 Public, 0 Protected, 0 Private variable groups
NaNChecker
    Implements: NaNChecker
    Inherits:  Reduce
              0 Public, 0 Protected, 4 Private variable groups
NewRad
    Implements: NewRad
              0 Public, 0 Protected, 0 Private variable groups
NewRadX
    Implements: NewRadX
              0 Public, 0 Protected, 0 Private variable groups
Nice
    Implements: nice
              0 Public, 0 Protected, 0 Private variable groups
NoExcision
    Implements: NoExcision
    Inherits:  ADMBase StaticConformal grid SphericalSurface Boundary
              0 Public, 0 Protected, 17 Private variable groups
NoMPI
    Implements: NoMPI
              0 Public, 0 Protected, 0 Private variable groups
Noise
    Implements: Noise
    Inherits:  grid
              0 Public, 0 Protected, 0 Private variable groups
Norms
    Implements: Norms
              0 Public, 0 Protected, 7 Private variable groups
NullConstr
    Implements: NullConstr
    Inherits:  NullGrid NullVars NullInterp
              10 Public, 0 Protected, 0 Private variable groups
NullDecomp
    Implements: NullDecomp
    Inherits:  NullGrid
              0 Public, 0 Protected, 3 Private variable groups
NullEvolve
    Implements: NullEvolve
    Inherits:  NullInterp NullGrid NullVars Time
    Friend of: NullSHRExtract
              0 Public, 0 Protected, 8 Private variable groups

```

NullExact  
     Implements: NullExact  
     Inherits: NullVars NullGrid NullNews NullConstr NullInterp NullEvolve  
     Friend of: NullSHRExtract  
     0 Public, 0 Protected, 38 Private variable groups

NullGrid  
     Implements: NullGrid  
     11 Public, 0 Protected, 0 Private variable groups

NullInterp  
     Implements: NullInterp  
     Inherits: NullGrid  
     5 Public, 0 Protected, 2 Private variable groups

NullNews  
     Implements: NullNews  
     Inherits: NullGrid NullVars NullInterp  
     19 Public, 0 Protected, 8 Private variable groups

NullPsiInt  
     Implements: NullPsiInt  
     Inherits: NullVars NullGrid NullNews NullInterp NullEvolve  
     4 Public, 0 Protected, 5 Private variable groups

NullSHRExtract  
     Implements: NullSHRExtract  
     Inherits: NullInterp NullGrid NullVars  
     9 Public, 21 Protected, 28 Private variable groups

NullVars  
     Implements: NullVars  
     5 Public, 0 Protected, 0 Private variable groups

ODESolvers  
     Implements: ODESolvers  
     0 Public, 0 Protected, 0 Private variable groups

OpenSSL  
     Implements: OpenSSL  
     0 Public, 0 Protected, 0 Private variable groups

Outflow  
     Implements: outflow  
     Inherits: ADMBase HydroBase SphericalSurface  
     0 Public, 0 Protected, 6 Private variable groups

PUGH  
     Implements: Driver  
     0 Public, 0 Protected, 0 Private variable groups

PUGHInterp  
     Implements: Interp  
     0 Public, 0 Protected, 0 Private variable groups

PUGHReduce  
     Implements: Reduce  
     0 Public, 0 Protected, 0 Private variable groups

PUGHSlab  
     Implements: Hyperslab  
     0 Public, 0 Protected, 0 Private variable groups

Periodic  
     Implements: Periodic  
     0 Public, 0 Protected, 0 Private variable groups

PeriodicCarpet  
     Implements: PeriodicCarpet  
     Inherits: grid  
     0 Public, 0 Protected, 0 Private variable groups

Poisson  
     Implements: Poisson  
     Inherits: boundary grid  
     0 Public, 0 Protected, 3 Private variable groups

ProcaBase  
     Implements: ProcaBase  
     5 Public, 0 Protected, 0 Private variable groups

ProcaEvolve

```

        Implements: ProcaEvolve
        Inherits:  ADMBase Tmunubase ProcaBase Boundary
        0 Public, 0 Protected, 8 Private variable groups
Proca_simpleID
        Implements: Proca_simpleID
        Inherits:  ADMBase grid ProcaBase
        0 Public, 0 Protected, 0 Private variable groups
PunctureTracker
        Implements: PunctureTracker
        Inherits:  ADMBase CarpetRegrid2 SphericalSurface
        0 Public, 0 Protected, 4 Private variable groups
QuasiLocalMeasures
        Implements: QuasiLocalMeasures
        Inherits:  ADMBase SphericalSurface TmunuBase
        0 Public, 0 Protected, 24 Private variable groups
ReadInterpolate
        Implements: ReadInterpolate
        Inherits:  grid
        0 Public, 0 Protected, 6 Private variable groups
ReductionTest
        Implements: ReductionTest
        Inherits:  GRHydro grid
        0 Public, 0 Protected, 3 Private variable groups
ReductionTest2
        Implements: ReductionTest2
        0 Public, 0 Protected, 2 Private variable groups
ReductionTest3
        Implements: ReductionTest3
        Inherits:  grid
        0 Public, 0 Protected, 4 Private variable groups
ReflectionSymmetry
        Implements: ReflectionSymmetry
        0 Public, 0 Protected, 0 Private variable groups
RegridSyncTest
        Implements: RegridSyncTest
        0 Public, 0 Protected, 2 Private variable groups
RotatingDBHIVP
        Implements: rotatingdbhivp
        Inherits:  ADMBase grid StaticConformal
        0 Public, 0 Protected, 3 Private variable groups
RotatingSymmetry180
        Implements: RotatingSymmetry180
        0 Public, 0 Protected, 0 Private variable groups
RotatingSymmetry90
        Implements: RotatingSymmetry90
        0 Public, 0 Protected, 0 Private variable groups
SGRID
        Implements: SGRID
        0 Public, 0 Protected, 0 Private variable groups
SIMDWaveToyX
        Implements: SIMDWaveToyX
        0 Public, 0 Protected, 5 Private variable groups
SampleBoundary
        Implements: LinExtrapBnd
        0 Public, 0 Protected, 0 Private variable groups
SampleIO
        Implements: SampleIO
        Inherits:  IO
        0 Public, 0 Protected, 0 Private variable groups
ScalarBase
        Implements: ScalarBase
        Inherits:  Grid
        4 Public, 0 Protected, 0 Private variable groups
ScalarEvolve

```



```

        Implements: ScalarEvolve
        Inherits:  ADMBase Tmunubase ScalarBase Boundary SphericalSurface
        0 Public, 0 Protected, 7 Private variable groups
ScalarInit
        Implements: ScalarInit
        Inherits:  ScalarBase grid
        0 Public, 0 Protected, 0 Private variable groups
Seed_Magnetic_Fields
        Implements: seed_magnetic_fields
        Inherits:  grid ADMBase HydroBase
        0 Public, 0 Protected, 0 Private variable groups
SetMask_SphericalSurface
        Implements: SetMask_SphericalSurface
        Inherits:  HydroBase SphericalSurface
        0 Public, 0 Protected, 0 Private variable groups
ShiftedGaugeWave
        Implements: ShiftedGaugeWave
        Inherits:  admbase Boundary GenericFD Grid
        7 Public, 0 Protected, 0 Private variable groups
ShiftedKerrSchild
        Implements: ShiftedKerrSchild
        Inherits:  ADMBase Boundary grid
        2 Public, 0 Protected, 0 Private variable groups
Silo
        Implements: Silo
        0 Public, 0 Protected, 0 Private variable groups
Slab
        Implements: Slab
        0 Public, 0 Protected, 0 Private variable groups
SlabTest
        Implements: SlabTest
        Inherits:  Slab
        0 Public, 0 Protected, 7 Private variable groups
Socket
        Implements: Socket
        0 Public, 0 Protected, 0 Private variable groups
SpaceMask
        Implements: SpaceMask
        Inherits:  grid
        3 Public, 0 Protected, 0 Private variable groups
SpacetimeWaveToyX
        Implements: SpacetimeWaveToyX
        0 Public, 0 Protected, 15 Private variable groups
SphericalHarmonicDecomp
        Implements: SphericalHarmonicDecomp
        0 Public, 0 Protected, 0 Private variable groups
SphericalHarmonicRecon
        Implements: SphericalHarmonicRecon
        0 Public, 0 Protected, 0 Private variable groups
SphericalHarmonicReconGen
        Implements: SphericalHarmonicReconGen
        0 Public, 0 Protected, 0 Private variable groups
SphericalSurface
        Implements: SphericalSurface
        Inherits:  grid
        10 Public, 0 Protected, 2 Private variable groups
StaggeredWaveToyX
        Implements: StaggeredWaveToyX
        0 Public, 0 Protected, 17 Private variable groups
StaticConformal
        Implements: StaticConformal
        Inherits:  grid
        5 Public, 0 Protected, 0 Private variable groups
SummationByParts

```

Implements: SummationByParts  
 3 Public, 0 Protected, 0 Private variable groups

SymBase  
 Implements: SymBase  
 0 Public, 0 Protected, 0 Private variable groups

SystemStatistics  
 Implements: SystemStatistics  
 0 Public, 0 Protected, 4 Private variable groups

SystemTopology  
 Implements: SystemTopology  
 0 Public, 0 Protected, 0 Private variable groups

TATelliptic  
 Implements: TATelliptic  
 0 Public, 0 Protected, 0 Private variable groups

TGRtensor  
 Implements: TGRtensor  
 0 Public, 0 Protected, 0 Private variable groups

TOVSolver  
 Implements: TOVSolver  
 Inherits: ADMBase HydroBase Constants StaticConformal  
 0 Public, 0 Protected, 0 Private variable groups

TOVola  
 Implements: TOVola  
 Inherits: GRHayLib ADMBase HydroBase Grid  
 0 Public, 0 Protected, 0 Private variable groups

TensorTypes  
 Implements: TensorTypes  
 0 Public, 0 Protected, 0 Private variable groups

TerminationTrigger  
 Implements: TerminationTrigger  
 0 Public, 0 Protected, 3 Private variable groups

TestArrayGroup  
 Implements: TestArrayGroup  
 0 Public, 0 Protected, 4 Private variable groups

TestArrays  
 Implements: Arrays  
 0 Public, 0 Protected, 36 Private variable groups

TestBoundaries  
 Implements: TestBoundaries  
 0 Public, 0 Protected, 0 Private variable groups

TestBoxInBox  
 Implements: TestBoxInBox  
 Inherits: BoxInBox  
 0 Public, 0 Protected, 0 Private variable groups

TestCarpetGridInfo  
 Implements: TestCarpetGridInfo  
 0 Public, 0 Protected, 0 Private variable groups

TestComplex  
 Implements: testcomplex  
 0 Public, 0 Protected, 7 Private variable groups

TestCoordinates  
 Implements: testgrid  
 0 Public, 0 Protected, 3 Private variable groups

TestDerivs  
 Implements: TestDerivs  
 Inherits: CarpetXRegrid  
 0 Public, 0 Protected, 11 Private variable groups

TestFortranCrayPointers  
 Implements: TestFortranCrayPointers  
 0 Public, 0 Protected, 4 Private variable groups

TestFortranDependencies1  
 Implements: TestFortranDependencies1  
 0 Public, 0 Protected, 0 Private variable groups

TestFortranDependencies2

```

        Implements: TestFortranDependencies2
        0 Public, 0 Protected, 0 Private variable groups
TestFpointerNULL
        Implements: TestFpointerNULL
        0 Public, 0 Protected, 3 Private variable groups
TestFreeF90
        Implements: TestFreeF90
        0 Public, 0 Protected, 0 Private variable groups
TestGlobalReduce
        Implements: testglobalreduce
        Inherits: grid
        11 Public, 0 Protected, 0 Private variable groups
TestInclude1
        Implements: include1
        0 Public, 0 Protected, 0 Private variable groups
TestInclude2
        Implements: include2
        0 Public, 0 Protected, 0 Private variable groups
TestInterpolate
        Implements: TestInterpolate
        Inherits: CoordinatesX
        0 Public, 0 Protected, 4 Private variable groups
TestLocalInterp2
        Implements: TestLocalInterp2
        Inherits: Grid
        0 Public, 0 Protected, 4 Private variable groups
TestLocalReduce
        Implements: TestLocalReduce
        3 Public, 0 Protected, 0 Private variable groups
TestLoop
        Implements: TestLoop
        Inherits: grid
        0 Public, 0 Protected, 4 Private variable groups
TestLoopControl
        Implements: TestLoopControl
        Inherits: grid
        0 Public, 0 Protected, 4 Private variable groups
TestMath
        Implements: TestMath
        0 Public, 0 Protected, 0 Private variable groups
TestMoL
        Implements: TestMoL
        Inherits: MethodOfLines
        0 Public, 0 Protected, 17 Private variable groups
TestNorms
        Implements: TestNorms
        Inherits: Driver CarpetXRegrid
        0 Public, 0 Protected, 9 Private variable groups
TestODESolvers
        Implements: TestODESolvers
        0 Public, 0 Protected, 8 Private variable groups
TestODESolvers2
        Implements: TestODESolvers2
        0 Public, 0 Protected, 5 Private variable groups
TestOutput
        Implements: TestOutput
        0 Public, 0 Protected, 6 Private variable groups
TestPar
        Implements: TestPar
        0 Public, 0 Protected, 0 Private variable groups
TestProlongate
        Implements: TestProlongate
        Inherits: CarpetXRegrid
        0 Public, 0 Protected, 41 Private variable groups

```

TestReadWrite  
     Implements: TestReadWriteImp  
     Inherits: grid  
     5 Public, 6 Protected, 3 Private variable groups

TestReduce  
     Implements: testreduce  
     0 Public, 0 Protected, 9 Private variable groups

TestSchedule  
     Implements: TestSchedule  
     0 Public, 0 Protected, 0 Private variable groups

TestStrings  
     Implements: teststrings  
     0 Public, 0 Protected, 0 Private variable groups

TestSymmetries  
     Implements: TestSymmetries  
     0 Public, 0 Protected, 17 Private variable groups

TestTable  
     Implements: TestTable  
     0 Public, 0 Protected, 0 Private variable groups

TestTimers  
     Implements: testtimers  
     0 Public, 0 Protected, 0 Private variable groups

TestTypes  
     Implements: TestTypes  
     0 Public, 0 Protected, 12 Private variable groups

Time  
     Implements: time  
     2 Public, 0 Protected, 2 Private variable groups

TimerInfo  
     Implements: timerinfo  
     0 Public, 0 Protected, 0 Private variable groups

TimerReport  
     Implements: timerreport  
     0 Public, 0 Protected, 0 Private variable groups

Timers  
     Implements: Timers  
     0 Public, 0 Protected, 0 Private variable groups

TmunuBase  
     Implements: TmunuBase  
     Inherits: ADMBase StaticConformal  
     5 Public, 0 Protected, 0 Private variable groups

TmunuBaseX  
     Implements: TmunuBaseX  
     4 Public, 0 Protected, 0 Private variable groups

Trigger  
     Implements: trigger  
     Inherits: IO  
     0 Public, 0 Protected, 2 Private variable groups

TwoPunctures  
     Implements: TwoPunctures  
     Inherits: ADMBase StaticConformal grid  
     3 Public, 0 Protected, 4 Private variable groups

TwoPunctures\_BBHSF  
     Implements: TwoPunctures\_BBHSF  
     Inherits: ADMBase StaticConformal grid ScalarBase  
     3 Public, 0 Protected, 4 Private variable groups

TwoPunctures\_KerrProca  
     Implements: TwoPunctures\_KerrProca  
     Inherits: ADMBase StaticConformal grid ProcaBase  
     3 Public, 0 Protected, 4 Private variable groups

Vaidya2  
     Implements: Vaidya2  
     Inherits: admbase Boundary GenericFD Grid  
     7 Public, 0 Protected, 0 Private variable groups

Vectors  
 Implements: Vectors  
 0 Public, 0 Protected, 2 Private variable groups

VolumeIntegrals\_GRMHD  
 Implements: VolumeIntegrals\_GRMHD  
 Inherits: grid ADMBase CarpetRegrid2 HydroBase ADMBase  
 0 Public, 0 Protected, 6 Private variable groups

VolumeIntegrals\_vacuum  
 Implements: VolumeIntegrals\_vacuum  
 Inherits: grid ADMBase CarpetRegrid2  
 3 Public, 0 Protected, 4 Private variable groups

WatchDog  
 Implements: WatchDog  
 0 Public, 0 Protected, 0 Private variable groups

WaveBinarySource  
 Implements: binarysource  
 Inherits: wavetoy grid  
 0 Public, 0 Protected, 0 Private variable groups

WaveExtractL  
 Implements: WaveExtractL  
 Inherits: grid admbase staticconformal io sphericalsurface  
 0 Public, 0 Protected, 17 Private variable groups

WaveMoL  
 Implements: wavemol  
 6 Public, 0 Protected, 0 Private variable groups

WaveToy1DF77  
 Implements: wavetoy1d  
 Inherits: boundary  
 0 Public, 0 Protected, 5 Private variable groups

WaveToy2DF77  
 Implements: wavetoy2d  
 Inherits: boundary  
 0 Public, 0 Protected, 5 Private variable groups

WaveToyC  
 Implements: wavetoy  
 Inherits: grid  
 2 Public, 0 Protected, 0 Private variable groups

WaveToyCXX  
 Implements: wavetoy  
 Inherits: grid  
 2 Public, 0 Protected, 0 Private variable groups

WaveToyExtra  
 Implements: wavetoyextra  
 Inherits: wavetoy  
 0 Public, 0 Protected, 0 Private variable groups

WaveToyF77  
 Implements: wavetoy  
 Inherits: grid  
 2 Public, 0 Protected, 0 Private variable groups

WaveToyF90  
 Implements: wavetoy  
 Inherits: grid  
 2 Public, 0 Protected, 0 Private variable groups

WaveToyFreeF90  
 Implements: wavetoy  
 Inherits: grid  
 2 Public, 0 Protected, 0 Private variable groups

WaveToyX  
 Implements: WaveToyX  
 0 Public, 0 Protected, 5 Private variable groups

WeylScal4  
 Implements: WeylScal4  
 Inherits: admbase Boundary GenericFD Grid methodoflines  
 19 Public, 0 Protected, 0 Private variable groups

```

hwloc
    Implements: hwloc
    0 Public, 0 Protected, 0 Private variable groups
libjpeg
    Implements: libjpeg
    0 Public, 0 Protected, 0 Private variable groups
openPMD
    Implements: openPMD
    0 Public, 0 Protected, 0 Private variable groups
particle_tracerET
    Implements: particle_tracerET
    Inherits: grid HydroBase ADMBase
    0 Public, 0 Protected, 12 Private variable groups
pthreads
    Implements: PTHREADS
    0 Public, 0 Protected, 0 Private variable groups
smallbPoynET
    Implements: smallbPoynET
    Inherits: grid HydroBase ADMBase
    0 Public, 0 Protected, 2 Private variable groups
yaml_cpp
    Implements: yaml_cpp
    0 Public, 0 Protected, 0 Private variable groups
zlib
    Implements: zlib
    0 Public, 0 Protected, 0 Private variable groups
Parsing parameter files...
ADIOS2
    0 Global, 0 Restricted, 0 Private parameters
ADMAAnalysis
    Shares: ADMBASE
    0 Global, 0 Restricted, 4 Private parameters
ADMBase
    0 Global, 18 Restricted, 0 Private parameters
ADMBaseX
    0 Global, 5 Restricted, 3 Private parameters
ADMCoupling
    0 Global, 0 Restricted, 0 Private parameters
ADMDerivatives
    0 Global, 0 Restricted, 6 Private parameters
ADMMacros
    0 Global, 1 Restricted, 0 Private parameters
ADMMass
    0 Global, 0 Restricted, 17 Private parameters
AEILocalInterp
    0 Global, 0 Restricted, 1 Private parameters
AHFinder
    Shares: ADMBASE ADMMACROS GRID IO SPACEMASK
    0 Global, 2 Restricted, 87 Private parameters
AHFinderDirect
    Shares: ADMBASE GRID IO SPACEMASK SPHERICALSURFACE
    0 Global, 0 Restricted, 154 Private parameters
AMReX
    0 Global, 0 Restricted, 0 Private parameters
Arith
    0 Global, 0 Restricted, 0 Private parameters
BLAS
    0 Global, 0 Restricted, 0 Private parameters
Baikal
    Shares: ADMBASE
    0 Global, 5 Restricted, 0 Private parameters
BaikalVacuum
    Shares: ADMBASE
    0 Global, 4 Restricted, 0 Private parameters

```

Boundary  
 Shares: CACTUS  
 0 Global, 8 Restricted, 0 Private parameters

BoxInBox  
 0 Global, 0 Restricted, 31 Private parameters

CT\_Analytic  
 Shares: GENERICFD METHODOFLINES  
 0 Global, 67 Restricted, 1 Private parameters

CT\_MultiLevel  
 Shares: ADMBASE  
 0 Global, 0 Restricted, 66 Private parameters

Cactus  
 0 Global, 7 Restricted, 13 Private parameters

CalcK  
 Shares: ADMBASE  
 0 Global, 0 Restricted, 6 Private parameters

Carpet  
 Shares: CACTUS CARPETLIB INITBASE IO  
 0 Global, 4 Restricted, 100 Private parameters

CarpetEvolutionMask  
 0 Global, 0 Restricted, 6 Private parameters

CarpetIOASCII  
 Shares: CACTUS IO  
 0 Global, 0 Restricted, 63 Private parameters

CarpetIOBasic  
 Shares: CACTUS IO  
 0 Global, 0 Restricted, 15 Private parameters

CarpetIOHDF5  
 Shares: CACTUS IO  
 0 Global, 0 Restricted, 77 Private parameters

CarpetIOScalar  
 Shares: CACTUS IO  
 0 Global, 0 Restricted, 9 Private parameters

CarpetIntegrateTest  
 0 Global, 0 Restricted, 2 Private parameters

CarpetInterp  
 0 Global, 0 Restricted, 5 Private parameters

CarpetInterp2  
 0 Global, 0 Restricted, 3 Private parameters

CarpetLib  
 Shares: IO  
 0 Global, 5 Restricted, 31 Private parameters

CarpetMask  
 Shares: SPHERICALSURFACE  
 0 Global, 0 Restricted, 8 Private parameters

CarpetProlongateTest  
 0 Global, 0 Restricted, 16 Private parameters

CarpetReduce  
 0 Global, 0 Restricted, 3 Private parameters

CarpetRegrid  
 0 Global, 5 Restricted, 65 Private parameters

CarpetRegrid2  
 0 Global, 0 Restricted, 135 Private parameters

CarpetRegridTest  
 0 Global, 0 Restricted, 3 Private parameters

CarpetSlab  
 0 Global, 0 Restricted, 0 Private parameters

CarpetTracker  
 Shares: SPHERICALSURFACE  
 0 Global, 0 Restricted, 3 Private parameters

CarpetX  
 Shares: CACTUS IO  
 0 Global, 4 Restricted, 103 Private parameters

CarpetXRegrid

0 Global, 0 Restricted, 0 Private parameters  
 CartGrid3D  
     Shares: DRIVER  
 0 Global, 23 Restricted, 10 Private parameters  
 Cartoon2D  
     0 Global, 0 Restricted, 12 Private parameters  
 Constants  
     0 Global, 0 Restricted, 0 Private parameters  
 Convert\_to\_HydroBase  
     0 Global, 0 Restricted, 1 Private parameters  
 CoordBase  
     0 Global, 0 Restricted, 44 Private parameters  
 CoordGauge  
     Shares: ADMBASE  
     0 Global, 2 Restricted, 1 Private parameters  
 Coordinates  
     0 Global, 1 Restricted, 71 Private parameters  
 CoordinatesSymmetry  
     0 Global, 0 Restricted, 5 Private parameters  
 CoordinatesX  
     0 Global, 0 Restricted, 0 Private parameters  
 CycleClock  
     0 Global, 0 Restricted, 1 Private parameters  
 DNSdata  
     Shares: ADMBASE HYDROBASE IO  
     0 Global, 0 Restricted, 9 Private parameters  
 DemoInterp  
     0 Global, 0 Restricted, 3 Private parameters  
 Derivs  
     0 Global, 0 Restricted, 0 Private parameters  
 Dissipation  
     Shares: SPACEMASK  
     0 Global, 18 Restricted, 0 Private parameters  
 DistortedBHIVP  
     Shares: ADMBASE STATICCONFORMAL  
     0 Global, 0 Restricted, 11 Private parameters  
 EHFinder  
     Shares: ADMBASE GRID METHODOFLINES SPACEMASK  
     0 Global, 3 Restricted, 56 Private parameters  
 EOS\_Base  
     0 Global, 0 Restricted, 0 Private parameters  
 EOS\_Hybrid  
     Shares: EOS\_2D\_POLYTROPE  
     0 Global, 3 Restricted, 0 Private parameters  
 EOS\_IdealFluid  
     0 Global, 1 Restricted, 0 Private parameters  
 EOS\_Omni  
     Shares: IO  
     0 Global, 28 Restricted, 0 Private parameters  
 EOS\_Polytrope  
     0 Global, 4 Restricted, 0 Private parameters  
 EinsteinExact\_Test  
     0 Global, 0 Restricted, 0 Private parameters  
 EllBase  
     0 Global, 1 Restricted, 0 Private parameters  
 ELLSOR  
     Shares: ELLBASE  
     0 Global, 0 Restricted, 0 Private parameters  
 ErrorEstimator  
     0 Global, 0 Restricted, 3 Private parameters  
 Exact  
     Shares: ADMBASE STATICCONFORMAL  
     0 Global, 93 Restricted, 19 Private parameters  
 Extract



Shares: ADMBASE GRID IO  
 0 Global, 0 Restricted, 30 Private parameters  
 FFTW3  
 0 Global, 0 Restricted, 0 Private parameters  
 FLRWSolver  
 Shares: ADMBASE HYDROBASE  
 0 Global, 17 Restricted, 0 Private parameters  
 FishboneMoncriefID  
 Shares: ADMBASE GRID HYDROBASE  
 0 Global, 7 Restricted, 2 Private parameters  
 FleshInfo  
 0 Global, 0 Restricted, 0 Private parameters  
 FluxWaveToyX  
 0 Global, 0 Restricted, 7 Private parameters  
 Formaline  
 Shares: IO  
 0 Global, 0 Restricted, 28 Private parameters  
 Fortran  
 0 Global, 0 Restricted, 1 Private parameters  
 GRHayLHD  
 Shares: GRHAYLIB  
 0 Global, 0 Restricted, 9 Private parameters  
 GRHayLHDX  
 Shares: GRHAYLIB  
 0 Global, 0 Restricted, 8 Private parameters  
 GRHayLID  
 Shares: GRHAYLIB HYDROBASE  
 0 Global, 21 Restricted, 0 Private parameters  
 GRHayLIDX  
 Shares: GRHAYLIB HYDROBASEX  
 0 Global, 18 Restricted, 0 Private parameters  
 GRHayLib  
 0 Global, 35 Restricted, 0 Private parameters  
 GRHydro  
 Shares: ADMBASE EOS\_OMNI HYDROBASE METHODOFLINES SPACEMASK  
 0 Global, 125 Restricted, 3 Private parameters  
 GRHydro\_InitData  
 Shares: ADMBASE EOS\_OMNI GRHYDRO HYDROBASE  
 0 Global, 0 Restricted, 85 Private parameters  
 GSL  
 0 Global, 0 Restricted, 0 Private parameters  
 GaugeWave  
 Shares: ADMBASE GENERICFD METHODOFLINES  
 0 Global, 29 Restricted, 1 Private parameters  
 GenericFD  
 0 Global, 13 Restricted, 0 Private parameters  
 GiRaFFE  
 Shares: ADMBASE  
 0 Global, 7 Restricted, 1 Private parameters  
 GiRaFFE\_to\_HydroBase  
 Shares: ADMBASE HYDROBASE  
 0 Global, 0 Restricted, 1 Private parameters  
 GiRaFFEfood  
 Shares: GIRAFFE SHIFTEDKERRSCHILD  
 0 Global, 9 Restricted, 0 Private parameters  
 GlobalDerivative  
 Shares: SUMMATIONBYPARTS  
 0 Global, 5 Restricted, 0 Private parameters  
 HDF5  
 0 Global, 0 Restricted, 0 Private parameters  
 HTTPD  
 Shares: CACTUS  
 0 Global, 0 Restricted, 22 Private parameters  
 HTTPDExtra

0 Global, 0 Restricted, 1 Private parameters  
 HelloWorld  
 0 Global, 0 Restricted, 0 Private parameters  
 HighOrderWaveTest  
 0 Global, 0 Restricted, 0 Private parameters  
 HydroBase  
 Shares: INITBASE IO  
 0 Global, 17 Restricted, 0 Private parameters  
 HydroBaseX  
 0 Global, 1 Restricted, 0 Private parameters  
 Hydro\_Analysis  
 Shares: HYDROBASE  
 0 Global, 4 Restricted, 15 Private parameters  
 Hydro\_InitExcision  
 Shares: GRID  
 0 Global, 11 Restricted, 0 Private parameters  
 Hydro\_RNSID  
 Shares: ADMBASE HYDROBASE  
 0 Global, 0 Restricted, 17 Private parameters  
 IDAnalyticBH  
 Shares: ADMBASE STATICCONFORMAL  
 0 Global, 0 Restricted, 23 Private parameters  
 IDAxiBrillBH  
 Shares: ADMBASE  
 0 Global, 0 Restricted, 20 Private parameters  
 IDAxiOddBrillBH  
 Shares: ADMBASE STATICCONFORMAL  
 0 Global, 0 Restricted, 17 Private parameters  
 IDBrillData  
 Shares: ADMBASE STATICCONFORMAL  
 0 Global, 0 Restricted, 31 Private parameters  
 IDConstraintViolate  
 Shares: ADMBASE  
 0 Global, 0 Restricted, 3 Private parameters  
 IDFileADM  
 Shares: ADMBASE IO STATICCONFORMAL  
 0 Global, 0 Restricted, 0 Private parameters  
 IDLinearWaves  
 Shares: ADMBASE STATICCONFORMAL  
 0 Global, 0 Restricted, 11 Private parameters  
 IDScalarWave  
 Shares: GRID  
 0 Global, 1 Restricted, 6 Private parameters  
 IDScalarWaveC  
 Shares: GRID  
 0 Global, 1 Restricted, 6 Private parameters  
 IDScalarWaveCXX  
 Shares: GRID  
 0 Global, 1 Restricted, 6 Private parameters  
 IDScalarWaveElliptic  
 Shares: IDSCALARWAVE  
 0 Global, 0 Restricted, 5 Private parameters  
 IDWaveMoL  
 0 Global, 1 Restricted, 17 Private parameters  
 ID\_converter\_GiRaFFE  
 Shares: GIRAFFE  
 0 Global, 0 Restricted, 2 Private parameters  
 ID\_converter\_ILGRMHD  
 0 Global, 0 Restricted, 5 Private parameters  
 IOASCII  
 Shares: IO  
 0 Global, 0 Restricted, 35 Private parameters  
 IOBasic  
 Shares: IO

0 Global, 0 Restricted, 13 Private parameters  
 IOHDF5  
     Shares: IO  
 0 Global, 0 Restricted, 5 Private parameters  
 IOHDF5Util  
     Shares: IO  
 0 Global, 0 Restricted, 1 Private parameters  
 IOJpeg  
     Shares: IO  
 0 Global, 0 Restricted, 33 Private parameters  
 IOUtil  
     0 Global, 59 Restricted, 2 Private parameters  
 IllinoisGRMHD  
     Shares: GRHAYLIB  
 0 Global, 0 Restricted, 22 Private parameters  
 InitBase  
     0 Global, 1 Restricted, 0 Private parameters  
 InterpToArray  
     0 Global, 93 Restricted, 0 Private parameters  
 Interpolate2  
     0 Global, 0 Restricted, 11 Private parameters  
 KerrSchild  
     Shares: ADMBASE GENERICFD METHODOFLINES  
 0 Global, 29 Restricted, 1 Private parameters  
 LAPACK  
     0 Global, 0 Restricted, 0 Private parameters  
 LORENE  
     0 Global, 0 Restricted, 0 Private parameters  
 LeanBSSNMol  
     Shares: ADMBASE METHODOFLINES  
 0 Global, 3 Restricted, 30 Private parameters  
 LlamaWaveToy  
     Shares: COORDINATES METHODOFLINES  
 0 Global, 0 Restricted, 35 Private parameters  
 LocalInterp  
     0 Global, 0 Restricted, 0 Private parameters  
 LocalInterp2  
     0 Global, 0 Restricted, 0 Private parameters  
 LocalReduce  
     0 Global, 0 Restricted, 0 Private parameters  
 Loop  
     0 Global, 0 Restricted, 0 Private parameters  
 LoopControl  
     Shares: IO  
 0 Global, 0 Restricted, 20 Private parameters  
 ML\_ADMConstraints  
     Shares: GENERICFD METHODOFLINES  
 0 Global, 9 Restricted, 0 Private parameters  
 ML\_ADMQuantities  
     Shares: GENERICFD METHODOFLINES  
 0 Global, 10 Restricted, 0 Private parameters  
 ML\_BSSN  
     Shares: ADMBASE GENERICFD METHODOFLINES  
 0 Global, 71 Restricted, 137 Private parameters  
 ML\_BSSN\_Helper  
     Shares: ADMBASE BOUNDARY GENERICFD METHODOFLINES ML\_BSSN  
 0 Global, 0 Restricted, 1 Private parameters  
 ML\_BSSN\_Test  
     0 Global, 0 Restricted, 0 Private parameters  
 ML\_CCZ4  
     Shares: ADMBASE GENERICFD METHODOFLINES  
 0 Global, 74 Restricted, 145 Private parameters  
 ML\_CCZ4\_Helper  
     Shares: ADMBASE BOUNDARY GENERICFD METHODOFLINES ML\_CCZ4

0 Global, 0 Restricted, 1 Private parameters  
 ML\_CCZ4\_Test  
 0 Global, 0 Restricted, 0 Private parameters  
 ML\_WaveToy  
 Shares: GENERICFD METHODOFLINES  
 0 Global, 21 Restricted, 17 Private parameters  
 ML\_WaveToy\_Test  
 0 Global, 0 Restricted, 0 Private parameters  
 MPI  
 0 Global, 0 Restricted, 0 Private parameters  
 MemSpeed  
 0 Global, 0 Restricted, 2 Private parameters  
 Meudon\_Bin\_BH  
 Shares: ADMBASE  
 0 Global, 0 Restricted, 1 Private parameters  
 Meudon\_Bin\_NS  
 Shares: ADMBASE HYDROBASE  
 0 Global, 0 Restricted, 5 Private parameters  
 Meudon\_Mag\_NS  
 Shares: ADMBASE HYDROBASE  
 0 Global, 0 Restricted, 1 Private parameters  
 Minkowski  
 Shares: ADMBASE GENERICFD METHODOFLINES  
 0 Global, 27 Restricted, 1 Private parameters  
 MoL  
 Shares: CACTUS  
 0 Global, 9 Restricted, 26 Private parameters  
 ModifiedSchwarzschildBL  
 Shares: ADMBASE GENERICFD METHODOFLINES  
 0 Global, 29 Restricted, 1 Private parameters  
 Multipole  
 Shares: IO  
 0 Global, 26 Restricted, 0 Private parameters  
 NPScalars  
 0 Global, 0 Restricted, 2 Private parameters  
 NPScalars\_Proca  
 Shares: PROCABASE  
 0 Global, 0 Restricted, 4 Private parameters  
 NRPyEllipticET  
 Shares: ADMBASE GRID  
 0 Global, 0 Restricted, 29 Private parameters  
 NSIMD  
 0 Global, 0 Restricted, 0 Private parameters  
 NaN Catcher  
 0 Global, 0 Restricted, 0 Private parameters  
 NaN Checker  
 0 Global, 0 Restricted, 11 Private parameters  
 NewRad  
 0 Global, 0 Restricted, 1 Private parameters  
 NewRadX  
 0 Global, 0 Restricted, 0 Private parameters  
 Nice  
 0 Global, 0 Restricted, 1 Private parameters  
 NoExcision  
 0 Global, 0 Restricted, 27 Private parameters  
 NoMPI  
 0 Global, 0 Restricted, 0 Private parameters  
 Noise  
 0 Global, 0 Restricted, 7 Private parameters  
 Norms  
 0 Global, 0 Restricted, 4 Private parameters  
 NullConstr  
 Shares: NULLEVOLVE NULLGRID  
 0 Global, 1 Restricted, 0 Private parameters

NullDecomp  
     Shares: IO NULLGRID  
     0 Global, 1 Restricted, 2 Private parameters

NullEvolve  
     Shares: CACTUS NULLGRID NULLINTERP TIME  
     0 Global, 15 Restricted, 31 Private parameters

NullExact  
     Shares: METHODOFLINES NULLEVOLVE NULLGRID NULLNEWS  
     0 Global, 4 Restricted, 14 Private parameters

NullGrid  
     0 Global, 8 Restricted, 0 Private parameters

NullInterp  
     Shares: NULLGRID  
     0 Global, 3 Restricted, 7 Private parameters

NullNews  
     Shares: CACTUS NULLGRID  
     0 Global, 1 Restricted, 21 Private parameters

NullPsiInt  
     Shares: METHODOFLINES NULLGRID  
     0 Global, 2 Restricted, 1 Private parameters

NullSHRExtract  
     Shares: CACTUS NULLEVOLVE NULLGRID  
     0 Global, 4 Restricted, 14 Private parameters

NullVars  
     Shares: NULLGRID  
     0 Global, 0 Restricted, 0 Private parameters

ODESolvers  
     0 Global, 0 Restricted, 2 Private parameters

OpenSSL  
     0 Global, 0 Restricted, 0 Private parameters

Outflow  
     Shares: IO SPHERICALSURFACE  
     0 Global, 0 Restricted, 19 Private parameters

PUGH  
     Shares: CACTUS  
     0 Global, 4 Restricted, 51 Private parameters

PUGHInterp  
     0 Global, 0 Restricted, 0 Private parameters

PUGHReduce  
     0 Global, 0 Restricted, 0 Private parameters

PUGHSlab  
     0 Global, 0 Restricted, 0 Private parameters

Periodic  
     0 Global, 0 Restricted, 8 Private parameters

PeriodicCarpet  
     0 Global, 0 Restricted, 5 Private parameters

Poisson  
     0 Global, 0 Restricted, 4 Private parameters

ProcaBase  
     Shares: INITBASE IO  
     0 Global, 10 Restricted, 0 Private parameters

ProcaEvolve  
     Shares: METHODOFLINES PROCABASE  
     0 Global, 3 Restricted, 6 Private parameters

Proca\_simpleID  
     Shares: ADMBASE  
     0 Global, 7 Restricted, 0 Private parameters

PunctureTracker  
     Shares: SPHERICALSURFACE  
     0 Global, 0 Restricted, 10 Private parameters

QuasiLocalMeasures  
     Shares: ADMBASE SPHERICALSURFACE  
     0 Global, 0 Restricted, 13 Private parameters

ReadInterpolate

Shares: IO  
 0 Global, 0 Restricted, 14 Private parameters  
 ReductionTest  
 Shares: GRID  
 0 Global, 0 Restricted, 0 Private parameters  
 ReductionTest2  
 Shares: GRID  
 0 Global, 0 Restricted, 0 Private parameters  
 ReductionTest3  
 Shares: GRID  
 0 Global, 0 Restricted, 0 Private parameters  
 ReflectionSymmetry  
 0 Global, 0 Restricted, 13 Private parameters  
 RegridSyncTest  
 0 Global, 0 Restricted, 0 Private parameters  
 RotatingDBHIVP  
 Shares: ADMBASE STATICCONFORMAL  
 0 Global, 0 Restricted, 13 Private parameters  
 RotatingSymmetry180  
 0 Global, 0 Restricted, 8 Private parameters  
 RotatingSymmetry90  
 0 Global, 0 Restricted, 4 Private parameters  
 SGRID  
 0 Global, 0 Restricted, 0 Private parameters  
 SIMDWaveToyX  
 0 Global, 0 Restricted, 6 Private parameters  
 SampleBoundary  
 0 Global, 0 Restricted, 0 Private parameters  
 SampleIO  
 Shares: IO  
 0 Global, 0 Restricted, 5 Private parameters  
 ScalarBase  
 0 Global, 20 Restricted, 0 Private parameters  
 ScalarEvolve  
 Shares: METHODOFLINES SCALARBASE  
 0 Global, 3 Restricted, 6 Private parameters  
 ScalarInit  
 Shares: SCALARBASE  
 0 Global, 18 Restricted, 0 Private parameters  
 Seed\_Magnetic\_Fields  
 0 Global, 16 Restricted, 0 Private parameters  
 SetMask\_SphericalSurface  
 Shares: SPHERICALSURFACE  
 0 Global, 0 Restricted, 5 Private parameters  
 ShiftedGaugeWave  
 Shares: ADMBASE GENERICFD METHODOFLINES  
 0 Global, 29 Restricted, 1 Private parameters  
 ShiftedKerrSchild  
 Shares: ADMBASE  
 0 Global, 3 Restricted, 0 Private parameters  
 Silo  
 0 Global, 0 Restricted, 0 Private parameters  
 Slab  
 0 Global, 0 Restricted, 2 Private parameters  
 SlabTest  
 0 Global, 0 Restricted, 0 Private parameters  
 Socket  
 0 Global, 0 Restricted, 0 Private parameters  
 SpaceMask  
 0 Global, 1 Restricted, 0 Private parameters  
 SpacetimeWaveToyX  
 0 Global, 0 Restricted, 6 Private parameters  
 SphericalHarmonicDecomp  
 Shares: IO

0 Global, 0 Restricted, 18 Private parameters  
 SphericalHarmonicRecon  
 0 Global, 0 Restricted, 10 Private parameters  
 SphericalHarmonicReconGen  
 Shares: NULLSHREXTRACT  
 0 Global, 0 Restricted, 45 Private parameters  
 SphericalSurface  
 0 Global, 15 Restricted, 9 Private parameters  
 StaggeredWaveToyX  
 0 Global, 0 Restricted, 6 Private parameters  
 StaticConformal  
 Shares: ADMBASE  
 0 Global, 1 Restricted, 0 Private parameters  
 SummationByParts  
 0 Global, 23 Restricted, 0 Private parameters  
 SymBase  
 0 Global, 0 Restricted, 1 Private parameters  
 SystemStatistics  
 0 Global, 0 Restricted, 0 Private parameters  
 SystemTopology  
 0 Global, 0 Restricted, 2 Private parameters  
 TATelliptic  
 0 Global, 0 Restricted, 0 Private parameters  
 TGRtensor  
 0 Global, 0 Restricted, 0 Private parameters  
 TOVSolver  
 Shares: ADMBASE HYDROBASE STATICCONFORMAL  
 0 Global, 0 Restricted, 27 Private parameters  
 TOVola  
 Shares: ADMBASE HYDROBASE  
 0 Global, 0 Restricted, 12 Private parameters  
 TensorTypes  
 0 Global, 0 Restricted, 0 Private parameters  
 TerminationTrigger  
 Shares: IO  
 0 Global, 0 Restricted, 10 Private parameters  
 TestArrayGroup  
 0 Global, 0 Restricted, 0 Private parameters  
 TestArrays  
 0 Global, 0 Restricted, 20 Private parameters  
 TestBoundaries  
 0 Global, 0 Restricted, 0 Private parameters  
 TestBoxInBox  
 0 Global, 0 Restricted, 0 Private parameters  
 TestCarpetGridInfo  
 0 Global, 0 Restricted, 2 Private parameters  
 TestComplex  
 0 Global, 0 Restricted, 3 Private parameters  
 TestCoordinates  
 0 Global, 2 Restricted, 0 Private parameters  
 TestDerivs  
 0 Global, 0 Restricted, 5 Private parameters  
 TestFortranCrayPointers  
 0 Global, 0 Restricted, 0 Private parameters  
 TestFortranDependencies1  
 0 Global, 0 Restricted, 0 Private parameters  
 TestFortranDependencies2  
 0 Global, 0 Restricted, 0 Private parameters  
 TestFpointerNULL  
 0 Global, 0 Restricted, 0 Private parameters  
 TestFreeF90  
 0 Global, 0 Restricted, 0 Private parameters  
 TestGlobalReduce  
 0 Global, 0 Restricted, 11 Private parameters

TestInclude1  
     0 Global, 0 Restricted, 0 Private parameters  
 TestInclude2  
     0 Global, 0 Restricted, 0 Private parameters  
 TestInterpolate  
     0 Global, 0 Restricted, 2 Private parameters  
 TestLocalInterp2  
     0 Global, 0 Restricted, 3 Private parameters  
 TestLocalReduce  
     0 Global, 0 Restricted, 3 Private parameters  
 TestLoop  
     0 Global, 0 Restricted, 0 Private parameters  
 TestLoopControl  
     0 Global, 0 Restricted, 0 Private parameters  
 TestMath  
     0 Global, 0 Restricted, 0 Private parameters  
 TestMoL  
     0 Global, 0 Restricted, 4 Private parameters  
 TestNorms  
     0 Global, 0 Restricted, 1 Private parameters  
 TestODESolvers  
     0 Global, 0 Restricted, 1 Private parameters  
 TestODESolvers2  
     0 Global, 0 Restricted, 1 Private parameters  
 TestOutput  
     0 Global, 0 Restricted, 0 Private parameters  
 TestPar  
     0 Global, 0 Restricted, 16 Private parameters  
 TestProlongate  
     0 Global, 0 Restricted, 2 Private parameters  
 TestReadWrite  
     0 Global, 0 Restricted, 4 Private parameters  
 TestReduce  
     0 Global, 0 Restricted, 0 Private parameters  
 TestSchedule  
     0 Global, 0 Restricted, 0 Private parameters  
 TestStrings  
     0 Global, 0 Restricted, 0 Private parameters  
 TestSymmetries  
     0 Global, 0 Restricted, 0 Private parameters  
 TestTable  
     0 Global, 0 Restricted, 0 Private parameters  
 TestTimers  
     0 Global, 0 Restricted, 1 Private parameters  
 TestTypes  
     0 Global, 0 Restricted, 4 Private parameters  
 Time  
     Shares: CACTUS  
     0 Global, 2 Restricted, 5 Private parameters  
 TimerInfo  
     0 Global, 0 Restricted, 3 Private parameters  
 TimerReport  
     Shares: IO  
     0 Global, 0 Restricted, 11 Private parameters  
 Timers  
     Shares: IO  
     0 Global, 0 Restricted, 6 Private parameters  
 TmunuBase  
     0 Global, 2 Restricted, 3 Private parameters  
 TmunuBaseX  
     0 Global, 0 Restricted, 0 Private parameters  
 Trigger  
     0 Global, 0 Restricted, 18 Private parameters  
 TwoPunctures



Shares: ADMDBASE IO STATICCONFORMAL  
 0 Global, 33 Restricted, 0 Private parameters  
 TwoPunctures\_BBHSF  
 Shares: ADMDBASE IO SCALARBASE STATICCONFORMAL  
 0 Global, 41 Restricted, 0 Private parameters  
 TwoPunctures\_KerrProca  
 Shares: ADMDBASE IO PROCABASE STATICCONFORMAL  
 0 Global, 34 Restricted, 5 Private parameters  
 Vaidya2  
 Shares: ADMDBASE GENERICFD METHODOFLINES  
 0 Global, 29 Restricted, 1 Private parameters  
 Vectors  
 0 Global, 0 Restricted, 2 Private parameters  
 VolumeIntegrals\_GRMHD  
 Shares: GRID IO  
 0 Global, 0 Restricted, 18 Private parameters  
 VolumeIntegrals\_vacuum  
 Shares: GRID IO  
 0 Global, 0 Restricted, 22 Private parameters  
 WatchDog  
 0 Global, 0 Restricted, 1 Private parameters  
 WaveBinarySource  
 0 Global, 0 Restricted, 5 Private parameters  
 WaveExtractL  
 Shares: ADMDBASE GRID IO SPHERICALSURFACE  
 0 Global, 0 Restricted, 53 Private parameters  
 WaveMoL  
 Shares: METHODOFLINES  
 0 Global, 2 Restricted, 1 Private parameters  
 WaveToy1DF77  
 0 Global, 0 Restricted, 4 Private parameters  
 WaveToy2DF77  
 0 Global, 0 Restricted, 5 Private parameters  
 WaveToyC  
 0 Global, 1 Restricted, 0 Private parameters  
 WaveToyCXX  
 0 Global, 1 Restricted, 0 Private parameters  
 WaveToyExtra  
 Shares: WAVETOY  
 0 Global, 0 Restricted, 2 Private parameters  
 WaveToyF77  
 0 Global, 1 Restricted, 0 Private parameters  
 WaveToyF90  
 0 Global, 1 Restricted, 0 Private parameters  
 WaveToyFreeF90  
 0 Global, 1 Restricted, 0 Private parameters  
 WaveToyX  
 0 Global, 0 Restricted, 8 Private parameters  
 WeylScal4  
 Shares: GENERICFD METHODOFLINES  
 0 Global, 30 Restricted, 3 Private parameters  
 hwloc  
 0 Global, 0 Restricted, 0 Private parameters  
 libjpeg  
 0 Global, 0 Restricted, 0 Private parameters  
 openPMD  
 0 Global, 0 Restricted, 0 Private parameters  
 particle\_tracerET  
 Shares: ADMDBASE HYDROBASE IO  
 0 Global, 0 Restricted, 20 Private parameters  
 pthreads  
 0 Global, 0 Restricted, 0 Private parameters  
 smallbPoynET  
 Shares: ADMDBASE HYDROBASE

```
    0 Global, 0 Restricted, 2 Private parameters
yaml_cpp
    0 Global, 0 Restricted, 0 Private parameters
zlib
    0 Global, 0 Restricted, 0 Private parameters
Parsing schedule files...
ADIOS2
    0 schedule blocks.
ADAnalysis
    15 schedule blocks.
ADMBase
    27 schedule blocks.
ADMBaseX
    20 schedule blocks.
ADMCoupling
    0 schedule blocks.
ADMDerivatives
    7 schedule blocks.
ADMMacros
    1 schedule blocks.
ADMMass
    10 schedule blocks.
AEILocalInterp
    1 schedule blocks.
AHFinder
    7 schedule blocks.
AHFinderDirect
    34 schedule blocks.
AMReX
    0 schedule blocks.
Arith
    2 schedule blocks.
BLAS
    0 schedule blocks.
Baikal
    24 schedule blocks.
BaikalVacuum
    25 schedule blocks.
Boundary
    6 schedule blocks.
BoxInBox
    3 schedule blocks.
CT_Analytic
    13 schedule blocks.
CT_MultiLevel
    1 schedule blocks.
Cactus
    24 schedule blocks.
CalcK
    5 schedule blocks.
Carpet
    9 schedule blocks.
CarpetEvolutionMask
    7 schedule blocks.
CarpetIOASCII
    2 schedule blocks.
CarpetIOBasic
    2 schedule blocks.
CarpetIOHDF5
    10 schedule blocks.
CarpetIOScalar
    2 schedule blocks.
CarpetIntegrateTest
    3 schedule blocks.
```

CarpetInterp  
    1 schedule blocks.  
CarpetInterp2  
    0 schedule blocks.  
CarpetLib  
    4 schedule blocks.  
CarpetMask  
    4 schedule blocks.  
CarpetProlongateTest  
    9 schedule blocks.  
CarpetReduce  
    15 schedule blocks.  
CarpetRegrid  
    1 schedule blocks.  
CarpetRegrid2  
    2 schedule blocks.  
CarpetRegridTest  
    3 schedule blocks.  
CarpetSlab  
    0 schedule blocks.  
CarpetTracker  
    1 schedule blocks.  
CarpetX  
    6 schedule blocks.  
CarpetXRegrid  
    1 schedule blocks.  
CartGrid3D  
    11 schedule blocks.  
Cartoon2D  
    6 schedule blocks.  
Constants  
    0 schedule blocks.  
Convert\_to\_HydroBase  
    0 schedule blocks.  
CoordBase  
    1 schedule blocks.  
CoordGauge  
    8 schedule blocks.  
Coordinates  
    26 schedule blocks.  
CoordinatesSymmetry  
    2 schedule blocks.  
CoordinatesX  
    1 schedule blocks.  
CycleClock  
    1 schedule blocks.  
DNSdata  
    2 schedule blocks.  
DemoInterp  
    6 schedule blocks.  
Derivs  
    0 schedule blocks.  
Dissipation  
    6 schedule blocks.  
DistortedBHIVP  
    2 schedule blocks.  
EHFinder  
    86 schedule blocks.  
EOS\_Base  
    0 schedule blocks.  
EOS\_Hybrid  
    2 schedule blocks.  
EOS\_IdealFluid  
    1 schedule blocks.

EOS\_Omni  
    6 schedule blocks.  
EOS\_Polytrope  
    1 schedule blocks.  
EinsteinExact\_Test  
    0 schedule blocks.  
EllBase  
    1 schedule blocks.  
EllSOR  
    1 schedule blocks.  
ErrorEstimator  
    2 schedule blocks.  
Exact  
    16 schedule blocks.  
Extract  
    2 schedule blocks.  
FFTW3  
    0 schedule blocks.  
FLRWSolver  
    5 schedule blocks.  
FishboneMoncriefID  
    2 schedule blocks.  
FleshInfo  
    4 schedule blocks.  
FluxWaveToyX  
    9 schedule blocks.  
Formaline  
    10 schedule blocks.  
Fortran  
    1 schedule blocks.  
GRHayLHD  
    47 schedule blocks.  
GRHayLHDX  
    50 schedule blocks.  
GRHayLID  
    7 schedule blocks.  
GRHayLIDX  
    7 schedule blocks.  
GRHayLib  
    2 schedule blocks.  
GRHydro  
    145 schedule blocks.  
GRHydro\_InitData  
    35 schedule blocks.  
GSL  
    0 schedule blocks.  
GaugeWave  
    10 schedule blocks.  
GenericFD  
    0 schedule blocks.  
GiRaFFE  
    13 schedule blocks.  
GiRaFFE\_to\_HydroBase  
    2 schedule blocks.  
GiRaFFEfood  
    17 schedule blocks.  
GlobalDerivative  
    2 schedule blocks.  
HDF5  
    0 schedule blocks.  
HTTPD  
    7 schedule blocks.  
HTTPDExtra  
    1 schedule blocks.

HelloWorld  
    1 schedule blocks.  
HighOrderWaveTest  
    0 schedule blocks.  
HydroBase  
    22 schedule blocks.  
HydroBaseX  
    10 schedule blocks.  
Hydro\_Analysis  
    17 schedule blocks.  
Hydro\_InitExcision  
    4 schedule blocks.  
Hydro\_RNSID  
    2 schedule blocks.  
IDAnalyticBH  
    6 schedule blocks.  
IDAxBrillBH  
    2 schedule blocks.  
IDAxIOddBrillBH  
    2 schedule blocks.  
IDBrillData  
    3 schedule blocks.  
IDConstraintViolate  
    2 schedule blocks.  
IDFileADM  
    2 schedule blocks.  
IDLinearWaves  
    8 schedule blocks.  
IDScalarWave  
    3 schedule blocks.  
IDScalarWaveC  
    2 schedule blocks.  
IDScalarWaveCXX  
    2 schedule blocks.  
IDScalarWaveElliptic  
    1 schedule blocks.  
IDWaveMoL  
    2 schedule blocks.  
ID\_converter\_GiRaFFE  
    5 schedule blocks.  
ID\_converter\_ILGRMHD  
    0 schedule blocks.  
IOASCII  
    3 schedule blocks.  
IOBasic  
    2 schedule blocks.  
IOHDF5  
    5 schedule blocks.  
IOHDF5Util  
    2 schedule blocks.  
IOJpeg  
    2 schedule blocks.  
IOUtil  
    4 schedule blocks.  
IllinoisGRMHD  
    65 schedule blocks.  
InitBase  
    0 schedule blocks.  
InterpToArray  
    1 schedule blocks.  
Interpolate2  
    7 schedule blocks.  
KerrSchild  
    10 schedule blocks.

LAPACK  
    0 schedule blocks.  
LORENE  
    0 schedule blocks.  
LeanBSSNMOL  
    24 schedule blocks.  
LlamaWaveToy  
    14 schedule blocks.  
LocalInterp  
    1 schedule blocks.  
LocalInterp2  
    1 schedule blocks.  
LocalReduce  
    1 schedule blocks.  
Loop  
    0 schedule blocks.  
LoopControl  
    4 schedule blocks.  
ML\_ADMConstraints  
    12 schedule blocks.  
ML\_ADMQuantities  
    12 schedule blocks.  
ML\_BSSN  
    33 schedule blocks.  
ML\_BSSN\_Helper  
    11 schedule blocks.  
ML\_BSSN\_Test  
    0 schedule blocks.  
ML\_CCZ4  
    33 schedule blocks.  
ML\_CCZ4\_Helper  
    11 schedule blocks.  
ML\_CCZ4\_Test  
    0 schedule blocks.  
ML\_WaveToy  
    13 schedule blocks.  
ML\_WaveToy\_Test  
    0 schedule blocks.  
MPI  
    0 schedule blocks.  
MemSpeed  
    1 schedule blocks.  
Meudon\_Bin\_BH  
    2 schedule blocks.  
Meudon\_Bin\_NS  
    1 schedule blocks.  
Meudon\_Mag\_NS  
    2 schedule blocks.  
Minkowski  
    10 schedule blocks.  
MoL  
    68 schedule blocks.  
ModifiedSchwarzschildBL  
    10 schedule blocks.  
Multipole  
    6 schedule blocks.  
NPScalars  
    12 schedule blocks.  
NPScalars\_Proca  
    11 schedule blocks.  
NRPyEllipticET  
    2 schedule blocks.  
NSIMD  
    0 schedule blocks.

NaNcatcher  
1 schedule blocks.  
NaNchecker  
10 schedule blocks.  
NewRad  
0 schedule blocks.  
NewRadX  
0 schedule blocks.  
Nice  
1 schedule blocks.  
NoExcision  
23 schedule blocks.  
NoMPI  
0 schedule blocks.  
Noise  
3 schedule blocks.  
Norms  
2 schedule blocks.  
NullConstr  
2 schedule blocks.  
NullDecomp  
1 schedule blocks.  
NullEvolve  
16 schedule blocks.  
NullExact  
14 schedule blocks.  
NullGrid  
4 schedule blocks.  
NullInterp  
3 schedule blocks.  
NullNews  
8 schedule blocks.  
NullPsiInt  
3 schedule blocks.  
NullSHRExtract  
25 schedule blocks.  
NullVars  
0 schedule blocks.  
ODESolvers  
17 schedule blocks.  
OpenSSL  
0 schedule blocks.  
Outflow  
2 schedule blocks.  
PUGH  
8 schedule blocks.  
PUGHInterp  
1 schedule blocks.  
PUGHReduce  
1 schedule blocks.  
PUGHSlab  
0 schedule blocks.  
Periodic  
2 schedule blocks.  
PeriodicCarpet  
3 schedule blocks.  
Poisson  
5 schedule blocks.  
ProcaBase  
3 schedule blocks.  
ProcaEvolve  
8 schedule blocks.  
Proca\_simpleID  
1 schedule blocks.

PunctureTracker  
    3 schedule blocks.  
QuasiLocalMeasures  
    3 schedule blocks.  
ReadInterpolate  
    8 schedule blocks.  
ReductionTest  
    5 schedule blocks.  
ReductionTest2  
    4 schedule blocks.  
ReductionTest3  
    5 schedule blocks.  
ReflectionSymmetry  
    2 schedule blocks.  
RegridSyncTest  
    5 schedule blocks.  
RotatingDBHIVP  
    2 schedule blocks.  
RotatingSymmetry180  
    4 schedule blocks.  
RotatingSymmetry90  
    4 schedule blocks.  
SGRID  
    0 schedule blocks.  
SIMDWaveToyX  
    6 schedule blocks.  
SampleBoundary  
    1 schedule blocks.  
SampleIO  
    1 schedule blocks.  
ScalarBase  
    2 schedule blocks.  
ScalarEvolve  
    11 schedule blocks.  
ScalarInit  
    10 schedule blocks.  
Seed\_Magnetic\_Fields  
    2 schedule blocks.  
SetMask\_SphericalSurface  
    3 schedule blocks.  
ShiftedGaugeWave  
    10 schedule blocks.  
ShiftedKerrSchild  
    5 schedule blocks.  
Silo  
    0 schedule blocks.  
Slab  
    3 schedule blocks.  
SlabTest  
    1 schedule blocks.  
Socket  
    0 schedule blocks.  
SpaceMask  
    9 schedule blocks.  
SpacetimeWaveToyX  
    6 schedule blocks.  
SphericalHarmonicDecomp  
    2 schedule blocks.  
SphericalHarmonicRecon  
    4 schedule blocks.  
SphericalHarmonicReconGen  
    7 schedule blocks.  
SphericalSurface  
    8 schedule blocks.



StaggeredWaveToyX  
7 schedule blocks.

StaticConformal  
1 schedule blocks.

SummationByParts  
4 schedule blocks.

SymBase  
5 schedule blocks.

SystemStatistics  
1 schedule blocks.

SystemTopology  
1 schedule blocks.

TATelliptic  
1 schedule blocks.

TGRtensor  
0 schedule blocks.

TOVSolver  
10 schedule blocks.

TOVola  
3 schedule blocks.

TensorTypes  
0 schedule blocks.

TerminationTrigger  
9 schedule blocks.

TestArrayGroup  
5 schedule blocks.

TestArrays  
2 schedule blocks.

TestBoundaries  
4 schedule blocks.

TestBoxInBox  
2 schedule blocks.

TestCarpetGridInfo  
1 schedule blocks.

TestComplex  
3 schedule blocks.

TestCoordinates  
3 schedule blocks.

TestDerivs  
5 schedule blocks.

TestFortranCrayPointers  
2 schedule blocks.

TestFortranDependencies1  
0 schedule blocks.

TestFortranDependencies2  
0 schedule blocks.

TestFpointerNULL  
1 schedule blocks.

TestFreeF90  
0 schedule blocks.

TestGlobalReduce  
12 schedule blocks.

TestInclude1  
1 schedule blocks.

TestInclude2  
1 schedule blocks.

TestInterpolate  
2 schedule blocks.

TestLocalInterp2  
3 schedule blocks.

TestLocalReduce  
3 schedule blocks.

TestLoop  
3 schedule blocks.

TestLoopControl  
    3 schedule blocks.  
TestMath  
    2 schedule blocks.  
TestMoL  
    7 schedule blocks.  
TestNorms  
    2 schedule blocks.  
TestODESolvers  
    5 schedule blocks.  
TestODESolvers2  
    4 schedule blocks.  
TestOutput  
    5 schedule blocks.  
TestPar  
    2 schedule blocks.  
TestProlongate  
    9 schedule blocks.  
TestReadWrite  
    13 schedule blocks.  
TestReduce  
    5 schedule blocks.  
TestSchedule  
    19 schedule blocks.  
TestStrings  
    1 schedule blocks.  
TestSymmetries  
    6 schedule blocks.  
TestTable  
    1 schedule blocks.  
TestTimers  
    3 schedule blocks.  
TestTypes  
    2 schedule blocks.  
Time  
    7 schedule blocks.  
TimerInfo  
    1 schedule blocks.  
TimerReport  
    3 schedule blocks.  
Timers  
    2 schedule blocks.  
TmunuBase  
    5 schedule blocks.  
TmunuBaseX  
    6 schedule blocks.  
Trigger  
    3 schedule blocks.  
TwoPunctures  
    5 schedule blocks.  
TwoPunctures\_BBHSF  
    5 schedule blocks.  
TwoPunctures\_KerrProca  
    5 schedule blocks.  
Vaidya2  
    10 schedule blocks.  
Vectors  
    2 schedule blocks.  
VolumeIntegrals\_GRMHD  
    10 schedule blocks.  
VolumeIntegrals\_vacuum  
    10 schedule blocks.  
WatchDog  
    1 schedule blocks.

```

WaveBinarySource
    1 schedule blocks.
WaveExtractL
    17 schedule blocks.
WaveMoL
    9 schedule blocks.
WaveToy1DF77
    6 schedule blocks.
WaveToy2DF77
    6 schedule blocks.
WaveToyC
    11 schedule blocks.
WaveToyCXX
    11 schedule blocks.
WaveToyExtra
    3 schedule blocks.
WaveToyF77
    11 schedule blocks.
WaveToyF90
    11 schedule blocks.
WaveToyFreeF90
    7 schedule blocks.
WaveToyX
    6 schedule blocks.
WeylScal4
    48 schedule blocks.
hwloc
    2 schedule blocks.
libjpeg
    0 schedule blocks.
openPMD
    0 schedule blocks.
particle_tracerET
    9 schedule blocks.
pthreads
    0 schedule blocks.
smallbPoynET
    1 schedule blocks.
yaml_cpp
    0 schedule blocks.
zlib
    0 schedule blocks.
Running any thorn-provided configuration scripts...

*****
Running configuration script for thorn BLAS:
BLAS selected, but BLAS_DIR not set. Checking some places...
BLAS not found
Using bundled BLAS...
Building BLAS
BLAS: Preparing directory structure...
BLAS: Unpacking archive...
~/Cactus/Cactus/configs/sim/scratch/build/BLAS ~/Cactus/Cactus/configs/sim/scratch
BLAS: Configuring...
BLAS: Building...
BLAS: Installing...
~/Cactus/Cactus/configs/sim/scratch
BLAS: Cleaning up...
BLAS: Done.
Finished running configuration script for thorn BLAS.

*****
Running configuration script for thorn FFTW3:
FFTW3 selected, but FFTW3_DIR not set. Checking some places...

```

Found FFTW3 in /usr  
Finished running configuration script for thorn FFTW3.

```
*****
Running configuration script for thorn FORTRAN:
Found a traditional Fortran cpp
Finished running configuration script for thorn FORTRAN.
```

```
*****
Running configuration script for thorn GSL:
GSL selected, but GSL_DIR not set. Checking pkg-config ...
GSL found: /usr
Finished running configuration script for thorn GSL.
```

```
*****
Running configuration script for thorn LAPACK:
LAPACK selected, but LAPACK_DIR not set. Checking some places...
LAPACK not found
Using bundled LAPACK...
Building LAPACK
LAPACK: Preparing directory structure...
LAPACK: Unpacking archive...
~/Cactus/Cactus/configs/sim/scratch/build/LAPACK ~/Cactus/Cactus/configs/sim/scrat
ch
LAPACK: Configuring...
LAPACK: Building...
LAPACK: Installing...
~/Cactus/Cactus/configs/sim/scratch
LAPACK: Cleaning up...
LAPACK: Done.
Finished running configuration script for thorn LAPACK.
```

```
*****
Running configuration script for thorn LIBJPEG:
LIBJPEG selected, but LIBJPEG_DIR not set. Checking pkg-config ...
LIBJPEG not found. Checking standard paths ...
LIBJPEG found.
Finished running configuration script for thorn LIBJPEG.
```

```
*****
Running configuration script for thorn LORENE:
LORENE selected, but LORENE_DIR not set.
Using bundled LORENE...
Finished running configuration script for thorn LORENE.
```

```
*****
Running configuration script for thorn NSIMD:
NSIMD selected, but NSIMD_DIR not set. Checking pkg-config ...
NSIMD not found. Checking standard paths ...
NSIMD not found.
Using bundled NSIMD...
Finished running configuration script for thorn NSIMD.
```

```
*****
Running configuration script for thorn OPENSLL:
OpenSSL selected, but OPENSLL_DIR not set. Checking some places...
Found OpenSSL in /usr
Finished running configuration script for thorn OPENSLL.
```

```
*****
Running configuration script for thorn PTHREADS:
Finished running configuration script for thorn PTHREADS.
```

```
*****
```

Running configuration script for thorn SGRID:  
SGRID selected, but SGRID\_DIR not set. Checking pkg-config ...  
SGRID not found. Checking standard paths ...  
SGRID not found.  
Using bundled SGRID...  
Finished running configuration script for thorn SGRID.

\*\*\*\*\*  
Running configuration script for thorn VECTORS:  
Finished running configuration script for thorn VECTORS.

\*\*\*\*\*  
Running configuration script for thorn YAML\_CPP:  
YAML\_CPP selected, but YAML\_CPP\_DIR not set. Checking pkg-config ...  
YAML\_CPP not found. Checking standard paths ...  
YAML\_CPP found.  
Finished running configuration script for thorn YAML\_CPP.

\*\*\*\*\*  
Running configuration script for thorn ZLIB:  
ZLIB selected, but ZLIB\_DIR not set. Checking pkg-config ...  
ZLIB found: /usr  
Finished running configuration script for thorn ZLIB.

\*\*\*\*\*  
Running configuration script for thorn HWLOC:  
hwloc selected, but HWLOC\_DIR not set. Checking some places...  
Found hwloc in NO\_BUILD  
Finished running configuration script for thorn HWLOC.

\*\*\*\*\*  
Running configuration script for thorn MPI:  
MPI selected, but MPI\_DIR is not set. Computing settings...  
Found MPI compiler wrapper at /usr/bin/mpic++!  
Successfully configured MPI.  
Finished running configuration script for thorn MPI.

\*\*\*\*\*  
Running configuration script for thorn ADIOS2:  
ADIOS2 selected, but ADIOS2\_DIR not set. Checking pkg-config ...  
ADIOS2 not found. Checking standard paths ...  
ADIOS2 found.  
WARNING in ADIOS2 configuration:  
None of adios2/common/ADIOSConfig.h found in  
Automatic detection of MPI use not possible  
Finished running configuration script for thorn ADIOS2.

\*\*\*\*\*  
Running configuration script for thorn AMREX:  
AMREX selected, but AMREX\_DIR not set. Checking pkg-config ...  
AMREX not found. Checking standard paths ...  
AMREX not found.  
Using bundled AMReX...  
Finished running configuration script for thorn AMREX.

\*\*\*\*\*  
Running configuration script for thorn HDF5:  
Additional requested language support: Fortran  
HDF5 selected, but HDF5\_DIR not set. Checking pkg-config ...  
HDF5 found: /usr  
Finished running configuration script for thorn HDF5.

\*\*\*\*\*  
Running configuration script for thorn OPENPMD:

```
OPENPMD selected, but OPENPMD_DIR not set. Checking pkg-config ...
OPENPMD not found. Checking standard paths ...
OPENPMD not found.
Using bundled openPMD...
Finished running configuration script for thorn OPENPMD.
```

```
*****
```

```
Running configuration script for thorn SILO:
SILO selected, but SILO_DIR not set. Checking pkg-config ...
SILO not found. Checking standard paths ...
SILO not found.
Using bundled Silo...
Finished running configuration script for thorn SILO.
Checking consistency...
```

```
Creating Thorn-Flesh bindings...
  Creating implementation bindings...
  Creating parameter bindings...
  Creating variable bindings...
  Creating schedule bindings...
  Creating function bindings...
  Generating arguments...
```

```
CST finished.
```

```
Checking status of thorn zlib
```

```
Checking status of thorn CoordBase
```

```
COMPILING configs/sim/bindings/build/zlib/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_zlib.a
```

```
COMPILING CactusBase/CoordBase/src/Domain.c
```

```
Checking status of thorn NSIMD
```

```
NSIMD: Preparing directory structure...
```

```
NSIMD: Unpacking archive...
```

```
~/Cactus/Cactus/configs/sim/scratch/build/NSIMD/nsimd-3.0.1 ~/Cactus/Cactus/configs/sim/scratch/build/NSIMD ~/Cactus/Cactus/configs/sim/scratch
```

```
patching file egg/get_sleef_code.py
```

```
patching file .patch_tmp
```

```
~/Cactus/Cactus/configs/sim/scratch/build/NSIMD ~/Cactus/Cactus/configs/sim/scratch
```

```
NSIMD: Configuring...
```

```
CMake Deprecation Warning at CMakeLists.txt:23 (cmake_minimum_required):
```

```
  Compatibility with CMake < 3.5 will be removed from a future version of
  CMake.
```

```
Update the VERSION argument <min> value or use a ...<max> suffix to tell
CMake that the project does not need compatibility with older versions.
```

```
COMPILING CactusBase/CoordBase/src/CoordBase.c
```

```
-- The C compiler identification is GNU 13.3.0
```

```
COMPILING CactusBase/CoordBase/src/GHExtension.c
```

```
COMPILING configs/sim/bindings/build/CoordBase/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CoordBase.a
```

```
Checking status of thorn yaml_cpp
```

```
COMPILING configs/sim/bindings/build/yaml_cpp/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_yaml_cpp.a
```

```
Checking status of thorn ADMCoupling
```

```
COMPILING configs/sim/bindings/build/ADMCoupling/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ADMCoupling.a
```

```
Checking status of thorn SummationByParts
```

```
-- The CXX compiler identification is GNU 13.3.0
```

```
-- Detecting C compiler ABI info
```

```
-- Detecting C compiler ABI info - done
```

```
-- Check for working C compiler: /usr/bin/gcc - skipped
```

```
-- Detecting C compile features
```

```
-- Detecting C compile features - done
```

```
-- Detecting CXX compiler ABI info
```

```

-- Detecting CXX compiler ABI info - done
-- Check for working CXX compiler: /usr/bin/g++ - skipped
-- Detecting CXX compile features
-- Detecting CXX compile features - done
COMPILING CactusNumerical/SummationByParts/src/call_derivs.c
COMPILING CactusNumerical/SummationByParts/src/call_up_derivs.c
COMPILING CactusNumerical/SummationByParts/src/call_derivs2.c
COMPILING CactusNumerical/SummationByParts/src/call_derivs_name.c
COMPILING CactusNumerical/SummationByParts/src/All_Coeffs_mod.F90
-- List of SIMD: cpu, avx512_skylake, sve, vmx, sve2048, sve128, avx512_knl, neon1
28, sve256, sse2, sse42, avx2, avx, sve512, sve1024, aarch64, vsx
-- Generating SIMD implementations
-- Searching platforms in "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/NS
IMD/nsimd-3.0.1/egg"
-- Found new platform: ppc
-- Found new platform: arm
-- Found new platform: cpu
-- Found new platform: x86
-- Found new SIMD extension: vmx
-- Found new SIMD extension: vsx
-- Found new SIMD extension: neon128
-- Found new SIMD extension: aarch64
-- Found new SIMD extension: sve
-- Found new SIMD extension: sve128
-- Found new SIMD extension: sve256
-- Found new SIMD extension: sve512
-- Found new SIMD extension: sve1024
-- Found new SIMD extension: sve2048
-- Found new SIMD extension: cpu
-- Found new SIMD extension: sse2
-- Found new SIMD extension: sse42
-- Found new SIMD extension: avx
-- Found new SIMD extension: avx2
-- Found new SIMD extension: avx512_knl
-- Found new SIMD extension: avx512_skylake
-- Generating base APIs
-- Generating advanced C++ API
-- Generating advanced C API (requires C11)
-- Generating source for binary
-- Generating scalar implementation for CPU and GPU
-- Generating friendly but not optimized advanced C++ API
-- Searching modules in "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/NSIM
D/nsimd-3.0.1/egg/modules"
-- Found new module: tet1d
-- Found new module: spmd
-- Found new module: memory_management
-- Found new module: random
-- Found new module: fixed_point
-- Generating module tet1d
-- Generating module spmd
-- Generating module memory_management
-- Generating module random
-- Configuring done (6.7s)
-- Generating done (0.0s)
-- Build files have been written to: /home/anisha/Cactus/Cactus/configs/sim/scratc
h/build/NSIMD/nsimd-3.0.1/build
NSIMD: Building...
[ 12%] Building CXX object CMakeFiles/fp16.dir/src/fp16.cpp.o
COMPILING CactusNumerical/SummationByParts/src/Derivatives2_mixed.F90
COMPILING CactusNumerical/SummationByParts/src/Get_Coeff.F90
COMPILING CactusNumerical/SummationByParts/src/set_norm_mask.F90
COMPILING CactusNumerical/SummationByParts/src/GetScalProdDiag.F90
COMPILING CactusNumerical/SummationByParts/src/CheckGridSizes.F90
COMPILING CactusNumerical/SummationByParts/src/dissipation.c

```

```
COMPILING CactusNumerical/SummationByParts/src/Dissipation_2_1.F90
[ 12%] Built target fp16
[ 25%] Building CXX object CMakeFiles/gpu.dir/src/gpu.cpp.o
COMPILING CactusNumerical/SummationByParts/src/Dissipation_2_1_alt.F90
[ 25%] Built target gpu
[ 37%] Building CXX object CMakeFiles/memory.dir/src/memory.cpp.o
COMPILING CactusNumerical/SummationByParts/src/Dissipation_4_2.F90
[ 37%] Built target memory
[ 50%] Building CXX object CMakeFiles/api_cpu.dir/src/api_cpu.cpp.o
COMPILING CactusNumerical/SummationByParts/src/Dissipation_4_2_alt.F90
[ 50%] Built target api_cpu
[ 62%] Building C object CMakeFiles/remplitab.dir/src/remplitab.c.o
[ 62%] Built target remplitab
COMPILING CactusNumerical/SummationByParts/src/Dissipation_6_3.F90
[ 75%] Building C object CMakeFiles/sleefsp.dir/src/sleefsp.c.o
COMPILING CactusNumerical/SummationByParts/src/Dissipation_6_3_alt.F90
[ 75%] Built target sleefsp
[ 87%] Building C object CMakeFiles/sleefdp.dir/src/sleefdp.c.o
COMPILING CactusNumerical/SummationByParts/src/Dissipation_8_4.F90
[ 87%] Built target sleefdp
[100%] Linking CXX shared library libnsimd_CPU.so
[100%] Built target nsimd_CPU
COMPILING CactusNumerical/SummationByParts/src/Dissipation_8_4_alt.F90
NSIMD: Installing...
[ 12%] Built target fp16
[ 25%] Built target gpu
[ 37%] Built target memory
[ 50%] Built target api_cpu
[ 62%] Built target remplitab
[ 75%] Built target sleefsp
[ 87%] Built target sleefdp
[100%] Built target nsimd_CPU
Install the project...
-- Install configuration: "RelWithDebInfo"
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/lib/libnsimd_CPU.so
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cxx_adv_api_functions.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/nsimd-all.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cxx_adv_api_aliases.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/functions.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/scalar_utilities.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/c_adv_api.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/mul.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/lt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/remainder.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/log10_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/set1.h
```



```
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/acos_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/store2u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/sin_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/nbtrue.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/subs.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/addv.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/rec8.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/hypot_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/sinh_u10.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/tanh_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/store3a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/lgamma_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/min.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/acos_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/div.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/ge.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/asinh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/exp2_u10.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/to_mask.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/types.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512_knl/storelu.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/trunc.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/notb.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/exp10\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/exp2\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/acosh\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/asin\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/tanh\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/cbrt\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/maskz\_loadu1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/mask\_storeu1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/load3u.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/downcv1.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/if\_else1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/cos\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/not1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/cbrt\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/expm1\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/cosh\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/gt.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/load2u.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/sub.h

-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/ziphi.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/store4u.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/maskz\_loada1.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/erfc\_u15.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/zip.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/andnotb.h



-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx512\_knl/andl.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse42/lgamma\_u10.h

-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse42/min.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/ge.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/scatter.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/eq.h
```

-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/atan\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/asinh\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/exp2\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/gather\_linear.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/shr.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/store4a.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/xorl.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/reinterpret.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/tgamma\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/to\_mask.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/types.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/storelu.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/trunc.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/notb.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/exp10\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/exp2\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/acosh\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/asin\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/tanh\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cbrt\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/maskz\_loadu1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/mask\_storeu1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/load3u.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/sqrt.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/downcvt.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/max.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/unziplo.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/orl.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/round\_to\_even.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/if\_else1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cos\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/notl.h

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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cbrt_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/expm1_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cosh_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/gt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/asin_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/andb.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/log2_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/tan_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/adds.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/len.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/load2u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/sub.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/ziphi.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/shra.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/to_logical.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/fms.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/put.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/unzip.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/scatter_linear.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/floor.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/load4u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/store4u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/maskz_loada1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/store3u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/abs.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/ziplo.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/fmod.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/exp10_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/log2_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cosh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/rec11.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/load2a.h
```

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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/sinh_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/andnot1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/tan_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/erfc_u15.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/fma.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/log_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/load3a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/exp_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/zip.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/hypot_u05.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/storela.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/andnotb.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/loadlu.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/masko_loada1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cvt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/set11.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/log_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/mask_storea1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/loadla.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/atan2_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/add.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/atanh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/masko_loadu1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/upcvt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/unziphi.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/loadu.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/le.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/fnma.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/gather.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/loada.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/ne.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/atan_u10.h
```

-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/load4a.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/erf\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/rec.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/ceil.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/pow\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/storea.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/rsqrt11.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/atan2\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/sinpi\_u05.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/neg.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/fnms.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/shl.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/andl.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/any.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cos\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/orb.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/rsqrt8.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/all.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/cospi\_u05.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/storeu.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/store2a.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/log1p\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/xorb.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/avx2/sin\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/mul.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/lt.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/remainder.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/log10\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/set1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/acos\_u10.h

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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/store2u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/sin_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/nbtrue.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/subs.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/addv.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/rec8.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/hypot_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/sinh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/reinterpret1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/tanh_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/store3a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/lgamma_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/min.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/mask_for_loop_tail.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/acos_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/div.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/ge.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/scatter.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/eq.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/atan_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/asinh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/exp2_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/gather_linear.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/shr.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/store4a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/xor1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/reinterpret.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/tgamma_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/to_mask.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/types.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/storelu.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/trunc.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/exp10_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/exp2_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/acosh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/asin_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/tanh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/cbrt_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/maskz_loadu1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/mask_storeu1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/load3u.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/if_else1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/cos_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/not1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/cbrt_u35.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/log2_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/tan_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/adds.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/len.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/load2u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/sub.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/ziphi.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/shra.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/to\_logical.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/fms.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/put.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/unzip.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/scatter\_linear.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/floor.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/load4u.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/store4u.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/maskz\_loada1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/store3u.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/log2\_u10.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/rec11.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/sinh\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/andnot1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/tan\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/erfc\_u15.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/fma.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/log\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/load3a.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/exp\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/zip.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/hypot\_u05.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/storela.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/andnotb.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/loadlu.h

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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/masko_loada1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/cvt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/set11.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/log_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/mask_storea1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/load1a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/atan2_u35.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/load4a.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/sinpi_u05.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/neg.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/fnms.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/x86/sse2/andl.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/ppc/vsx/sinh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/ppc/vsx/reinterpret1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/ppc/vsx/tanh_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/ppc/vsx/store3a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/ppc/vsx/lgamma_u10.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/ppc/vsx/acos\_u35.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/ppc/vsx/ge.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/neon128/div.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/store4a.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/xorl.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/reinterpret.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/tgamma\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/to\_mask.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/types.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/storelu.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/trunc.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/exp2\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/acosh\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/asin\_u35.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/maskz\_loadu1.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/mask\_storeu1.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/log2\_u35.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/log\_u10.h

-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/load3a.h  
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/pow\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/storea.h

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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve/rsqrt11.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/exp2\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/acosh\_u10.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/asin\_u35.h  
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/tanh\_u10.h



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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/cbrt_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/maskz_loadu1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/mask_storeu1.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/unzip.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve1024/scatter_linear.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve128/cbrt_u35.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve128/ceil.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/arm/sve256/acosh_u10.h
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-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/set1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/acos_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/store2u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/sin_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/nbtrue.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/subs.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/addv.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/rec8.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/hypot_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/sinh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/reinterpret1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/tanh_u35.h
```

```
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/store3a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/lgamma_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/min.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/mask_for_loop_tail.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/acos_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/div.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/ge.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/scatter.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/eq.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/atan_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/asinh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/exp2_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/gather_linear.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/shr.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/store4a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/xor1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/reinterpret.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/tgamma_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/to_mask.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/types.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/storelu.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/trunc.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/notb.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/exp10_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/exp2_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/acosh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/asin_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/tanh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/cbrt_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/maskz_loadu1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/mask_storeu1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/load3u.h
```

```
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/sqrt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/downcv.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/max.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/unziplo.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/orl.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/round_to_even.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/if_else1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/cos_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/not1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/cbrt_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/expm1_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/cosh_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/gt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/asin_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/andb.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/log2_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/tan_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/adds.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/len.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/load2u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/sub.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/ziphi.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/shra.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/to_logical.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/fms.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/put.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/unzip.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/scatter_linear.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/floor.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/load4u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/store4u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/maskz_loada1.h
```

```
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/store3u.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/abs.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/ziplo.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/fmod.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/exp10_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/log2_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/cosh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/rec11.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/load2a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/sinh_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/andnot1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/tan_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/erfc_u15.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/fma.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/log_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/load3a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/exp_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/zip.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/hypot_u05.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/store1a.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/andnotb.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/loadlu.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/masko_loada1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/cvt.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/set11.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/log_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/mask_storea1.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/loadla.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/atan2_u35.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/add.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/atanh_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/masko_loadu1.h
```





```
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/xorb.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cpu/cpu/sin_u10.h
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/cxx_adv_api.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/NSIMD/include/nsimd/nsimd-all.h
NSIMD: Cleaning up...
NSIMD: Done.
COMPILING configs/sim/bindings/build/NSIMD/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NSIMD.a
COMPILING CactusNumerical/SummationByParts/src/dissipation_coeff.F90
Checking status of thorn ADMMacros
COMPILING EinsteinBase/ADMMacros/src/SetLocalSpatialOrder.c
COMPILING configs/sim/bindings/build/ADMMacros/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ADMMacros.a
COMPILING CactusNumerical/SummationByParts/src/DeltaInitial.F90
COMPILING CactusNumerical/SummationByParts/src/get_coeffs.c
COMPILING CactusNumerical/SummationByParts/src/get_up_coeffs.c
Checking status of thorn ADMMass
COMPILING EinsteinAnalysis/ADMMass/src/surface_integral.c
COMPILING EinsteinAnalysis/ADMMass/src/volume_integral.c
COMPILING EinsteinAnalysis/ADMMass/src/loop.c
COMPILING configs/sim/bindings/build/ADMMass/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ADMMass.a
COMPILING configs/sim/bindings/build/SummationByParts/cctk_ThornBindings.c
COMPILING CactusNumerical/SummationByParts/src/get_coeffs2.c
Checking status of thorn AEILocalInterp
COMPILING Numerical/AEILocalInterp/src/startup.c
COMPILING Numerical/AEILocalInterp/src/InterpLocalUniform.c
COMPILING Numerical/AEILocalInterp/src/molecule_posn.c
COMPILING CactusNumerical/SummationByParts/src/Coefficients_2_1.F90
COMPILING Numerical/AEILocalInterp/src/util.c
COMPILING CactusNumerical/SummationByParts/src/Coefficients_2.F90
COMPILING Numerical/AEILocalInterp/src/common/load.c
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_2_1.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_2.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_4_2.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_4.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_4_2.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_4_2_min_err_coeff.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_4.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_6_3.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_6_3.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_6_3_min_err_coeff.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_6.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_6.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_8_4.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_8_4.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_8_4_min_err_coeff.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_8.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients2_8.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_4_3.F90
COMPILING Numerical/AEILocalInterp/src/common/evaluate.c
COMPILING CactusNumerical/SummationByParts/src/Coefficients_4_3_min_err_coeff.F90
COMPILING CactusNumerical/SummationByParts/src/Coefficients_6_5.F90
COMPILING Numerical/AEILocalInterp/src/common/store.c
COMPILING CactusNumerical/SummationByParts/src/Coefficients_6_5_min_err_coeff.F90
COMPILING CactusNumerical/SummationByParts/src/Poisoning.F90
COMPILING CactusNumerical/SummationByParts/src/get_offset.c
COMPILING CactusNumerical/SummationByParts/src/stencil.c
COMPILING CactusNumerical/SummationByParts/src/get_boundary_width.c
COMPILING CactusNumerical/SummationByParts/src/Derivatives_2_1.F90
```

COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/1d.cube.order1.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/1d.cube.order2.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives2\_2\_1.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/1d.cube.order3.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_4\_2.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/1d.cube.order4.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/1d.cube.order5.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/1d.cube.order6.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/2d.cube.order1.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/2d.cube.order2.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives2\_4\_2.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/2d.cube.order3.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives2\_4\_2\_min\_err\_coeff.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/2d.cube.order4.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_6\_3.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/3d.cube.order1.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/3d.cube.order2.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives2\_6\_3.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/3d.cube.order3.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_6\_3\_min\_err\_coeff.F90  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_8\_4.F90  
COMPILING CactusNumerical/SummationByParts/src/Derivatives2\_8\_4.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-tensor-product/3d.cube.order4.smooth0.c  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_8\_4\_min\_err\_coeff.F90  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_4\_3.F90  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_4\_3\_min\_err\_coeff.F90  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_6\_5.F90  
COMPILING CactusNumerical/SummationByParts/src/Derivatives\_6\_5\_min\_err\_coeff.F90  
COMPILING CactusNumerical/SummationByParts/src/Dissipation\_4\_3\_min\_err\_coeff.F90  
COMPILING CactusNumerical/SummationByParts/src/Dissipation\_4\_3\_min\_err\_coeff\_alt.F90  
COMPILING CactusNumerical/SummationByParts/src/Dissipation\_6\_5\_min\_err\_coeff.F90  
COMPILING CactusNumerical/SummationByParts/src/Dissipation\_6\_5\_min\_err\_coeff\_alt.F90  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/1d.cube.order1.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/1d.cube.order2.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/1d.cube.order3.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/1d.cube.order4.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/1d.cube.order5.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/1d.cube.order6.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/2d.cube.order1.smooth0.c  
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/2d.cube.order2.smooth0.c

```
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/2d.cube.order3.smooth.c
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/2d.cube.order4.smooth.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SummationByParts.a
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/3d.cube.order1.smooth.c
Checking status of thorn BLAS
COMPILING ExternalLibraries/BLAS/src/blas.F90
COMPILING configs/sim/bindings/build/BLAS/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_BLAS.a
Checking status of thorn Baikal
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/3d.cube.order2.smooth.c
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/3d.cube.order3.smooth.c
COMPILING WVUThorns/Baikal/src/Baikal_ADM_to_BSSN_order_2.c
COMPILING WVUThorns/Baikal/src/Baikal_ADM_to_BSSN_order_4.c
COMPILING WVUThorns/Baikal/src/Baikal_BSSN_constraints_order_2.c
COMPILING Numerical/AEILocalInterp/src/Lagrange-maximum-degree/3d.cube.order4.smooth.c
COMPILING WVUThorns/Baikal/src/Baikal_BSSN_constraints_order_4.c
COMPILING Numerical/AEILocalInterp/src/Hermite/1d.cube.order2.c
COMPILING Numerical/AEILocalInterp/src/Hermite/1d.cube.order3.c
COMPILING Numerical/AEILocalInterp/src/Hermite/1d.cube.order4.c
COMPILING Numerical/AEILocalInterp/src/Hermite/2d.cube.order2.c
COMPILING Numerical/AEILocalInterp/src/Hermite/2d.cube.order3.c
COMPILING Numerical/AEILocalInterp/src/Hermite/3d.cube.order2.c
COMPILING WVUThorns/Baikal/src/Baikal_BSSN_to_ADM.c
COMPILING WVUThorns/Baikal/src/Baikal_MoL_registration.c
COMPILING WVUThorns/Baikal/src/Baikal_RegisterSlicing.c
COMPILING WVUThorns/Baikal/src/Baikal_Ricci_eval_order_2.c
COMPILING WVUThorns/Baikal/src/Baikal_Ricci_eval_order_4.c
COMPILING WVUThorns/Baikal/src/Baikal_Symmetry_registration_oldCartGrid3D.c
COMPILING WVUThorns/Baikal/src/Baikal_T4DD_to_T4UU.c
COMPILING WVUThorns/Baikal/src/Baikal_enforce_detgammahat_constraint.c
COMPILING WVUThorns/Baikal/src/Baikal_floor_the_lapse.c
COMPILING WVUThorns/Baikal/src/Baikal_rhs_eval_order_2.c
COMPILING Numerical/AEILocalInterp/src/Hermite/3d.cube.order3.c
COMPILING WVUThorns/Baikal/src/Baikal_rhs_eval_order_4.c
COMPILING WVUThorns/Baikal/src/Baikal_specify_Driver_BoundaryConditions.c
COMPILING WVUThorns/Baikal/src/Baikal_specify_NewRad_BoundaryConditions_parameter.s.c
COMPILING WVUThorns/Baikal/src/Baikal_specify_aux_BoundaryConditions.c
COMPILING WVUThorns/Baikal/src/Baikal_specify_evol_BoundaryConditions.c
COMPILING WVUThorns/Baikal/src/Baikal_zero_rhss.c
COMPILING configs/sim/bindings/build/Baikal/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Baikal.a
Checking status of thorn BaikalVacuum
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_ADM_to_BSSN_order_4.c
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_ADM_to_BSSN_order_6.c
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_ADM_to_BSSN_order_8.c
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_BSSN_constraints_order_4.c
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_BSSN_constraints_order_6.c
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_BSSN_constraints_order_8.c
COMPILING configs/sim/bindings/build/AEILocalInterp/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_AEILocalInterp.a
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_BSSN_to_ADM.c
Checking status of thorn Boundary
COMPILING CactusBase/Boundary/src/ScalarBoundary.c
COMPILING CactusBase/Boundary/src/StaticBoundary.c
COMPILING CactusBase/Boundary/src/CopyBoundary.c
COMPILING CactusBase/Boundary/src/FlatBoundary.c
COMPILING CactusBase/Boundary/src/RadiationBoundary.c
```

COMPILING CactusBase/Boundary/src/RobinBoundary.c  
COMPILING CactusBase/Boundary/src/NoneBoundary.c  
COMPILING CactusBase/Boundary/src/Boundary.c  
COMPILING CactusBase/Boundary/src/Register.c  
COMPILING CactusBase/Boundary/src/Check.c  
COMPILING configs/sim/bindings/build/Boundary/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_Boundary.a  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_MoL\_registration.c  
Checking status of thorn GenericFD  
COMPILING KrancNumericalTools/GenericFD/src/GenericFD.c  
COMPILING configs/sim/bindings/build/GenericFD/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_GenericFD.a  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_RegisterSlicing.c  
Checking status of thorn CycleClock  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_Ricci\_eval\_order\_4.c  
COMPILING Carpet/CycleClock/src/clock.cc  
COMPILING Carpet/CycleClock/src/cycle.cc  
COMPILING configs/sim/bindings/build/CycleClock/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CycleClock.a  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_Ricci\_eval\_order\_6.c  
Checking status of thorn Vectors  
COMPILING CactusUtils/Vectors/src/vectors.cc  
COMPILING CactusUtils/Vectors/src/test.cc  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_Ricci\_eval\_order\_8.c  
COMPILING CactusUtils/Vectors/src/test-vectors-4-AVX.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-AVX\_AVX2.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-AVX\_FMA4.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-Altivec.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-SSE.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-SSE\_SSE41.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-SSE\_SSE4A.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-SSE\_FMA4.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-4-default.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-AVX.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-AVX\_AVX2.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-AVX\_FMA4.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-AVX512.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-AVX512\_AVX512ER.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-MIC.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-SSE2.cc  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_Symmetry\_registration\_oldCartGrid3D.c  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_enforce\_detgammahat\_constraint.c  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_floor\_the\_lapse.c  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_rhs\_eval\_order\_4.c  
COMPILING CactusUtils/Vectors/src/test-vectors-8-SSE2\_SSE41.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-SSE2\_SSE4A.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-SSE2\_FMA4.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-VSX.cc  
COMPILING CactusUtils/Vectors/src/test-vectors-8-default.cc  
COMPILING configs/sim/bindings/build/Vectors/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_Vectors.a  
Checking status of thorn IOUtil  
COMPILING CactusBase/IOUtil/src/Startup.c  
COMPILING CactusBase/IOUtil/src/CheckpointRecovery.cc  
COMPILING CactusBase/IOUtil/src/AdvertisedFiles.c  
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum\_rhs\_eval\_order\_6.c  
COMPILING CactusBase/IOUtil/src/Utils.c  
COMPILING configs/sim/bindings/build/IOUtil/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_IOUtil.a  
Checking status of thorn Fortran  
COMPILING CactusBase/Fortran/src/cctk\_ActiveThorns.F90  
COMPILING CactusBase/Fortran/src/cctk\_Banner.F90  
COMPILING CactusBase/Fortran/src/cctk\_Comm.F90

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COMPILING CactusBase/Fortran/src/cctk_CommandLine.F90
COMPILING CactusBase/Fortran/src/cctk_Complex.F90
COMPILING CactusBase/Fortran/src/cctk_Constants.F90
COMPILING CactusBase/Fortran/src/cctk_Coord.F90
COMPILING CactusBase/Fortran/src/cctk_DebugDefines.F90
COMPILING CactusBase/Fortran/src/cctk_Faces.F90
COMPILING CactusBase/Fortran/src/cctk_File.F90
COMPILING CactusBase/Fortran/src/cctk_Flesh.F90
COMPILING CactusBase/Fortran/src/cctk_FortranString1.F90
COMPILING CactusBase/Fortran/src/cctk_FortranWrappers.F90
COMPILING CactusBase/Fortran/src/cctk_GHExtensions.F90
COMPILING CactusBase/Fortran/src/cctk_GNU.F90
COMPILING CactusBase/Fortran/src/cctk_Groups.F90
COMPILING CactusBase/Fortran/src/cctk_GroupsOnGH.F90
COMPILING CactusBase/Fortran/src/cctk_IO.F90
COMPILING CactusBase/Fortran/src/cctk_IOMethods.F90
COMPILING CactusBase/Fortran/src/cctk_Interp.F90
COMPILING CactusBase/Fortran/src/cctk_Main.F90
COMPILING CactusBase/Fortran/src/cctk_Malloc1.F90
COMPILING CactusBase/Fortran/src/cctk_Math.F90
COMPILING CactusBase/Fortran/src/cctk_MemAlloc.F90
COMPILING CactusBase/Fortran/src/cctk_Misc.F90
COMPILING CactusBase/Fortran/src/cctk_ParamCheck.F90
COMPILING CactusBase/Fortran/src/cctk_Parameter.F90
COMPILING CactusBase/Fortran/src/cctk_Reduction.F90
COMPILING CactusBase/Fortran/src/cctk_Schedule.F90
COMPILING CactusBase/Fortran/src/cctk_Sync.F90
COMPILING CactusBase/Fortran/src/cctk_Termination.F90
COMPILING CactusBase/Fortran/src/cctk_Timers.F90
COMPILING CactusBase/Fortran/src/cctk_Types.F90
COMPILING CactusBase/Fortran/src/cctk_Version.F90
COMPILING CactusBase/Fortran/src/cctk_WarnLevel.F90
COMPILING CactusBase/Fortran/src/util_Table.F90
COMPILING CactusBase/Fortran/src/paramcheck.F90
COMPILING CactusBase/Fortran/src/cctk.F90
COMPILING configs/sim/bindings/build/Fortran/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Fortran.a
COMPILING configs/sim/bindings/build/BaikalVacuum/cctk_ThornBindings.c
Checking status of thorn CarpetRegridTest
COMPILING Carpet/CarpetRegridTest/src/Startup.c
COMPILING Carpet/CarpetRegridTest/src/SetupGaussian.c
COMPILING Carpet/CarpetRegridTest/src/TestGaussian.c
COMPILING configs/sim/bindings/build/CarpetRegridTest/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CarpetRegridTest.a
Checking status of thorn CarpetTracker
COMPILING Carpet/CarpetTracker/src/SetPositions.cc
COMPILING configs/sim/bindings/build/CarpetTracker/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CarpetTracker.a
Checking status of thorn Constants
COMPILING configs/sim/bindings/build/Constants/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Constants.a
Checking status of thorn Convert_to_HydroBase
COMPILING configs/sim/bindings/build/Convert_to_HydroBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Convert_to_HydroBase.
a
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_rhs_eval_order_8.c
Checking status of thorn CoordGauge
COMPILING EinsteinBase/CoordGauge/src/Slicing.c
COMPILING configs/sim/bindings/build/CoordGauge/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CoordGauge.a
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_specify_Driver_BoundaryCondition
s.c
Checking status of thorn LAPACK
COMPILING ExternalLibraries/LAPACK/src/lapack.F90
```

```
COMPILING configs/sim/bindings/build/LAPACK/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LAPACK.a
Checking status of thorn TensorTypes
COMPILING CactusNumerical/TensorTypes/src/check.c
COMPILING CactusNumerical/TensorTypes/src/info.c
COMPILING CactusNumerical/TensorTypes/src/tensortypes.c
COMPILING configs/sim/bindings/build/TensorTypes/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TensorTypes.a
Checking status of thorn CoordinatesSymmetry
COMPILING Llama/CoordinatesSymmetry/src/apply.c
COMPILING Llama/CoordinatesSymmetry/src/interpolate.c
COMPILING configs/sim/bindings/build/CoordinatesSymmetry/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CoordinatesSymmetry.a
Checking status of thorn DemoInterp
COMPILING CactusExamples/DemoInterp/src/Initial1D.F
COMPILING CactusExamples/DemoInterp/src/Initial2D.F
COMPILING CactusExamples/DemoInterp/src/Initial3D.F
COMPILING CactusExamples/DemoInterp/src/Interp1D.F
COMPILING CactusExamples/DemoInterp/src/Interp2D.F
COMPILING CactusExamples/DemoInterp/src/Interp3D.F
COMPILING configs/sim/bindings/build/DemoInterp/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_DemoInterp.a
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_specify_NewRad_BoundaryCondition
s_parameters.c
Checking status of thorn Dissipation
COMPILING CactusNumerical/Dissipation/src/apply_dissipation.F77
COMPILING CactusNumerical/Dissipation/src/basegrid.c
COMPILING CactusNumerical/Dissipation/src/dissipation.c
COMPILING CactusNumerical/Dissipation/src/paramcheck.c
COMPILING CactusNumerical/Dissipation/src/setup_epsdis.c
COMPILING configs/sim/bindings/build/Dissipation/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Dissipation.a
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_specify_aux_BoundaryConditions.c
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_specify_evol_BoundaryConditions.
c
Checking status of thorn DistortedBHIVP
COMPILING EinsteinInitialData/DistortedBHIVP/src/DistortedBHIVP.F
COMPILING EinsteinInitialData/DistortedBHIVP/src/Stab3d.F
COMPILING EinsteinInitialData/DistortedBHIVP/src/ParamCheck.c
COMPILING configs/sim/bindings/build/DistortedBHIVP/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_DistortedBHIVP.a
COMPILING WVUThorns/BaikalVacuum/src/BaikalVacuum_zero_rhss.c
Checking status of thorn EOS_Base
COMPILING EinsteinBase/EOS_Base/src/Register.c
COMPILING configs/sim/bindings/build/EOS_Base/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_EOS_Base.a
Checking status of thorn EOS_IdealFluid
COMPILING EinsteinEOS/EOS_IdealFluid/src/EOS_Ideal_Fluid.F
COMPILING EinsteinEOS/EOS_IdealFluid/src/EOS_Ideal_Fluid_Startup.F
COMPILING configs/sim/bindings/build/EOS_IdealFluid/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_EOS_IdealFluid.a
Checking status of thorn EinsteinExact_Test
COMPILING configs/sim/bindings/build/EinsteinExact_Test/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_EinsteinExact_Test.a
Checking status of thorn EllBase
COMPILING CactusElliptic/EllBase/src/Ell_Interface.c
COMPILING CactusElliptic/EllBase/src/Ell_Register.c
COMPILING CactusElliptic/EllBase/src/Startup.c
COMPILING CactusElliptic/EllBase/src/Ell_DBstructure.c
COMPILING configs/sim/bindings/build/EllBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_EllBase.a
Checking status of thorn Exact
COMPILING EinsteinInitialData/Exact/src/ParamCheck.c
COMPILING EinsteinInitialData/Exact/src/Startup.c
```

```

COMPILING EinsteinInitialData/Exact/src/decode_pars.F
COMPILING EinsteinInitialData/Exact/src/initialize.F
COMPILING EinsteinInitialData/Exact/src/slice_initialize.F
COMPILING EinsteinInitialData/Exact/src/slice_evolve.F
COMPILING EinsteinInitialData/Exact/src/slice_data.F
COMPILING EinsteinInitialData/Exact/src/tmunu.F90
COMPILING EinsteinInitialData/Exact/src/gauge.F
COMPILING EinsteinInitialData/Exact/src/Bona_Masso_data.F
COMPILING EinsteinInitialData/Exact/src/boost.F
COMPILING EinsteinInitialData/Exact/src/metric.F
COMPILING EinsteinInitialData/Exact/src/boundary.F
COMPILING EinsteinInitialData/Exact/src/blended_boundary.F
COMPILING EinsteinInitialData/Exact/src/xyz_blended_boundary.F
COMPILING EinsteinInitialData/Exact/src/linear_extrap_one_bndry.F
COMPILING EinsteinInitialData/Exact/src/metrics/Minkowski.F
COMPILING EinsteinInitialData/Exact/src/metrics/Minkowski_funny.F
COMPILING EinsteinInitialData/Exact/src/metrics/Minkowski_shift.F
COMPILING EinsteinInitialData/Exact/src/metrics/Minkowski_gauge_wave.F
COMPILING EinsteinInitialData/Exact/src/metrics/Minkowski_shifted_gauge_wave.F
COMPILING EinsteinInitialData/Exact/src/metrics/Minkowski_conf_wave.F
COMPILING EinsteinInitialData/Exact/src/metrics/Schwarzschild_EF.F
COMPILING EinsteinInitialData/Exact/src/metrics/Schwarzschild_PG.F
COMPILING EinsteinInitialData/Exact/src/metrics/Schwarzschild_BL.F
COMPILING EinsteinInitialData/Exact/src/metrics/Schwarzschild_Novikov.F
COMPILING EinsteinInitialData/Exact/src/metrics/Kerr_BoyerLindquist.F
COMPILING EinsteinInitialData/Exact/src/metrics/Kerr_KerrSchild.F
COMPILING EinsteinInitialData/Exact/src/metrics/Kerr_KerrSchild_spherical.F
COMPILING EinsteinInitialData/Exact/src/metrics/Schwarzschild_Lemaitre.F
COMPILING EinsteinInitialData/Exact/src/metrics/multi_BH.F
COMPILING EinsteinInitialData/Exact/src/metrics/Thorne_fakebinary.F
COMPILING EinsteinInitialData/Exact/src/metrics/Lemaitre.F
COMPILING EinsteinInitialData/Exact/src/metrics/de_Sitter.F
COMPILING EinsteinInitialData/Exact/src/metrics/de_Sitter_Lambda.F
COMPILING EinsteinInitialData/Exact/src/metrics/anti_de_Sitter_Lambda.F
COMPILING EinsteinInitialData/Exact/src/metrics/Bianchi_I.F
COMPILING EinsteinInitialData/Exact/src/metrics/Goedel.F
COMPILING EinsteinInitialData/Exact/src/metrics/Bertotti.F
COMPILING EinsteinInitialData/Exact/src/metrics/Kasner_like.F
COMPILING EinsteinInitialData/Exact/src/metrics/Kasner_axisymmetric.F
COMPILING EinsteinInitialData/Exact/src/metrics/Kasner_generalized.F
COMPILING EinsteinInitialData/Exact/src/metrics/Gowdy_wave.F
/home/anisha/Cactus/Cactus/configs/sim/build/Exact/metrics/Gowdy_wave.f:1351:36:

```

```

1351 | 45          Q0=Q0+B(K)*X**(-2*K-1)
      |                               1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 45 at (1)

```

/home/anisha/Cactus/Cactus/configs/sim/build/Exact/metrics/Gowdy_wave.f:1360:37:

```

```

1360 | 50          Q1=Q1+B1(K)*X**(-2*K-1)
      |                               1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 50 at (1)

```

COMPILING EinsteinInitialData/Exact/src/metrics/Milne.F
COMPILING EinsteinInitialData/Exact/src/metrics/boost_rotation_symmetric.F
COMPILING EinsteinInitialData/Exact/src/metrics/bowl.F
COMPILING EinsteinInitialData/Exact/src/metrics/constant_density_star.F
COMPILING configs/sim/bindings/build/Exact/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Exact.a
Checking status of thorn Extract
COMPILING EinsteinAnalysis/Extract/src/D2_extract_int.F
COMPILING EinsteinAnalysis/Extract/src/D3_extract_int.F
COMPILING EinsteinAnalysis/Extract/src/D3_to_D2_int.F
COMPILING EinsteinAnalysis/Extract/src/cartesian_to_spherical_int.F

```



```
COMPILING EinsteinAnalysis/Extract/src/unphysical_to_physical_int.F
COMPILING EinsteinAnalysis/Extract/src/ADMmass_integrand3D_int.F
COMPILING EinsteinAnalysis/Extract/src/momentum_integrand3D_int.F
COMPILING EinsteinAnalysis/Extract/src/spin_integrand3D_int.F
COMPILING EinsteinAnalysis/Extract/src/met_rad_der_int.F
COMPILING EinsteinAnalysis/Extract/src/Extract.F
COMPILING EinsteinAnalysis/Extract/src/D3_extract.F
COMPILING EinsteinAnalysis/Extract/src/cartesian_to_spherical.F
COMPILING EinsteinAnalysis/Extract/src/unphysical_to_physical.F
COMPILING EinsteinAnalysis/Extract/src/D2_extract.F
COMPILING EinsteinAnalysis/Extract/src/met_rad_der.F
COMPILING EinsteinAnalysis/Extract/src/D3_to_D2.F
COMPILING EinsteinAnalysis/Extract/src/ADMmass_integrand3D.F
COMPILING EinsteinAnalysis/Extract/src/momentum_integrand3D.F
COMPILING EinsteinAnalysis/Extract/src/spin_integrand3D.F
COMPILING EinsteinAnalysis/Extract/src/Advertise.c
COMPILING EinsteinAnalysis/Extract/src/ParamCheck.c
COMPILING configs/sim/bindings/build/Extract/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Extract.a
Checking status of thorn FFTW3
COMPILING configs/sim/bindings/build/FFTW3/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_FFTW3.a
Checking status of thorn FishboneMoncriefID
COMPILING WVUThorns/FishboneMoncriefID/src/InitialData.c
COMPILING configs/sim/bindings/build/FishboneMoncriefID/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_FishboneMoncriefID.a
Checking status of thorn FleshInfo
COMPILING CactusExamples/FleshInfo/src/Interp.c
COMPILING CactusExamples/FleshInfo/src/Reduce.c
COMPILING CactusExamples/FleshInfo/src/IO.c
COMPILING CactusExamples/FleshInfo/src/Coord.c
COMPILING configs/sim/bindings/build/FleshInfo/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_FleshInfo.a
Checking status of thorn pthreads
COMPILING configs/sim/bindings/build/pthreads/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_pthreads.a
Checking status of thorn GSL
COMPILING configs/sim/bindings/build/GSL/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GSL.a
Checking status of thorn GiRaFFE_to_HydroBase
COMPILING WVUThorns/GiRaFFE_to_HydroBase/src/Convert_GiRaFFE_to_HydroBase.C
COMPILING configs/sim/bindings/build/GiRaFFE_to_HydroBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GiRaFFE_to_HydroBase.
a
Checking status of thorn GlobalDerivative
COMPILING Llama/GlobalDerivative/src/deriv.c
COMPILING Llama/GlobalDerivative/src/deriv2.c
COMPILING Llama/GlobalDerivative/src/dissip.c
COMPILING Llama/GlobalDerivative/src/paramcheck.c
COMPILING configs/sim/bindings/build/GlobalDerivative/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GlobalDerivative.a
Checking status of thorn Socket
COMPILING CactusConnect/Socket/src/Utils.c
COMPILING configs/sim/bindings/build/Socket/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Socket.a
Checking status of thorn HelloWorld
COMPILING CactusExamples/HelloWorld/src/HelloWorld.c
COMPILING configs/sim/bindings/build/HelloWorld/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_HelloWorld.a
Checking status of thorn HighOrderWaveTest
COMPILING configs/sim/bindings/build/HighOrderWaveTest/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_HighOrderWaveTest.a
Checking status of thorn HydroBase
COMPILING EinsteinBase/HydroBase/src/Startup.c
```

```

COMPILING EinsteinBase/HydroBase/src/Initialisation.c
COMPILING EinsteinBase/HydroBase/src/ParamCheck.c
COMPILING configs/sim/bindings/build/HydroBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_HydroBase.a
Checking status of thorn Hydro_InitExcision
COMPILING EinsteinInitialData/Hydro_InitExcision/src/Hydro_InitExcision.c
COMPILING configs/sim/bindings/build/Hydro_InitExcision/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Hydro_InitExcision.a
Checking status of thorn IDAnalyticBH
COMPILING EinsteinInitialData/IDAnalyticBH/src/ParamChecker.c
COMPILING EinsteinInitialData/IDAnalyticBH/src/Schwarzschild.c
COMPILING EinsteinInitialData/IDAnalyticBH/src/Kerr.c
COMPILING EinsteinInitialData/IDAnalyticBH/src/BrillLindquist.c
COMPILING EinsteinInitialData/IDAnalyticBH/src/Misner_standard.c
COMPILING EinsteinInitialData/IDAnalyticBH/src/Misner_multiple.c
COMPILING EinsteinInitialData/IDAnalyticBH/src/Misner_points.c
COMPILING EinsteinInitialData/IDAnalyticBH/src/misc.c
COMPILING configs/sim/bindings/build/IDAnalyticBH/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDAnalyticBH.a
Checking status of thorn IDAxiBrillBH
COMPILING EinsteinInitialData/IDAxiBrillBH/src/IDAxiBrillBH.F
COMPILING EinsteinInitialData/IDAxiBrillBH/src/mg59p.F
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxiBrillBH/mg59p.f:782:30:

```

```

782 |      30 np2(m-k+1,jred)=np2(k,2)
    |                                     1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 30 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxiBrillBH/mg59p.f:790:29:

```

790 |      40 if(k.lt.m) iqi=iqi+ktot
    |                                     1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 40 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxiBrillBH/mg59p.f:794:18:

```

794 |      50 np2(k,ifd)=9
    |                                     1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 50 at (1)  
COMPILING EinsteinInitialData/IDAxiBrillBH/src/shmgp.F77  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxiBrillBH/shmgp.f:1023:55:

```

1023 |          + im,jm,jmc,ifd,i9,j9,nman,k+1,m,jr,ipc,irc,irurd)
    |                                                         1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 5 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxiBrillBH/shmgp.f:1042:30:

```

1042 |          + im,jm,jmc,m,k+1,jr,irc)
    |                                     1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 6 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxiBrillBH/shmgp.f:1197:30:

```

1197 |      30 np2(m-k+1,jred)=np2(k,2)
    |                                     1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 30 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxiBrillBH/shmgp.f:1205:29:

```

1205 |      40 if(k.lt.m) iqi=iqi+ktot
    |                                     1

```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D

0 or CONTINUE with label 40 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1209:18:

```
1209 |      50 np2(k,ifd)=9  
    |          1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
0 or CONTINUE with label 50 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1261:19:

```
1261 |      do 10 i=2,im1  
    |          1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 10 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1262:57:

```
1262 |      10 q(i,j)=q(i,j)+pd(i,jc)*qc(i,jc)+pu(i,jc)*qc(i,jc+1)  
    |          1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
0 or CONTINUE with label 10 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1269:19:

```
1269 |      do 40 i=2,im1  
    |          1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 40 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1270:50:

```
1270 |      40 q(i,j)=pd(i,jc)*qc(i,jc)+pu(i,jc)*qc(i,jc+1)  
    |          1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
0 or CONTINUE with label 40 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1288:19:

```
1288 |      do 10 i=2,im1  
    |          1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 10 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1289:20:

```
1289 |      10 con=con+q(i,j)  
    |          1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
0 or CONTINUE with label 10 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1292:19:

```
1292 |      do 20 i=2,im1  
    |          1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 20 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1293:23:

```
1293 |      20 q(i,j)=q(i,j)-con  
    |          1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
0 or CONTINUE with label 20 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1351:20:

```
1351 |      do 110 i=2,im1  
    |          1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 110 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1352:53:

```
1352 |      110 q(i,j)=f(i,j)-as(i,j)*q(i,j-1)-an(i,j)*q(i,j+1)  
    |          1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
0 or CONTINUE with label 110 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1355:20:

```
1355 |      do 120 i=2,im1
      |      1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 120 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1357:46:

```
1357 |      + anw(i,j)*q(i-1,j+1)-ane(i,j)*q(i+1,j+1)
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 120 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1367:27:

```
1367 |      129 q(2,j)=q(2,j)/ac(2,j)
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 129 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1389:42:

```
1389 |      140 q(i,j)=(q(i,j)-aw(i,j)*q(i-1,j))*bet
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 140 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1391:37:

```
1391 |      150 q(i,j)=q(i,j)-gam(i+1)*q(i+1,j)
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 150 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1400:20:

```
1400 |      do 210 i=2,im1
      |      1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 210 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1401:53:

```
1401 |      210 q(i,j)=f(i,j)-as(i,j)*q(i,j-1)-an(i,j)*q(i,j+1)
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 210 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1404:20:

```
1404 |      do 220 i=2,im1
      |      1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 220 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1406:46:

```
1406 |      + anw(i,j)*q(i-1,j+1)-ane(i,j)*q(i+1,j+1)
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 220 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1423:27:

```
1423 |      229 q(2,j)=q(2,j)/ac(2,j)
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 229 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1445:42:

```
1445 |      240 q(i,j)=(q(i,j)-aw(i,j)*q(i-1,j))*bet
      |      1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 240 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1447:37:

```
1447 |      250 q(i,j)=q(i,j)-gam(i+1)*q(i+1,j)
```

| 1  
**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 250 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1481:19:

```
1481 |      do 10 i=2,im1
```

| 1  
**Warning:** Fortran 2018 deleted feature: Shared DO termination label 10 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1483:55:

```
1483 |      + aw(i,j)*q(i-1,j)-ae(i,j)*q(i+1,j)-ac(i,j)*q(i,j)
```

| 1  
**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 10 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1488:19:

```
1488 |      do 20 i=2,im1
```

| 1  
**Warning:** Fortran 2018 deleted feature: Shared DO termination label 20 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1490:46:

```
1490 |      + ase(i,j)*q(i+1,j-1)-anw(i,j)*q(i-1,j+1)
```

| 1  
**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 20 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1494:18:

```
1494 |      do 25 i=1,im
```

| 1  
**Warning:** Fortran 2018 deleted feature: Shared DO termination label 25 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1495:17:

```
1495 |      25 qc(i,jc)=0.
```

| 1  
**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 25 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1499:19:

```
1499 |      do 30 i=2,im1
```

| 1  
**Warning:** Fortran 2018 deleted feature: Shared DO termination label 30 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1501:36:

```
1501 |      30 if(resmax.gt.rmax) rmax=resmax
```

| 1  
**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 30 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1506:19:

```
1506 |      do 40 i=2,im1
```

| 1  
**Warning:** Fortran 2018 deleted feature: Shared DO termination label 40 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1507:32:

```
1507 |      40 fc(i,jc)=rc(i,jc)*fc(i,jc)
```

| 1  
**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 40 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1527:19:

```
1527 |      do 10 i=2,im1
```

| 1  
**Warning:** Fortran 2018 deleted feature: Shared DO termination label 10 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1528:59:

```
1528 |      10 fc(i,jc)=ru(i,jc-1)*f(i,j-1)+rd(i,jc)*f(i,j+1)+f(i,j)
      |                                     1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 10 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1532:19:

```
1532 |      do 20 i=2,im1
      |                1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 20 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1534:22:

```
1534 |      + rc(i,jc)*f(i,j)
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 20 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1584:16:

```
1584 |      2 an(i,j)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 2 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1586:18:

```
1586 |      1 ae(im1,j)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 1 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1593:16:

```
1593 |      4 an(i,j)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 4 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1595:18:

```
1595 |      3 an(i,jm1)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 3 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1602:17:

```
1602 |      6 anw(i,j)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 6 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1606:19:

```
1606 |      5 ane(im1,j)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 5 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1612:17:

```
1612 |      8 anw(i,j)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 8 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1616:19:

```
1616 |      7 anw(i,jm1)=0.
      |                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 7 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1620:17:

```
1620 |         do 9 i=1,im
      |             1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 9 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1626:17:

```
1626 |         9 rd(i,jc)=0.
      |             1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 9 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1634:18:

```
1634 |         do 20 i=1,im
      |             1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 20 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1636:16:

```
1636 |         20 qw(i,j)=1.
      |             1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 20 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1645:19:

```
1645 |         do 40 i=2,im1
      |             1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 40 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1647:35:

```
1647 |         40 pmax=max(pmax,abs(qw(i,j)))
      |             1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 40 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1649:19:

```
1649 |         do 50 i=2,im1
      |             1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 50 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1651:29:

```
1651 |         50 pc(i,jc)=pc(i,jc)/pmax
      |             1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 50 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1655:19:

```
1655 |         do 55 i=2,im1
      |             1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 55 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1656:17:

```
1656 |         55 pc(i,jc)=1.
      |             1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 55 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1665:22:

```
1665 |         70 qw(i,j)=-an(i,j)
      |             1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 70 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1668:39:

```
1668 |         80 qw(i,j)=qw(i,j)-ane(i,j)-anw(i,j)
```

```

|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 80 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1672:33:

1672 |     90 qw(i,j)=-an(i,j)*pc(i,jc+1)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 90 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1675:65:

1675 |     100 qw(i,j)=qw(i,j)-ane(i,j)*pc(i+1,jc+1)-anw(i,j)*pc(i-1,jc+1)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 100 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1689:22:

1689 |     103 pu(i,jc)=qw(i,j)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 103 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1699:22:

1699 |     130 qw(i,j)=-as(i,j)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 130 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1702:39:

1702 |     140 qw(i,j)=qw(i,j)-ase(i,j)-asw(i,j)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 140 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1708:31:

1708 |     150 qw(i,j)=-as(i,j)*pc(i,jc)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 150 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1711:61:

1711 |     160 qw(i,j)=qw(i,j)-ase(i,j)*pc(i+1,jc)-asw(i,j)*pc(i-1,jc)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 160 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1724:22:

1724 |     104 pd(i,jc)=qw(i,j)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 104 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1733:20:

1733 |         do 500 i=2,im1
|
Warning: Fortran 2018 deleted feature: Shared DO termination label 500 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1734:23:

1734 |         500 rc(i,jc)=pc(i,jc)
|
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 500 at (1)
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1737:20:

```



```
1737 |         do 502 i=2,im1
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 502 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1738:17:

```
1738 |         502 rc(i,jc)=1.
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 502 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1747:20:

```
1747 |         do 560 i=2,im1
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 560 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1748:16:

```
1748 |         560 qw(i,j)=1.
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 560 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1752:20:

```
1752 |         do 561 i=2,im1
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 561 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1753:53:

```
1753 |         561 qw(i,j)=(pd(i,jc)*pc(i,jc)+pu(i,jc)*pc(i,jc+1))
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 561 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1765:33:

```
1765 |         570 ru(i,jc)=-as(i,j+1)*qw(i,j)
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 570 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1768:65:

```
1768 |         580 ru(i,jc)=ru(i,jc)-ase(i,j+1)*qw(i+1,j)-asw(i,j+1)*qw(i-1,j)
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 580 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1774:33:

```
1774 |         650 rd(i,jc)=-an(i,j-1)*qw(i,j)
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 650 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1777:65:

```
1777 |         660 rd(i,jc)=rd(i,jc)-ane(i,j-1)*qw(i+1,j)-anw(i,j-1)*qw(i-1,j)
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 660 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1787:20:

```
1787 |         do 670 i=2,im1
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 670 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgp.f:1789:23:

```
1789 |         670 rd(i,jc)=pd(i,jc)
      |         |
      |         |
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 670 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1798:20:

```
1798 |         do 200 i=2,im1
      |                1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 200 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1813:46:

```
1813 |     200 anwc(i,jc)=pu(i-1,jc)*aw(i,j+1)*pd(i,jc)
      |                                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 200 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1818:20:

```
1818 |         do 210 i=2,im1
      |                1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 210 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1826:67:

```
1826 |     210 anwc(i,jc)=anwc(i,jc)+anw(i,j+1)*pd(i,jc)+pu(i-1,jc)*anw(i,j)
      |                                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 210 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1834:20:

```
1834 |         do 300 i=2,im1
      |                1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 300 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1857:46:

```
1857 |     300 anwc(i,jc)=rd(i,jc)*aw(i,j+1)*pu(i-1,jc)
      |                                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 300 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1862:20:

```
1862 |         do 310 i=2,im1
      |                1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 310 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1878:56:

```
1878 |         +                rc(i,jc)*anw(i,j)*pu(i-1,jc)
      |                                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 310 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1884:20:

```
1884 |         do 111 i=2,im1
      |                1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 111 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1887:39:

```
1887 |     111         write(lout,1011) as(i,j)
      |                                1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 111 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1894:20:

```
1894 |         do 115 i=2,im1
      |                1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 115 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1897:57:

```
1897 | 115 write(lout,1016) asw(i,j),as(i,j),ase(i,j)
      | 1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 115 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1905:20:

```
1905 | do 211 i=2,im1
      | 1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 211 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1912:63:

```
1912 | 211 write(lout,*) ' m, kf-1=',m,kf-1
      | 1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 211 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1935:40:

```
1935 | 10 write(lout,100) j,(q(i,j),i=ib,ie)
      | 1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 10 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1960:21:

```
1960 | do 321 i=lo,nxd
      | 1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 321 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:1965:16:

```
1965 | 321 an(i,j)=0.
      | 1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 321 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2009:29:

```
2009 | do 20 j=jb(ing),jt(ing)
      | 1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 20 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2013:17:

```
2013 | 20 f(i,j)=freg
      | 1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 20 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2020:19:

```
2020 | do 30 j=1,ny1
      | 1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 30 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2033:19:

```
2033 | do 40 i=1,nx1
      | 1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 40 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2045:18:

```
2045 | do 45 j=0,ny
      | 1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 45 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2047:23:

```
2047 | 45 an(i,j)=as(i,j+1)
      | 1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D O or CONTINUE with label 45 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2049:18:

```
2049 |         do 50 j=1,ny
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 50 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2052:37:

```
2052 |         50 if(ac(i,j).eq.0.) ac(i,j)=dcell
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 50 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2058:29:

```
2058 |         do 52 j=jb(ing),jt(ing)
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 52 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2062:28:

```
2062 |         52 as(i,j)=as(i,j)-b(ing)
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 52 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2066:29:

```
2066 |         do 54 j=jb(ing),jt(ing)
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 54 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2070:28:

```
2070 |         54 ac(i,j)=ac(i,j)-b(ing)
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 54 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2140:20:

```
2140 |         83 an(nx1,j-1)=0.
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 83 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2145:20:

```
2145 |         86 ae(i-1,ny1)=0.
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 86 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2149:23:

```
2149 |         do 90 i=0,nx1,nx1
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: Shared DO termination label 90 at (1)  
/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2155:15:

```
2155 |         90 f(i,j)=0.
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 90 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2173:17:

```
2173 |         100 f(nx1,j)=0.
      |         |  
      |         1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END D  
O or CONTINUE with label 100 at (1)

/home/anisha/Cactus/Cactus/configs/sim/build/IDAxibrillBH/shmgrp.f:2189:17:

```
2189 | 110 f(i,ny1)=0.  
    | 1
```

**Warning:** Fortran 2018 deleted feature: DO termination statement which is not END DO or CONTINUE with label 110 at (1)

```
COMPILING EinsteinInitialData/IDAxibrillBH/src/ParamCheck.c  
COMPILING configs/sim/bindings/build/IDAxibrillBH/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDAxibrillBH.a  
Checking status of thorn IDAxioOddBrillBH  
COMPILING EinsteinInitialData/IDAxioOddBrillBH/src/IDAxioOddBrillBH.F  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_BaikalVacuum.a  
COMPILING EinsteinInitialData/IDAxioOddBrillBH/src/Stab2d.F  
COMPILING EinsteinInitialData/IDAxioOddBrillBH/src/ParamCheck.c  
Checking status of thorn IDConstraintViolate  
COMPILING EinsteinInitialData/IDConstraintViolate/src/Initial.F77  
COMPILING EinsteinInitialData/IDConstraintViolate/src/ParamChecker.c  
COMPILING configs/sim/bindings/build/IDConstraintViolate/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDConstraintViolate.a  
Checking status of thorn IDFileADM  
COMPILING EinsteinInitialData/IDFileADM/src/IDFileADM_ParamCheck.c  
COMPILING EinsteinInitialData/IDFileADM/src/IDFileADM_Init.c  
COMPILING configs/sim/bindings/build/IDFileADM/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDFileADM.a  
Checking status of thorn IDLinearWaves  
COMPILING EinsteinInitialData/IDLinearWaves/src/ParamCheck.c  
COMPILING EinsteinInitialData/IDLinearWaves/src/planewaves.F77  
COMPILING configs/sim/bindings/build/IDAxioOddBrillBH/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDAxioOddBrillBH.a  
COMPILING EinsteinInitialData/IDLinearWaves/src/sine_planewaves.F77  
Checking status of thorn IDScalarWave  
COMPILING CactusWave/IDScalarWave/src/InitialData.F77  
COMPILING EinsteinInitialData/IDLinearWaves/src/standing_planewaves.F77  
COMPILING CactusWave/IDScalarWave/src/CheckParameters.F77  
COMPILING EinsteinInitialData/IDLinearWaves/src/teukwaves.F77  
COMPILING configs/sim/bindings/build/IDScalarWave/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDScalarWave.a  
COMPILING configs/sim/bindings/build/IDLinearWaves/cctk_ThornBindings.c  
Checking status of thorn IDScalarWaveC  
COMPILING CactusWave/IDScalarWaveC/src/InitialData.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDLinearWaves.a  
COMPILING CactusWave/IDScalarWaveC/src/CheckParameters.c  
Checking status of thorn IDScalarWaveCXX  
COMPILING configs/sim/bindings/build/IDScalarWaveC/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDScalarWaveC.a  
Checking status of thorn IDScalarWaveElliptic  
COMPILING CactusWave/IDScalarWaveCXX/src/InitialData.cc  
COMPILING CactusWave/IDScalarWaveElliptic/src/SourceData.F90  
COMPILING configs/sim/bindings/build/IDScalarWaveElliptic/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDScalarWaveElliptic.  
a  
COMPILING CactusWave/IDScalarWaveCXX/src/CheckParameters.cc  
Checking status of thorn IDWaveMoL  
COMPILING CactusExamples/IDWaveMoL/src/InitialData.c  
COMPILING configs/sim/bindings/build/IDScalarWaveCXX/cctk_ThornBindings.c  
COMPILING CactusExamples/IDWaveMoL/src/CheckParameters.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDScalarWaveCXX.a  
Checking status of thorn ID_converter_GiRaFFE  
COMPILING configs/sim/bindings/build/IDWaveMoL/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDWaveMoL.a  
Checking status of thorn ID_converter_ILGRMHD  
COMPILING WWUThorns/ID_converter_GiRaFFE/src/set_GiRaFFE_metric_GRMHD_variables_ba  
sed_on_HydroBase_and_ADMBase_variables.C  
COMPILING configs/sim/bindings/build/ID_converter_ILGRMHD/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ID_converter_ILGRMHD.  
a
```

```
Checking status of thorn IOASCII
COMPILING CactusBase/IOASCII/src/Startup.c
COMPILING CactusBase/IOASCII/src/ChooseOutput.c
COMPILING CactusBase/IOASCII/src/Output1D.c
COMPILING CactusBase/IOASCII/src/Write1D.c
COMPILING configs/sim/bindings/build/ID_converter_GiRaFFE/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ID_converter_GiRaFFE.
a
COMPILING CactusBase/IOASCII/src/Output2D.c
Checking status of thorn IOBasic
COMPILING CactusBase/IOASCII/src/Write2D.c
COMPILING CactusBase/IOBasic/src/Startup.c
COMPILING CactusBase/IOBasic/src/OutputScalar.c
COMPILING CactusBase/IOBasic/src/OutputInfo.c
COMPILING CactusBase/IOASCII/src/Output3D.c
COMPILING CactusBase/IOASCII/src/Write3D.c
COMPILING CactusBase/IOBasic/src/WriteScalar.c
COMPILING CactusBase/IOBasic/src/WriteInfo.c
COMPILING configs/sim/bindings/build/IOBasic/cctk_ThornBindings.c
COMPILING configs/sim/bindings/build/IOASCII/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IOBasic.a
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IOASCII.a
Checking status of thorn libjpeg
Checking status of thorn InitBase
COMPILING configs/sim/bindings/build/libjpeg/cctk_ThornBindings.c
COMPILING configs/sim/bindings/build/InitBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_libjpeg.a
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_InitBase.a
Checking status of thorn InterpToArray
Checking status of thorn LORENE
LORENE: Preparing directory structure...
COMPILING CactusNumerical/InterpToArray/src/interp.c
LORENE: Unpacking archive...
~/Cactus/Cactus/configs/sim/scratch/build/LORENE ~/Cactus/Cactus/configs/sim/scrat
ch
patching file Lorene/C++/Source/Bin_hor/binhor_hh.C
patching file Lorene/C++/Source/Binaire/binaire_orbite.C
patching file Lorene/C++/Source/Binary_xcts/binary_orbit_xcts.C
patching file Lorene/C++/Source/Gravastar/gravastar_equil.C
patching file Lorene/C++/Source/Isol_hor/init_data.C
patching file Lorene/C++/Source/Time_slice/tslice_conf_init.C
patching file Lorene/C++/Source/Time_slice/tslice_dirac_max_evolve.C
patching file Lorene/C++/Makefile
patching file Lorene/C++/Source/App_hor/Makefile
patching file Lorene/C++/Source/App_hor/Makefile_lib
patching file Lorene/C++/Source/App_hor/Makefile_lib_g
patching file Lorene/C++/Source/Base_val/Makefile
patching file Lorene/C++/Source/Base_val/Makefile_lib
patching file Lorene/C++/Source/Base_val/Makefile_lib_g
patching file Lorene/C++/Source/Base_vect/Makefile
patching file Lorene/C++/Source/Base_vect/Makefile_lib
patching file Lorene/C++/Source/Base_vect/Makefile_lib_g
patching file Lorene/C++/Source/Bhole/Makefile
patching file Lorene/C++/Source/Bhole/Makefile_lib
patching file Lorene/C++/Source/Bhole/Makefile_lib_g
patching file Lorene/C++/Source/Bhole_binaire/Makefile
patching file Lorene/C++/Source/Bhole_binaire/Makefile_lib
patching file Lorene/C++/Source/Bhole_binaire/Makefile_lib_g
patching file Lorene/C++/Source/Binaire/Makefile
patching file Lorene/C++/Source/Binaire/Makefile_lib
patching file Lorene/C++/Source/Binaire/Makefile_lib_g
patching file Lorene/C++/Source/Binary/Makefile
patching file Lorene/C++/Source/Binary/Makefile_lib
patching file Lorene/C++/Source/Binary/Makefile_lib_g
```

patching file Lorene/C++/Source/Binary\_xcts/Makefile  
patching file Lorene/C++/Source/Binary\_xcts/Makefile\_lib  
patching file Lorene/C++/Source/Binary\_xcts/Makefile\_lib\_g  
patching file Lorene/C++/Source/Bin\_bhns/Makefile  
patching file Lorene/C++/Source/Bin\_bhns/Makefile\_lib  
patching file Lorene/C++/Source/Bin\_bhns/Makefile\_lib\_g  
patching file Lorene/C++/Source/Bin\_bhns\_extr/Makefile  
patching file Lorene/C++/Source/Bin\_bhns\_extr/Makefile\_lib  
patching file Lorene/C++/Source/Bin\_bhns\_extr/Makefile\_lib\_g  
patching file Lorene/C++/Source/Bin\_hor/Makefile  
patching file Lorene/C++/Source/Bin\_hor/Makefile\_lib  
patching file Lorene/C++/Source/Bin\_hor/Makefile\_lib\_g  
patching file Lorene/C++/Source/Bin\_ns\_bh/Makefile  
patching file Lorene/C++/Source/Bin\_ns\_bh/Makefile\_lib  
patching file Lorene/C++/Source/Bin\_ns\_bh/Makefile\_lib\_g  
patching file Lorene/C++/Source/Bin\_ns\_ncp/Makefile  
patching file Lorene/C++/Source/Bin\_ns\_ncp/Makefile\_lib  
patching file Lorene/C++/Source/Bin\_ns\_ncp/Makefile\_lib\_g  
patching file Lorene/C++/Source/Black\_hole/Makefile  
patching file Lorene/C++/Source/Black\_hole/Makefile\_lib  
patching file Lorene/C++/Source/Black\_hole/Makefile\_lib\_g  
patching file Lorene/C++/Source/Champ\_cart/Makefile  
patching file Lorene/C++/Source/Champ\_cart/Makefile\_lib  
patching file Lorene/C++/Source/Champ\_cart/Makefile\_lib\_g  
patching file Lorene/C++/Source/Change\_var/Makefile  
patching file Lorene/C++/Source/Change\_var/Makefile\_lib  
patching file Lorene/C++/Source/Change\_var/Makefile\_lib\_g  
patching file Lorene/C++/Source/Cmp/Makefile  
patching file Lorene/C++/Source/Cmp/Makefile\_lib  
patching file Lorene/C++/Source/Cmp/Makefile\_lib\_g  
patching file Lorene/C++/Source/Compobj/Makefile  
patching file Lorene/C++/Source/Compobj/Makefile\_lib  
patching file Lorene/C++/Source/Compobj/Makefile\_lib\_g  
patching file Lorene/C++/Source/Connection/Makefile  
patching file Lorene/C++/Source/Connection/Makefile\_lib  
patching file Lorene/C++/Source/Connection/Makefile\_lib\_g  
patching file Lorene/C++/Source/Coord/Makefile  
patching file Lorene/C++/Source/Coord/Makefile\_lib  
patching file Lorene/C++/Source/Coord/Makefile\_lib\_g  
patching file Lorene/C++/Source/CVS/Makefile  
patching file Lorene/C++/Source/Diff/Makefile  
patching file Lorene/C++/Source/Diff/Makefile\_lib  
patching file Lorene/C++/Source/Diff/Makefile\_lib\_g  
patching file Lorene/C++/Source/Dim\_tbl/Makefile  
patching file Lorene/C++/Source/Eos/Makefile  
patching file Lorene/C++/Source/Eos/Makefile\_lib  
patching file Lorene/C++/Source/Eos/Makefile\_lib\_g  
patching file Lorene/C++/Source/Etoile/Makefile  
patching file Lorene/C++/Source/Etoile/Makefile\_lib  
patching file Lorene/C++/Source/Etoile/Makefile\_lib\_g  
patching file Lorene/C++/Source/Excised\_slice/Makefile  
patching file Lorene/C++/Source/Excised\_slice/Makefile\_lib  
patching file Lorene/C++/Source/Excised\_slice/Makefile\_lib\_g  
patching file Lorene/C++/Source/Gravastar/Makefile  
patching file Lorene/C++/Source/Gravastar/Makefile\_lib  
patching file Lorene/C++/Source/Gravastar/Makefile\_lib\_g  
patching file Lorene/C++/Source/Grille3d/Makefile  
patching file Lorene/C++/Source/Grille3d/Makefile\_lib  
patching file Lorene/C++/Source/Grille3d/Makefile\_lib\_g  
patching file Lorene/C++/Source/Grille\_cart/Makefile  
patching file Lorene/C++/Source/Grille\_cart/Makefile\_lib  
patching file Lorene/C++/Source/Grille\_cart/Makefile\_lib\_g  
patching file Lorene/C++/Source/Hole\_bhns/Makefile  
patching file Lorene/C++/Source/Hole\_bhns/Makefile\_lib

patching file Lorene/C++/Source/Hole\_bhns/Makefile\_lib\_g  
patching file Lorene/C++/Source/Isol\_hole/Makefile  
patching file Lorene/C++/Source/Isol\_hole/Makefile\_lib  
patching file Lorene/C++/Source/Isol\_hole/Makefile\_lib\_g  
patching file Lorene/C++/Source/Isol\_hor/Makefile  
patching file Lorene/C++/Source/Isol\_hor/Makefile\_lib  
patching file Lorene/C++/Source/Isol\_hor/Makefile\_lib\_g  
patching file Lorene/C++/Source/Itbl/Makefile  
COMPILING configs/sim/bindings/build/InterpToArray/cctk\_ThornBindings.c  
patching file Lorene/C++/Source/Itbl/Makefile\_lib  
patching file Lorene/C++/Source/Itbl/Makefile\_lib\_g  
patching file Lorene/C++/Source/Map/Makefile  
patching file Lorene/C++/Source/Map/Makefile\_lib  
patching file Lorene/C++/Source/Map/Makefile\_lib\_g  
patching file Lorene/C++/Source/Map\_cart/Makefile  
patching file Lorene/C++/Source/Map\_cart/Makefile\_lib  
patching file Lorene/C++/Source/Map\_cart/Makefile\_lib\_g  
patching file Lorene/C++/Source/Matrice/Makefile  
patching file Lorene/C++/Source/Matrice/Makefile\_lib  
patching file Lorene/C++/Source/Matrice/Makefile\_lib\_g  
patching file Lorene/C++/Source/Metric/Makefile  
patching file Lorene/C++/Source/Metric/Makefile\_lib  
patching file Lorene/C++/Source/Metric/Makefile\_lib\_g  
patching file Lorene/C++/Source/Metrique/Makefile  
patching file Lorene/C++/Source/Metrique/Makefile\_lib  
patching file Lorene/C++/Source/Metrique/Makefile\_lib\_g  
patching file Lorene/C++/Source/Mg3d/Makefile  
patching file Lorene/C++/Source/Mg3d/Makefile\_lib  
patching file Lorene/C++/Source/Mg3d/Makefile\_lib\_g  
patching file Lorene/C++/Source/Mtbl/Makefile  
patching file Lorene/C++/Source/Mtbl/Makefile\_lib  
patching file Lorene/C++/Source/Mtbl/Makefile\_lib\_g  
patching file Lorene/C++/Source/Mtbl\_cf/Makefile  
patching file Lorene/C++/Source/Mtbl\_cf/Makefile\_lib  
patching file Lorene/C++/Source/Mtbl\_cf/Makefile\_lib\_g  
patching file Lorene/C++/Source/Non\_class\_members/Coef/FFT991/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/Coef/FFT991/Makefile\_lib  
patching file Lorene/C++/Source/Non\_class\_members/Coef/FFT991/Makefile\_lib\_g  
patching file Lorene/C++/Source/Non\_class\_members/Coef/FFTW3/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/Coef/FFTW3/Makefile\_lib  
patching file Lorene/C++/Source/Non\_class\_members/Coef/FFTW3/Makefile\_lib\_g  
patching file Lorene/C++/Source/Non\_class\_members/Coef/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/Coef/Makefile\_lib  
patching file Lorene/C++/Source/Non\_class\_members/Coef/Makefile\_lib\_g  
patching file Lorene/C++/Source/Non\_class\_members/Graphics/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/Graphics/Makefile\_lib  
patching file Lorene/C++/Source/Non\_class\_members/Graphics/Makefile\_lib\_g  
patching file Lorene/C++/Source/Non\_class\_members/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/Operators/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/Operators/Makefile\_lib  
patching file Lorene/C++/Source/Non\_class\_members/Operators/Makefile\_lib\_g  
patching file Lorene/C++/Source/Non\_class\_members/PDE/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/PDE/Makefile\_lib  
patching file Lorene/C++/Source/Non\_class\_members/PDE/Makefile\_lib\_g  
patching file Lorene/C++/Source/Non\_class\_members/Utilities/Makefile  
patching file Lorene/C++/Source/Non\_class\_members/Utilities/Makefile\_lib  
patching file Lorene/C++/Source/Non\_class\_members/Utilities/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_helmholtz\_minus\_2d/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_helmholtz\_minus\_2d/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_helmholtz\_minus\_2d/Makefile\_lib\_g  
\_g



patching file Lorene/C++/Source/Ope\_elementary/Ope\_helmholtz\_minus\_pseudo\_1d/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_helmholtz\_minus\_pseudo\_1d/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_helmholtz\_minus\_pseudo\_1d/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_poisson\_2d/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_poisson\_2d/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_poisson\_2d/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_poisson\_pseudo\_1d/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_poisson\_pseudo\_1d/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_poisson\_pseudo\_1d/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_pois\_vect\_r/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_pois\_vect\_r/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_pois\_vect\_r/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_sec\_order/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_sec\_order/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_sec\_order/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_sec\_order\_r2/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_sec\_order\_r2/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_sec\_order\_r2/Makefile\_lib\_g  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_vorton/Makefile  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_vorton/Makefile\_lib  
patching file Lorene/C++/Source/Ope\_elementary/Ope\_vorton/Makefile\_lib\_g  
patching file Lorene/C++/Source/Param/Makefile  
patching file Lorene/C++/Source/Param/Makefile\_lib  
patching file Lorene/C++/Source/Param/Makefile\_lib\_g  
patching file Lorene/C++/Source/Param\_elliptic/Makefile  
patching file Lorene/C++/Source/Param\_elliptic/Makefile\_lib  
patching file Lorene/C++/Source/Param\_elliptic/Makefile\_lib\_g  
patching file Lorene/C++/Source/QuadriD/Makefile  
patching file Lorene/C++/Source/QuadriD/Makefile\_lib  
patching file Lorene/C++/Source/QuadriD/Makefile\_lib\_g  
patching file Lorene/C++/Source/Star/Makefile  
patching file Lorene/C++/Source/Star/Makefile\_lib  
patching file Lorene/C++/Source/Star/Makefile\_lib\_g  
patching file Lorene/C++/Source/Star\_bhns/Makefile  
patching file Lorene/C++/Source/Star\_bhns/Makefile\_lib  
patching file Lorene/C++/Source/Star\_bhns/Makefile\_lib\_g  
patching file Lorene/C++/Source/Tbl/Makefile  
patching file Lorene/C++/Source/Tbl/Makefile\_lib  
patching file Lorene/C++/Source/Tbl/Makefile\_lib\_g  
patching file Lorene/C++/Source/Tenseur/Makefile  
patching file Lorene/C++/Source/Tenseur/Makefile\_lib  
patching file Lorene/C++/Source/Tenseur/Makefile\_lib\_g  
patching file Lorene/C++/Source/Tensor/Makefile  
patching file Lorene/C++/Source/Tensor/Makefile\_lib  
patching file Lorene/C++/Source/Tensor/Makefile\_lib\_g  
patching file Lorene/C++/Source/Tensor/Scalar/Makefile  
patching file Lorene/C++/Source/Tensor/Scalar/Makefile\_lib  
patching file Lorene/C++/Source/Tensor/Scalar/Makefile\_lib\_g  
patching file Lorene/C++/Source/Time\_slice/Makefile  
patching file Lorene/C++/Source/Time\_slice/Makefile\_lib  
patching file Lorene/C++/Source/Time\_slice/Makefile\_lib\_g  
patching file Lorene/C++/Source/Valencia/Makefile  
patching file Lorene/C++/Source/Valencia/Makefile\_lib  
patching file Lorene/C++/Source/Valencia/Makefile\_lib\_g  
patching file Lorene/C++/Source/Valeur/Makefile  
patching file Lorene/C++/Source/Valeur/Makefile\_lib  
patching file Lorene/C++/Source/Valeur/Makefile\_lib\_g  
patching file Lorene/Export/C++/Makefile  
patching file Lorene/Export/C++/Source/Makefile  
patching file Lorene/F77/Makefile

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patching file Lorene/F77/Source/Makefile
patching file Lorene/global_settings
patching file Lorene/Makefile
patching file Lorene/C++/Makefile
patching file Lorene/Export/C++/Source/bin_ns_aux.C
Hunk #1 succeeded at 338 (offset 16 lines).
patching file Lorene/Export/C++/Source/bin_bh_aux.C
patching file Lorene/Export/C++/Source/bin_ns_aux.C
Hunk #1 succeeded at 59 (offset 3 lines).
Hunk #2 succeeded at 85 (offset 3 lines).
patching file Lorene/Export/C++/Source/mag_ns_aux.C
patching file Lorene/C++/Source/Eos/eos_multi_poly.C
patching file Lorene/C++/Source/Eos/eos_tabul.C
patching file Lorene/C++/Include/nbr_spx.h
patching file Lorene/.patch_tmp
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_InterpToArray.a
Checking status of thorn LeanBSSNMOL
COMPILING Lean/LeanBSSNMOL/src/adm_vs_bssn.F90
LORENE: Configuring...
LORENE: Building...
COMPILING Lean/LeanBSSNMOL/src/boundaries.F90
COMPILING Lean/LeanBSSNMOL/src/calc_bssn_rhs.F90
base_vect.C: In constructor 'Base_vect::Base_vect(FILE*)':
base_vect.C:107:10: warning: ignoring return value of 'size_t fread(void*, size_t,
size_t, FILE*)' declared with attribute 'warn_unused_result' [8;https://gcc.gn
u.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
8;]
 107 |     fread(name, sizeof(char), 100, fich) ;
      |     ~~~~~^~~~~~
COMPILING Lean/LeanBSSNMOL/src/RegisterSlicing.c
COMPILING Lean/LeanBSSNMOL/src/Basegrid.F90
COMPILING Lean/LeanBSSNMOL/src/bssn_constraints.F90
COMPILING Lean/LeanBSSNMOL/src/evolve_utils.F90
COMPILING Lean/LeanBSSNMOL/src/RegisterVars.c
COMPILING Lean/LeanBSSNMOL/src/zero_rhs.F90
COMPILING Lean/LeanBSSNMOL/src/ParamCheck.c
COMPILING configs/sim/bindings/build/LeanBSSNMOL/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LeanBSSNMOL.a
Checking status of thorn LocalInterp
COMPILING CactusNumerical/LocalInterp/src/Startup.c
COMPILING CactusNumerical/LocalInterp/src/Operator.c
COMPILING CactusNumerical/LocalInterp/src/Interpolate.c
COMPILING configs/sim/bindings/build/LocalInterp/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LocalInterp.a
cd2mrs.f:210:19:

 210 |     17          JM1=JM2
      |             1
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
O or CONTINUE with label 17 at (1)
grgp2s.f:136:13:

 136 |          PAUSE
      |             1
Warning: Deleted feature: PAUSE statement at (1)
grgp3s.f:202:19:

 198 |          DO LF=2,NF
      |             2
.....
 202 |          CDEN(LR,LY,LF)=0
      |             1
Warning: Array reference at (1) out of bounds (2 > 1) in loop beginning at (2)
grgp3s.f:486:19:

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482 |          DO LF=2,NF
      |                2
.....
486 |          CDEN(LR,LY,LF)=0
      |                1
Warning: Array reference at (1) out of bounds (2 > 1) in loop beginning at (2)
invers.f:78:15:

  78 | 1          Q(I)=I
      |                1
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
0 or CONTINUE with label 1 at (1)
invers.f:85:18:

  85 |          DO 5 K=I,N
      |                1
Warning: Fortran 2018 deleted feature: Shared DO termination label 5 at (1)
invers.f:97:20:

  97 | 7          Q(J+1)=Q(J)
      |                1
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
0 or CONTINUE with label 7 at (1)
invers.f:107:17:

 107 | 8          A(L,J)=T
      |                1
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
0 or CONTINUE with label 8 at (1)
invers.f:115:25:

 115 | 10         A(L,J)=A(L,J)*T
      |                1
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
0 or CONTINUE with label 10 at (1)
invers.f:123:19:

 123 |          DO 12 K=1,N
      |                1
Warning: Fortran 2018 deleted feature: Shared DO termination label 12 at (1)
invers.f:124:32:

 124 | 12         A(J,K)=A(J,K)-A(L,K)*T
      |                1
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
0 or CONTINUE with label 12 at (1)
invers.f:137:18:

 137 | 15         A(K,L)=T
      |                1
Warning: Fortran 2018 deleted feature: DO termination statement which is not END D
0 or CONTINUE with label 15 at (1)
ar: creating /home/anisha/Cactus/Cactus/configs/sim/scratch/build/LORENE/Lorene/Li
b/liblorenef77.a
a - Source/fax.o
a - Source/huntm.o
a - Source/insmts.o
a - Source/leqt1s.o
a - Source/tf9s.o
a - Source/Poisson2d/cd1mrs.o
a - Source/Poisson2d/cd1xms.o
a - Source/Poisson2d/cd1yms.o
a - Source/Poisson2d/cd1zms.o

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a - Source/Poisson2d/cd2mrs.o  
a - Source/Poisson2d/cd2xms.o  
a - Source/Poisson2d/cd2yms.o  
a - Source/Poisson2d/cd2zms.o  
a - Source/Poisson2d/ced1rs.o  
a - Source/Poisson2d/ced2rs.o  
a - Source/Poisson2d/cep13s.o  
a - Source/Poisson2d/ceples.o  
a - Source/Poisson2d/cera2s.o  
a - Source/Poisson2d/cerams.o  
a - Source/Poisson2d/cerars.o  
a - Source/Poisson2d/cerx3s.o  
a - Source/Poisson2d/cetams.o  
a - Source/Poisson2d/cety3s.o  
a - Source/Poisson2d/cey23s.o  
a - Source/Poisson2d/cey2ms.o  
a - Source/Poisson2d/cheles.o  
a - Source/Poisson2d/chexms.o  
a - Source/Poisson2d/cheyms.o  
a - Source/Poisson2d/chezms.o  
a - Source/Poisson2d/chi2ms.o  
a - Source/Poisson2d/chinms.o  
a - Source/Poisson2d/chins.o  
a - Source/Poisson2d/chixms.o  
a - Source/Poisson2d/chiyms.o  
a - Source/Poisson2d/chizms.o  
a - Source/Poisson2d/cirams.o  
a - Source/Poisson2d/cirars.o  
a - Source/Poisson2d/cirx2s.o  
a - Source/Poisson2d/cirx3s.o  
a - Source/Poisson2d/cirxms.o  
a - Source/Poisson2d/citxms.o  
a - Source/Poisson2d/city3s.o  
a - Source/Poisson2d/ciy22s.o  
a - Source/Poisson2d/ciy23s.o  
a - Source/Poisson2d/ciy2ms.o  
a - Source/Poisson2d/conn3s.o  
a - Source/Poisson2d/conrs.o  
a - Source/Poisson2d/decfms.o  
a - Source/Poisson2d/derfms.o  
a - Source/Poisson2d/defms.o  
a - Source/Poisson2d/dess3ps.o  
a - Source/Poisson2d/di2ras.o  
a - Source/Poisson2d/dimras.o  
a - Source/Poisson2d/dir1ms.o  
a - Source/Poisson2d/dir2ms.o  
a - Source/Poisson2d/dira2s.o  
a - Source/Poisson2d/dircms.o  
a - Source/Poisson2d/dirn1s.o  
a - Source/Poisson2d/dis2ms.o  
a - Source/Poisson2d/disems.o  
a - Source/Poisson2d/disr3s.o  
a - Source/Poisson2d/divq1s.o  
a - Source/Poisson2d/dixr1s.o  
a - Source/Poisson2d/exrm1s.o  
a - Source/Poisson2d/extm1s.o  
a - Source/Poisson2d/extm2s.o  
a - Source/Poisson2d/extr1s.o  
a - Source/Poisson2d/fcer3s.o  
a - Source/Poisson2d/fcez3s.o  
a - Source/Poisson2d/fciq3s.o  
a - Source/Poisson2d/fcir2s.o  
a - Source/Poisson2d/fcir3s.o  
a - Source/Poisson2d/fuce3s.o

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a - Source/Poisson2d/fuci3s.o
a - Source/Poisson2d/glagos.o
a - Source/Poisson2d/gpar2s.o
a - Source/Poisson2d/gr2p1s.o
a - Source/Poisson2d/gr2p3s.o
a - Source/Poisson2d/grgp2s.o
a - Source/Poisson2d/grgp3s.o
a - Source/Poisson2d/ilggos.o
a - Source/Poisson2d/ilgprs.o
a - Source/Poisson2d/inecos.o
a - Source/Poisson2d/integrale2d.o
a - Source/Poisson2d/intras.o
a - Source/Poisson2d/invers.o
a - Source/Poisson2d/lapp3s.o
a - Source/Poisson2d/lege1.o
a - Source/Poisson2d/mag13s.o
a - Source/Poisson2d/pegpjs.o
a - Source/Poisson2d/poisson2d.o
a - Source/Poisson2d/poisson2di.o
a - Source/Poisson2d/prims.o
a - Source/Poisson2d/priq1s.o
a - Source/Poisson2d/tfinms.o
a - Source/Poisson2d/tfins.o
a - Source/Poisson2d/tfixms.o
a - Source/Poisson2d/tfiyms.o
a - Source/Poisson2d/tfizms.o
a - Source/Poisson2d/tfm1s.o
a - Source/Poisson2d/tfm2s.o
a - Source/Poisson2d/tfm3s.o
a - Source/Poisson2d/tfmxs.o
a - Source/Poisson2d/tfmys.o
a - Source/Poisson2d/tfmzs.o
a - Source/Poisson2d/titi.o
a - Source/Poisson2d/traxe1s.o
Checking status of thorn LocalInterp2
COMPILING CactusNumerical/LocalInterp2/src/Startup.c
COMPILING CactusNumerical/LocalInterp2/src/Operator.c
COMPILING CactusNumerical/LocalInterp2/src/Interpolate.cc
COMPILING configs/sim/bindings/build/LocalInterp2/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LocalInterp2.a
Checking status of thorn LocalReduce
COMPILING CactusNumerical/LocalReduce/src/Startup.c
COMPILING CactusNumerical/LocalReduce/src/Reduction.c
COMPILING CactusNumerical/LocalReduce/src/ReductionAvg.c
COMPILING CactusNumerical/LocalReduce/src/AvgFunctions.c
COMPILING CactusNumerical/LocalReduce/src/ReductionMax.c
COMPILING CactusNumerical/LocalReduce/src/MaxFunctions.c
blackhole.C: In constructor 'Black_hole::Black_hole(Map&, FILE*)':
blackhole.C:153:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
8;
153 |         fread(&kerrschild, sizeof(bool), 1, fich) ;
    |         ~~~~~^~~~~~
blackhole.C:154:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
8;
154 |         fread(&mass_bh, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
COMPILING CactusNumerical/LocalReduce/src/ReductionMin.c
COMPILING CactusNumerical/LocalReduce/src/MinFunctions.c
COMPILING CactusNumerical/LocalReduce/src/ReductionCount.c
COMPILING CactusNumerical/LocalReduce/src/CountFunctions.c

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COMPILING CactusNumerical/LocalReduce/src/ReductionSum.c
COMPILING CactusNumerical/LocalReduce/src/SumFunctions.c
COMPILING CactusNumerical/LocalReduce/src/ReductionNorm1.c
COMPILING CactusNumerical/LocalReduce/src/Norm1Functions.c
COMPILING CactusNumerical/LocalReduce/src/ReductionNorm2.c
COMPILING CactusNumerical/LocalReduce/src/Norm2Functions.c
COMPILING CactusNumerical/LocalReduce/src/ReductionNorm3.c
COMPILING CactusNumerical/LocalReduce/src/Norm3Functions.c
eos.C: In constructor 'Eos::Eos(FILE*)':
eos.C:127:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
127 |     fread(name, sizeof(char), 100, fich) ;
    |     ~~~~~^~~~~~
COMPILING CactusNumerical/LocalReduce/src/ReductionNorm4.c
COMPILING CactusNumerical/LocalReduce/src/Norm4Functions.c
eos_bifluid.C: In constructor 'Eos_bifluid::Eos_bifluid(FILE*)':
eos_bifluid.C:159:8: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
159 |     fread(dummy, sizeof(char),MAX_EOSNAME, fich) ;
    |     ~~~~~^~~~~~
eos_fitting.C: In constructor 'Eos_fitting::Eos_fitting(FILE*)':
eos_fitting.C:86:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
86 |     fread(dataname, sizeof(char), 160, fich) ;
    |     ~~~~~^~~~~~
COMPILING CactusNumerical/LocalReduce/src/ReductionNormInf.c
COMPILING CactusNumerical/LocalReduce/src/NormInfFunctions.c
eos_mag.C: In constructor 'Eos_mag::Eos_mag(FILE*)':
eos_mag.C:108:8: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
108 |     fread(tmp_name, sizeof(char), 160, fich) ;
    |     ~~~~~^~~~~~
COMPILING configs/sim/bindings/build/LocalReduce/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LocalReduce.a
eos_tabul.C: In constructor 'Eos_tabul::Eos_tabul(FILE*)':
eos_tabul.C:148:8: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
148 |     fread(tmp_string, sizeof(char), 160, fich) ;
    |     ~~~~~^~~~~~
et_bin_bhns_extr.C: In constructor 'Et_bin_bhns_extr::Et_bin_bhns_extr(Map&, const Eos&, const Base_vect&, FILE*)':
et_bin_bhns_extr.C:83:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
83 |     fread(&kerrschild, sizeof(bool), 1, fich) ;
    |     ~~~~~^~~~~~
et_bin_bhns_extr.C:86:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
86 |     fread(&multipole, sizeof(bool), 1, fich) ;
    |     ~~~~~^~~~~~
COMPILING configs/sim/bindings/build/LORENE/cctk_ThornBindings.c
hole_bhns.C: In constructor 'Hole_bhns::Hole_bhns(Map&, FILE*)':
hole_bhns.C:292:10: warning: ignoring return value of 'size_t fread(void*, size_t,

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size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
292 |         fread(&bc_lapconf_nd, sizeof(bool), 1, fich) ;
    |         ~~~~~^~~~~~
hole_bhns.C:293:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
293 |         fread(&bc_lapconf_fs, sizeof(bool), 1, fich) ;
    |         ~~~~~^~~~~~
hole_bhns.C:294:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
294 |         fread(&irrotational, sizeof(bool), 1, fich) ;
    |         ~~~~~^~~~~~
hole_bhns.C:295:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
295 |         fread(&omega_spin, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
Checking status of thorn ML_BSSN_Test
COMPILING configs/sim/bindings/build/ML_BSSN_Test/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ML_BSSN_Test.a
etoile.C: In constructor 'Etoile::Etoile(Map&, const Eos&, FILE*)':
etoile.C:300:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
300 |         fread(&relativistic, sizeof(bool), 1, fich) ;
    |         ~~~~~^~~~~~
etoile_bin.C: In constructor 'Etoile_bin::Etoile_bin(Map&, const Eos&, const Base_vect&, FILE*)':
etoile_bin.C:366:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
366 |         fread(&irrotational, sizeof(bool), 1, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C: In constructor 'Bin_BH::Bin_BH(FILE*)':
bin_bh.C:57:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
57 |         fread(&omega, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:58:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
58 |         fread(&dist, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:59:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
59 |         fread(&radius2, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:60:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]
60 |         fread(&np, sizeof(int), 1, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:64:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result
8;;]

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g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
77 |         fread(k_xx, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:78:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
78 |         fread(k_xy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:79:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
79 |         fread(k_xz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:80:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
80 |         fread(k_yy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:81:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
81 |         fread(k_yz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:82:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
82 |         fread(k_zz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:83:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
83 |         fread(dpsi_x, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:84:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
84 |         fread(dpsi_y, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:85:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
85 |         fread(dpsi_z, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:86:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
86 |         fread(d2psi_xx, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:87:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
87 |         fread(d2psi_xy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:88:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
88 |         fread(d2psi_xz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:89:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
89 |         fread(d2psi_yy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:90:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz

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e_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
90 |         fread(d2psi_yz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_bh.C:91:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
91 |         fread(d2psi_zz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C: In constructor 'Bin_NS::Bin_NS(FILE*)':
bin_ns.C:57:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
57 |         fread(eos_name1, sizeof(char), 100, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:58:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
58 |         fread(&gamma_poly1, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:59:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
59 |         fread(&kappa_poly1, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:60:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
60 |         fread(eos_name2, sizeof(char), 100, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:61:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
61 |         fread(&gamma_poly2, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:62:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
62 |         fread(&kappa_poly2, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:63:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
63 |         fread(&omega, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:64:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
64 |         fread(&dist, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:65:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
65 |         fread(&dist_mass, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:66:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
66 |         fread(&mass1_b, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:67:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
67 |         fread(&mass2_b, sizeof(double), 1, fich) ;

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|          ~~~~~^~~~~~
bin_ns.C:68:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
68 |         fread(&mass_adm, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:69:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
69 |         fread(&angu_mom, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:70:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
70 |         fread(&rad1_x_comp, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:71:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
71 |         fread(&rad1_y, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:72:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
72 |         fread(&rad1_z, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:73:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
73 |         fread(&rad1_x_opp, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:74:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
74 |         fread(&rad2_x_comp, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:75:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
75 |         fread(&rad2_y, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:76:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
76 |         fread(&rad2_z, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:77:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
77 |         fread(&rad2_x_opp, sizeof(double), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:78:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
78 |         fread(&np, sizeof(int), 1, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:82:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
82 |         fread(xx, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
bin_ns.C:83:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]

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g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
96 |         fread(k_xy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:97:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
97 |         fread(k_xz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:98:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
98 |         fread(k_yy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:99:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
99 |         fread(k_yz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
bin_ns.C:100:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
100 |        fread(k_zz, sizeof(double), np, fich) ;
    |        ~~~~~^~~~~~
bin_ns.C:101:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
101 |        fread(nbar, sizeof(double), np, fich) ;
    |        ~~~~~^~~~~~
bin_ns.C:102:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
102 |        fread(ener_spec, sizeof(double), np, fich) ;
    |        ~~~~~^~~~~~
bin_ns.C:103:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
103 |        fread(u_euler_x, sizeof(double), np, fich) ;
    |        ~~~~~^~~~~~
bin_ns.C:104:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
104 |        fread(u_euler_y, sizeof(double), np, fich) ;
    |        ~~~~~^~~~~~
bin_ns.C:105:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
105 |        fread(u_euler_z, sizeof(double), np, fich) ;
    |        ~~~~~^~~~~~
bin_ns_aux.C: In constructor 'Bin_NS::Bin_NS(int, const double*, const double*, const double*, const char*)':
bin_ns_aux.C:93:10: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
93 |         fread(&mer, sizeof(int), 1, fich) ; // mer
    |         ~~~~~^~~~~~
mag_ns.C: In constructor 'Mag_NS::Mag_NS(FILE*)':
mag_ns.C:57:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;8]
57 |         fread(eos_name, sizeof(char), 100, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:58:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8;8;8;https://gcc.gnu.org

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g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
58 |         fread(&gamma_poly, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:59:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
59 |         fread(&kappa_poly, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:60:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
60 |         fread(&omega, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:61:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
61 |         fread(&rho_c, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:62:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
62 |         fread(&eps_c, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:63:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
63 |         fread(&mass_b, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:64:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
64 |         fread(&mass_g, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:65:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
65 |         fread(&r_eq, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:66:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
66 |         fread(&r_p, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:67:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
67 |         fread(&angu_mom, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:68:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
68 |         fread(&T_over_W, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:69:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
69 |         fread(&magn_mom, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:70:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz
e_t, FILE*)' declared with attribute 'warn_unused_result' []8;;https://gcc.gnu.or
g/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[]8;;[]
70 |         fread(&b_z_pole, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:71:14: warning: ignoring return value of 'size_t fread(void*, size_t, siz

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e_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
71 |         fread(&b_z_eq, sizeof(double), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:72:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
72 |         fread(&np, sizeof(int), 1, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:76:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
76 |         fread(xx, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:77:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
77 |         fread(yy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:78:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
78 |         fread(zz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:79:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
79 |         fread(nnn, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:80:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
80 |         fread(beta_x, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:81:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
81 |         fread(beta_y, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:82:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
82 |         fread(beta_z, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:83:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
83 |         fread(g_xx, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:84:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
84 |         fread(g_xy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:85:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
85 |         fread(g_xz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:86:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8];[8]
86 |         fread(g_yy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~

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mag_ns.C:87:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
87 |         fread(g_yz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:88:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
88 |         fread(g_zz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:89:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
89 |         fread(k_xx, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:90:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
90 |         fread(k_xy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:91:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
91 |         fread(k_xz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:92:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
92 |         fread(k_yy, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:93:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
93 |         fread(k_yz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:94:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
94 |         fread(k_zz, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:95:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
95 |         fread(nbar, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:96:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
96 |         fread(ener_spec, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:97:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
97 |         fread(u_euler_x, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:98:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
98 |         fread(u_euler_y, sizeof(double), np, fich) ;
    |         ~~~~~^~~~~~
mag_ns.C:99:14: warning: ignoring return value of 'size_t fread(void*, size_t, size_t, FILE*)' declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[0]8;;[0]
99 |         fread(u_euler_z, sizeof(double), np, fich) ;
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|          ~~~~~^~~~~~
mag_ns.C:100:14: warning: ignoring return value of 'size_t fread(void*, size_t, si
ze_t, FILE*)' declared with attribute 'warn_unused_result' [8];;https://gcc.gnu.o
rg/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;;8]
100 |         fread(bb_x, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
mag_ns.C:101:14: warning: ignoring return value of 'size_t fread(void*, size_t, si
ze_t, FILE*)' declared with attribute 'warn_unused_result' [8];;https://gcc.gnu.o
rg/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;;8]
101 |         fread(bb_y, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
mag_ns.C:102:14: warning: ignoring return value of 'size_t fread(void*, size_t, si
ze_t, FILE*)' declared with attribute 'warn_unused_result' [8];;https://gcc.gnu.o
rg/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;;8]
102 |         fread(bb_z, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
mag_ns.C:103:14: warning: ignoring return value of 'size_t fread(void*, size_t, si
ze_t, FILE*)' declared with attribute 'warn_unused_result' [8];;https://gcc.gnu.o
rg/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;;8]
103 |         fread(jj_t, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
mag_ns.C:104:14: warning: ignoring return value of 'size_t fread(void*, size_t, si
ze_t, FILE*)' declared with attribute 'warn_unused_result' [8];;https://gcc.gnu.o
rg/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;;8]
104 |         fread(jj_x, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
mag_ns.C:105:14: warning: ignoring return value of 'size_t fread(void*, size_t, si
ze_t, FILE*)' declared with attribute 'warn_unused_result' [8];;https://gcc.gnu.o
rg/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;;8]
105 |         fread(jj_y, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
mag_ns.C:106:14: warning: ignoring return value of 'size_t fread(void*, size_t, si
ze_t, FILE*)' declared with attribute 'warn_unused_result' [8];;https://gcc.gnu.o
rg/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;;8]
106 |         fread(jj_z, sizeof(double), np, fich) ;
|          ~~~~~^~~~~~
ar: creating /home/anisha/Cactus/Cactus/configs/sim/scratch/build/LORENE/Lorene/Li
b/liblorene_export.a
a - bin_bh.o
a - bin_bh_aux.o
a - bin_ns.o
a - bin_ns_aux.o
a - mag_ns.o
a - mag_ns_aux.o
a - write_lines.o
Checking status of thorn ML_CCZ4_Test
COMPILING configs/sim/bindings/build/ML_CCZ4_Test/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ML_CCZ4_Test.a
Checking status of thorn ML_WaveToy_Test
COMPILING configs/sim/bindings/build/ML_WaveToy_Test/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ML_WaveToy_Test.a
Checking status of thorn MoL
COMPILING CactusNumerical/MoL/src/AB.c
COMPILING CactusNumerical/MoL/src/ChangeType.c
COMPILING CactusNumerical/MoL/src/Counter.c
COMPILING CactusNumerical/MoL/src/Euler.c
COMPILING CactusNumerical/MoL/src/GenericRK.c
COMPILING CactusNumerical/MoL/src/ICN.c
COMPILING CactusNumerical/MoL/src/IndexArrays.c
COMPILING CactusNumerical/MoL/src/InitialCopy.c
COMPILING CactusNumerical/MoL/src/MoLPresync.cc
COMPILING CactusNumerical/MoL/src/Operators.c
COMPILING CactusNumerical/MoL/src/ParamCheck.c
COMPILING CactusNumerical/MoL/src/ScratchSpace.c

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COMPILING CactusNumerical/MoL/src/RK2.c
COMPILING CactusNumerical/MoL/src/RK2-central.c
COMPILING CactusNumerical/MoL/src/RK2-MR-2_1.c
COMPILING CactusNumerical/MoL/src/RK4-MR-2_1.c
COMPILING CactusNumerical/MoL/src/RK4-RK2.c
COMPILING CactusNumerical/MoL/src/RK3.c
COMPILING CactusNumerical/MoL/src/RK4.c
COMPILING CactusNumerical/MoL/src/RK45.c
COMPILING CactusNumerical/MoL/src/RK65.c
COMPILING CactusNumerical/MoL/src/RK87.c
COMPILING CactusNumerical/MoL/src/Registration.c
COMPILING CactusNumerical/MoL/src/RKCoefficients.c
COMPILING CactusNumerical/MoL/src/RHSNaNCheck.c
COMPILING CactusNumerical/MoL/src/SandR.c
COMPILING CactusNumerical/MoL/src/SetTime.c
COMPILING CactusNumerical/MoL/src/Startup.c
COMPILING CactusNumerical/MoL/src/StepSize.c
COMPILING configs/sim/bindings/build/MoL/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_MoL.a
Checking status of thorn NPScalars
COMPILING Lean/NPScalars/src/Basegrid.F90
COMPILING Lean/NPScalars/src/NP_calc_psi_gfs.F90
COMPILING Lean/NPScalars/src/NP_boundaries.F90
COMPILING Lean/NPScalars/src/ParamCheck.c
COMPILING configs/sim/bindings/build/NPScalars/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NPScalars.a
Checking status of thorn NPScalars_Proca
COMPILING Proca/NPScalars_Proca/src/Basegrid.F90
COMPILING Proca/NPScalars_Proca/src/NP_boundaries.F90
COMPILING Proca/NPScalars_Proca/src/NP_calc_psi_gfs.F90
COMPILING configs/sim/bindings/build/NPScalars_Proca/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NPScalars_Proca.a
Checking status of thorn NRPyEllipticET
COMPILING EinsteinInitialData/NRPyEllipticET/src/NRPyEllipticET.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/NRPyEllipticET_cleanup.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/NRPyElliptic
ET_conformally_flat_BBH_Hyperbolic_Relaxation.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/NRPyElliptic
ET_conformally_flat_BBH_Initialize_ADMBase.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/NRPyElliptic
ET_conformally_flat_BBH_interpolate_solution_to_ADMBase.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_L2_norm_of_gf.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_MoL_free_memory_non_y_n_gfs.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_MoL_free_memory_y_n_gfs.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_MoL_malloc_non_y_n_gfs.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_MoL_malloc_y_n_gfs.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_MoL_step_forward_in_time.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_auxevol_gfs_all_points.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_compute_ADM_Cartesian_quantities_from_uu.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_driver_bcstruct.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_find_timestep.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_freemem_bcstruct.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
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flat_BBH_get_xx_from_xyz.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_initial_guess_all_points.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_initial_guess_single_point.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_lapse_averaged_initial_data.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_lapse_power_of_psi_initial_data.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_residual_all_points.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_rfm_precompute_rfmstruct_define.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_rfm_precompute_rfmstruct_freemem.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_rfm_precompute_rfmstruct_malloc.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_rhs_eval.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_set_Cparameters_to_default.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_set_Nxx_dxx_invdx_params__and__xx.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_set_bcstruct.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_set_optimum_eta_damping.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_set_up__bc_gz_map_and_parity_condns.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_wavespeed_gf_all_points.c
COMPILING EinsteinInitialData/NRPyEllipticET/src/conformally_flat_BBH/conformally_
flat_BBH_xx_to_Cart.c
COMPILING configs/sim/bindings/build/NRPyEllipticET/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NRPyEllipticET.a
Checking status of thorn NaNcatcher
COMPILING CactusUtils/NaNcatcher/src/catch_nans.c
COMPILING configs/sim/bindings/build/NaNcatcher/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NANcatcher.a
Checking status of thorn NaNchecker
COMPILING CactusUtils/NaNchecker/src/NaNcheck.cc
COMPILING configs/sim/bindings/build/NaNchecker/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NANchecker.a
Checking status of thorn NewRad
COMPILING EinsteinEvolve/NewRad/src/extrap.cc
COMPILING EinsteinEvolve/NewRad/src/newrad.cc
COMPILING configs/sim/bindings/build/NewRad/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NewRad.a
Checking status of thorn Nice
COMPILING CactusUtils/Nice/src/nice.c
COMPILING configs/sim/bindings/build/Nice/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Nice.a
Checking status of thorn Noise
COMPILING CactusNumerical/Noise/src/id_noise.c
COMPILING CactusNumerical/Noise/src/bc_noise.c
COMPILING configs/sim/bindings/build/Noise/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Noise.a
Checking status of thorn Norms
COMPILING CactusNumerical/Norms/src/Setup_Vars.c
COMPILING CactusNumerical/Norms/src/Compute_Norm.c
COMPILING configs/sim/bindings/build/Norms/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Norms.a
Checking status of thorn NullDecomp
COMPILING PITNullCode/NullDecomp/src/NullDecomp_sYlm.F90
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COMPILING PITTNullCode/NullDecomp/src/NullDecomp_Vars.F90
COMPILING PITTNullCode/NullDecomp/src/NullDecomp_IO.F90
COMPILING PITTNullCode/NullDecomp/src/NullDecomp_SpinDecomp.F90
COMPILING PITTNullCode/NullDecomp/src/Startup.F90
COMPILING configs/sim/bindings/build/NullDecomp/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullDecomp.a
Checking status of thorn NullGrid
COMPILING PITTNullCode/NullGrid/src/NullGrid_InitCoord.F90
COMPILING PITTNullCode/NullGrid/src/NullGrid_Vars.F90
COMPILING PITTNullCode/NullGrid/src/NullGrid_RegisterRanges.c
COMPILING PITTNullCode/NullGrid/src/NullGrid_Setup.F90
COMPILING configs/sim/bindings/build/NullGrid/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullGrid.a
Checking status of thorn NullVars
COMPILING configs/sim/bindings/build/NullVars/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullVars.a
Checking status of thorn OpenSSL
COMPILING configs/sim/bindings/build/OpenSSL/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_OpenSSL.a
Checking status of thorn Outflow
COMPILING EinsteinAnalysis/Outflow/src/outflow.c
COMPILING configs/sim/bindings/build/Outflow/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Outflow.a
Checking status of thorn TATelliptic
COMPILING CactusElliptic/TATelliptic/src/TATelliptic.c
COMPILING CactusElliptic/TATelliptic/src/TATmonitor.c
COMPILING configs/sim/bindings/build/TATelliptic/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TATelliptic.a
Checking status of thorn ProcaBase
COMPILING Proca/ProcaBase/src/Proca_Symmetries.F90
COMPILING Proca/ProcaBase/src/init.c
COMPILING configs/sim/bindings/build/ProcaBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ProcaBase.a
Checking status of thorn ProcaEvolve
COMPILING Proca/ProcaEvolve/src/Proca_RegisterVars.c
COMPILING Proca/ProcaEvolve/src/Proca_calc_rhs.F90
COMPILING Proca/ProcaEvolve/src/Proca_Boundaries.F90
COMPILING Proca/ProcaEvolve/src/Proca_calc_Tmunu.F90
COMPILING Proca/ProcaEvolve/src/Proca_InitSymBound.F90
COMPILING Proca/ProcaEvolve/src/Proca_adm_vs_bssn.F90
COMPILING Proca/ProcaEvolve/src/Proca_zero_rhs.F90
COMPILING configs/sim/bindings/build/ProcaEvolve/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ProcaEvolve.a
Checking status of thorn Proca_simpleID
COMPILING Proca/Proca_simpleID/src/Proca.c
COMPILING configs/sim/bindings/build/Proca_simpleID/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Proca_simpleID.a
star_bin.C: In constructor 'Star_bin::Star_bin(Map&, const Eos&, FILE*)':
star_bin.C:298:10: warning: ignoring return value of 'size_t fread(void*, size_t,
size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gn
u.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
8;
298 |         fread(&irrotational, sizeof(bool), 1, fich) ;
      |         ~~~~~^~~~~~
star_bin.C:299:10: warning: ignoring return value of 'size_t fread(void*, size_t,
size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gn
u.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
8;
299 |         fread(&conf_flat, sizeof(bool), 1, fich) ;
      |         ~~~~~^~~~~~
star_bhns.C: In constructor 'Star_bhns::Star_bhns(Map&, const Eos&, FILE*)':
star_bhns.C:253:10: warning: ignoring return value of 'size_t fread(void*, size_t,
size_t, FILE*)' declared with attribute 'warn_unused_result' [8];https://gcc.gn
u.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result

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8;;[
253 |         fread(&irrotational, sizeof(bool), 1, fich) ;
      |         ~~~~~^~~~~~
Checking status of thorn PunctureTracker
COMPILING EinsteinAnalysis/PunctureTracker/src/puncture_tracker.cc
COMPILING EinsteinAnalysis/PunctureTracker/src/paramcheck.cc
COMPILING configs/sim/bindings/build/PunctureTracker/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_PunctureTracker.a
Checking status of thorn ReductionTest
COMPILING Carpet/ReductionTest/src/CoM.c
COMPILING configs/sim/bindings/build/ReductionTest/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ReductionTest.a
Checking status of thorn ReductionTest2
COMPILING Carpet/ReductionTest2/src/CoM.c
COMPILING configs/sim/bindings/build/ReductionTest2/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ReductionTest2.a
star_rot.C: In constructor 'Star_rot::Star_rot(Map&, const Eos&, FILE*)':
star_rot.C:207:10: warning: ignoring return value of 'size_t fread(void*, size_t,
size_t, FILE*)' declared with attribute 'warn_unused_result' [8;;https://gcc.gn
u.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result[8;;[
8;;[
207 |         fread(&relativistic, sizeof(bool), 1, fich) ;           //## to be checked
      |         ~~~~~^~~~~~
!
      |         ~~~~~^~~~~~
scalar_visu.C: In member function 'void Scalar::visu_section(const Tbl&, double, d
ouble, double, double, const char*, const char*, bool, int, int) const':
scalar_visu.C:314:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8;;[8;;[
314 |         system("rm -f visu_section.dxhead") ;
      |         ~~~~~^~~~~~
scalar_visu.C:315:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8;;[8;;[
315 |         system(commande) ;                                     // ln -s headername visu_s
ection.general
      |         ~~~~~^~~~~~
scalar_visu.C:316:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8;;[8;;[
316 |         system("dx -image visu_section.net &") ;
      |         ~~~~~^~~~~~
scalar_visu.C: In member function 'void Scalar::visu_box(double, double, double, d
ouble, double, double, const char*, const char*, bool, int, int, int) const':
scalar_visu.C:502:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8;;[8;;[
502 |         system("rm -f visu_scalar_box.dxhead") ;
      |         ~~~~~^~~~~~
scalar_visu.C:503:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8;;[8;;[
503 |         system(commande) ;                                     // ln -s headername visu_s
ection.general
      |         ~~~~~^~~~~~
scalar_visu.C:504:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8;;[8;;[
504 |         system("dx -image visu_scalar_box.net &") ;
      |         ~~~~~^~~~~~
scalar_visu.C: In member function 'void Scalar::visu_section_anim(char, double, do
uble, double, double, double, int, double, int, const char*, const char*, bool, in
t, int) const':
scalar_visu.C:564:15: warning: ignoring return value of 'int system(const char*)'

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declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
564 |         system("dx -edit anime.net &") ;
      |         ~~~~~^~~~~~
Checking status of thorn ReductionTest3
COMPILING Carpet/ReductionTest3/src/CoM.c
COMPILING configs/sim/bindings/build/ReductionTest3/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ReductionTest3.a
Checking status of thorn ReflectionSymmetry
COMPILING CactusNumerical/ReflectionSymmetry/src/apply.c
COMPILING CactusNumerical/ReflectionSymmetry/src/interpolate.c
COMPILING CactusNumerical/ReflectionSymmetry/src/register.c
COMPILING configs/sim/bindings/build/ReflectionSymmetry/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ReflectionSymmetry.a
Checking status of thorn RegridSyncTest
COMPILING Carpet/RegridSyncTest/src/regridsynctest.F90
COMPILING Carpet/RegridSyncTest/src/output.c
COMPILING configs/sim/bindings/build/RegridSyncTest/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_RegridSyncTest.a
Checking status of thorn RotatingDBHIVP
COMPILING EinsteinInitialData/RotatingDBHIVP/src/RotatingDBHIVP.F
vector_visu.C: In member function 'void Vector::visu_arrows(double, double, double,
double, double, double, const char*, const char*, bool, int, int, int) const':
vector_visu.C:256:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
256 |         system("rm -f visu_vector3d.dxhead") ;
      |         ~~~~~^~~~~~
vector_visu.C:257:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
257 |         system(commande) ; // ln -s headername visu_s
ection.general
      |         ~~~~~^~~~~~
vector_visu.C:258:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
258 |         system("dx -image visu_vector3d.net &") ;
      |         ~~~~~^~~~~~
vector_visu.C: In member function 'void Vector::visu_streamline(double, double, double,
double, double, double, const char*, const char*, bool, int, int, int) const':
vector_visu.C:477:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
477 |         system("rm -f visu_vector3d_SL.general") ;
      |         ~~~~~^~~~~~
vector_visu.C:478:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
478 |         system(commande) ; // ln -s headername visu_s
ection.general
      |         ~~~~~^~~~~~
vector_visu.C:479:15: warning: ignoring return value of 'int system(const char*)'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
479 |         system("dx -image visu_vector3d_SL.net &") ;
      |         ~~~~~^~~~~~
COMPILING EinsteinInitialData/RotatingDBHIVP/src/Stab3d.F
COMPILING EinsteinInitialData/RotatingDBHIVP/src/ParamCheck.c
COMPILING configs/sim/bindings/build/RotatingDBHIVP/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_RotatingDBHIVP.a
Checking status of thorn SGRID
SGRID: Preparing directory structure...

```

```

SGRID: Unpacking archive...
~/Cactus/Cactus/configs/sim/scratch/build/SGRID ~/Cactus/Cactus/configs/sim/scrat
h
~/Cactus/Cactus/configs/sim/scratch/build/SGRID/sgrid ~/Cactus/Cactus/configs/sim/
scratch/build/SGRID ~/Cactus/Cactus/configs/sim/scratch
patching file .patch_tmp
~/Cactus/Cactus/configs/sim/scratch/build/SGRID ~/Cactus/Cactus/configs/sim/scrat
h
SGRID: Building...
CC=gcc
CXX=gcc
CLINKER=gcc
PwP.c: In function 'PwP_init_file':
PwP.c:269:47: warning: '%15.14f' directive writing between 15 and 325 bytes into a
region of size between 0 and 999 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-
Options.html#index-Wformat-overflow=2-Wformat-overflow=2]8;;2]
    269 |     for(i=2;i<PwP_n_pieces;i++) sprintf(par,"%s %15.14f",par, PwP_rho0[i]);
        |                                     ^~~~~~
PwP.c:269:43: note: assuming directive output of 16 bytes
    269 |     for(i=2;i<PwP_n_pieces;i++) sprintf(par,"%s %15.14f",par, PwP_rho0[i]);
        |                                     ^~~~~~
PwP.c:269:31: note: 'sprintf' output between 17 and 1326 bytes into a destination
of size 1000
    269 |     for(i=2;i<PwP_n_pieces;i++) sprintf(par,"%s %15.14f",par, PwP_rho0[i]);
        |                                     ^~~~~~
PwP.c:263:47: warning: '%15.14f' directive writing between 15 and 325 bytes into a
region of size between 0 and 999 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-
Options.html#index-Wformat-overflow=2-Wformat-overflow=2]8;;2]
    263 |     for(i=1;i<PwP_n_pieces;i++) sprintf(par,"%s %15.14f",par, PwP_n[i]);
        |                                     ^~~~~~
PwP.c:263:43: note: assuming directive output of 16 bytes
    263 |     for(i=1;i<PwP_n_pieces;i++) sprintf(par,"%s %15.14f",par, PwP_n[i]);
        |                                     ^~~~~~
PwP.c:263:31: note: 'sprintf' output between 17 and 1326 bytes into a destination
of size 1000
    263 |     for(i=1;i<PwP_n_pieces;i++) sprintf(par,"%s %15.14f",par, PwP_n[i]);
        |                                     ^~~~~~
setup_CubedSpheres.c: In function 'convert_6boxes_to_CubedSphere':
setup_CubedSpheres.c:244:27: warning: 'snprintf' output may be truncated before th
e last format character [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.h
tml#index-Wformat-truncation=2-Wformat-truncation=2]8;;2]
    244 |     snprintf(val, 999, "%s", name);
        |                   ^
setup_CubedSpheres.c:244:5: note: 'snprintf' output between 1 and 1000 bytes into
a destination of size 999
    244 |     snprintf(val, 999, "%s", name);
        |     ^~~~~~
lu.c: In function 'pr_C_vector':
lu.c:170:34: warning: format '%g' expects argument of type 'double', but argument
2 has type 'int' [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#in
dex-Wformat=2-Wformat=2]8;;2]
    170 |     for(i=0; i<n; i++) printf("%.15g\n", i, x[i]);
        |                                ~~~~~^
        |                                |
        |                                int
        |                                double
        |                                %.15d
lu.c:170:29: warning: too many arguments for format [8];;https://gcc.gnu.org/onli
nedocs/gcc/Warning-Options.html#index-Wformat-extra-args2-Wformat-extra-args2]
8;;2]
    170 |     for(i=0; i<n; i++) printf("%.15g\n", i, x[i]);
        |                                ^~~~~~
SGRID: Installing...
~/Cactus/Cactus/configs/sim/scratch

```

SGRID: Cleaning up...  
SGRID: Done.  
COMPILING configs/sim/bindings/build/SGRID/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_SGRID.a  
Checking status of thorn SampleBoundary  
COMPILING CactusExamples/SampleBoundary/src/Register.c  
COMPILING CactusExamples/SampleBoundary/src/LinearExtrapBnd.c  
COMPILING CactusExamples/SampleBoundary/src/LinearExtrapBnd.F  
COMPILING configs/sim/bindings/build/SampleBoundary/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_SampleBoundary.a  
Checking status of thorn SampleIO  
COMPILING CactusExamples/SampleIO/src/Startup.c  
COMPILING CactusExamples/SampleIO/src/Output.c  
COMPILING CactusExamples/SampleIO/src/Write.c  
COMPILING configs/sim/bindings/build/SampleIO/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_SampleIO.a  
Checking status of thorn ScalarBase  
COMPILING Scalar/ScalarBase/src/Basegrid.F90  
COMPILING Scalar/ScalarBase/src/Scalar\_rhs\_forcing.F90  
COMPILING configs/sim/bindings/build/ScalarBase/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ScalarBase.a  
Checking status of thorn ScalarEvolve  
COMPILING Scalar/ScalarEvolve/src/Scalar\_RegisterVars.c  
COMPILING Scalar/ScalarEvolve/src/Scalar\_ord4\_calc\_rhs.F90  
COMPILING Scalar/ScalarEvolve/src/Scalar\_Boundaries.F90  
COMPILING Scalar/ScalarEvolve/src/Scalar\_calc\_Tmunu.F90  
COMPILING Scalar/ScalarEvolve/src/Scalar\_InitSymBound.F90  
COMPILING Scalar/ScalarEvolve/src/Scalar\_adm\_vs\_bssn.F90  
COMPILING Scalar/ScalarEvolve/src/Scalar\_zero\_rhs.F90  
COMPILING Scalar/ScalarEvolve/src/Scalar\_zero\_densities.F90  
COMPILING Scalar/ScalarEvolve/src/Scalar\_init.c  
COMPILING Scalar/ScalarEvolve/src/Scalar\_utils.F90  
COMPILING configs/sim/bindings/build/ScalarEvolve/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ScalarEvolve.a  
Checking status of thorn ScalarInit  
COMPILING Scalar/ScalarInit/src/ID\_SF\_calc\_Gaussian.c  
COMPILING Scalar/ScalarInit/src/ID\_SF\_calc\_BS.c  
COMPILING Scalar/ScalarInit/src/ID\_SF\_calc\_Const.c  
COMPILING Scalar/ScalarInit/src/ID\_SF\_ParamCheck.c  
COMPILING configs/sim/bindings/build/ScalarInit/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ScalarInit.a  
Checking status of thorn Seed\_Magnetic\_Fields  
COMPILING WVUThorns/Seed\_Magnetic\_Fields/src/Seed\_Magnetic\_Fields\_TOV.C  
COMPILING WVUThorns/Seed\_Magnetic\_Fields/src/Seed\_Magnetic\_Fields\_BNS.C  
COMPILING configs/sim/bindings/build/Seed\_Magnetic\_Fields/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_Seed\_Magnetic\_Fields.  
a  
Checking status of thorn SlabTest  
COMPILING CactusNumerical/SlabTest/src/slabtest.c  
COMPILING configs/sim/bindings/build/SlabTest/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_SlabTest.a  
Checking status of thorn SphericalSurface  
COMPILING CactusNumerical/SphericalSurface/src/check.c  
COMPILING CactusNumerical/SphericalSurface/src/radius.c  
COMPILING CactusNumerical/SphericalSurface/src/setup.cc  
COMPILING configs/sim/bindings/build/SphericalSurface/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_SphericalSurface.a  
Checking status of thorn StaticConformal  
COMPILING EinsteinBase/StaticConformal/src/Initialise.c  
COMPILING EinsteinBase/StaticConformal/src/ConfPhys.c  
COMPILING configs/sim/bindings/build/StaticConformal/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_StaticConformal.a  
Checking status of thorn SymBase  
COMPILING CactusBase/SymBase/src/Check.c



```

COMPILING CactusBase/SymBase/src/Faces.c
COMPILING CactusBase/SymBase/src/Handles.c
COMPILING CactusBase/SymBase/src/Interpolation.c
COMPILING CactusBase/SymBase/src/Startup.c
COMPILING CactusBase/SymBase/src/Statistics.c
COMPILING CactusBase/SymBase/src/Table.c
COMPILING configs/sim/bindings/build/SymBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SymBase.a
Checking status of thorn SystemStatistics
COMPILING CactusUtils/SystemStatistics/src/systemstatistics.cc
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
In function 'size_t get_uordblks()':
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
292:18: warning: 'mallinfo mallinfo()' is deprecated [8];;https://gcc.gnu.org/onl
inedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations8;;]
292 |     return mallinfo().uordblks;
    |           ~~~~~^~
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistic
s/systemstatistics.cc:14:
/usr/include/malloc.h:114:24: note: declared here
114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
    |                       ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
In function 'size_t get_hblkhd()':
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
297:18: warning: 'mallinfo mallinfo()' is deprecated [8];;https://gcc.gnu.org/onl
inedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations8;;]
297 |     return mallinfo().hblkhd;
    |           ~~~~~^~
/usr/include/malloc.h:114:24: note: declared here
114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
    |                       ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
In function 'void SystemStatistics_Collect(cGH*)':
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
375:20: warning: 'mallinfo mallinfo()' is deprecated [8];;https://gcc.gnu.org/onl
inedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations8;;]
375 |     *arena = mallinfo().arena;
    |             ~~~~~^~
/usr/include/malloc.h:114:24: note: declared here
114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
    |                       ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
376:22: warning: 'mallinfo mallinfo()' is deprecated [8];;https://gcc.gnu.org/onl
inedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations8;;]
376 |     *ordblks = mallinfo().ordblks;
    |              ~~~~~^~
/usr/include/malloc.h:114:24: note: declared here
114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
    |                       ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:
377:20: warning: 'mallinfo mallinfo()' is deprecated [8];;https://gcc.gnu.org/onl
inedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations8;;]
377 |     *hblks = mallinfo().hblks;
    |            ~~~~~^~
/usr/include/malloc.h:114:24: note: declared here
114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
    |                       ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:

```

380:23: warning: 'mallinfo mallinfo()' is deprecated [8];<https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations>]

```
380 | *fordblks = mallinfo().fordblks;
```

/usr/include/malloc.h:114:24: note: declared here

```
114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
```

/home/anisha/Cactus/Cactus/configs/sim/build/SystemStatistics/systemstatistics.cc:  
381:23: warning: 'mallinfo mallinfo()' is deprecated [8];<https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations>]

```
381 | *keepcost = mallinfo().keepcost;
```

/usr/include/malloc.h:114:24: note: declared here

```
114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
```

```
COMPILING configs/sim/bindings/build/SystemStatistics/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SystemStatistics.a  
Checking status of thorn TerminationTrigger  
COMPILING CactusUtils/TerminationTrigger/src/file.c  
COMPILING CactusUtils/TerminationTrigger/src/paramcheck.c  
COMPILING CactusUtils/TerminationTrigger/src/signal.c  
COMPILING CactusUtils/TerminationTrigger/src/trigger.c  
COMPILING CactusUtils/TerminationTrigger/src/walltime.c  
COMPILING configs/sim/bindings/build/TerminationTrigger/cctk_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TerminationTrigger.a  
Checking status of thorn TestArrays  
COMPILING CactusTest/TestArrays/src/Array.F  
ar: creating /home/anisha/Cactus/Cactus/configs/sim/scratch/build/LORENE/Lorene/Lib/liblorene.a  
a - Source/App_hor/Objects/excision_lapse_4.o  
a - Source/App_hor/Objects/spheroid.o  
a - Source/App_hor/Objects/excision_surf.o  
a - Source/App_hor/Objects/set_expa_evol.o  
a - Source/App_hor/Objects/excision_hor.o  
a - Source/App_hor/Objects/app_hor_finder.o  
a - Source/Base_val/Objects/base_val_name_r.o  
a - Source/Base_val/Objects/base_val_name_theta.o  
a - Source/Base_val/Objects/base_val_mult.o  
a - Source/Base_val/Objects/base_val_manip.o  
a - Source/Base_val/Objects/base_val_phi_funct.o  
a - Source/Base_val/Objects/base_val_theta_funct.o  
a - Source/Base_val/Objects/base_val_name_phi.o  
a - Source/Base_val/Objects/base_val_quantum.o  
a - Source/Base_val/Objects/base_val.o  
a - Source/Base_vect/Objects/base_vect_cart.o  
a - Source/Base_vect/Objects/base_vect_spher.o  
a - Source/Base_vect/Objects/base_vect.o  
a - Source/Base_vect/Objects/base_vect_from_file.o  
a - Source/Bhole/Objects/bhole.o  
a - Source/Bhole/Objects/bhole_init_kerr.o  
a - Source/Bhole/Objects/bhole_with_ns.o  
a - Source/Bhole/Objects/bhole_pseudo_kerr.o  
a - Source/Bhole_binaire/Objects/separation.o  
a - Source/Bhole_binaire/Objects/bhole_equations_bin.o  
a - Source/Bhole_binaire/Objects/bhole_solve_phi.o  
a - Source/Bhole_binaire/Objects/bhole_glob.o  
a - Source/Bhole_binaire/Objects/bhole_pseudo_viriel.o  
a - Source/Bhole_binaire/Objects/bhole_coal.o  
a - Source/Bhole_binaire/Objects/bhole_binaire.o  
a - Source/Bhole_binaire/Objects/regularise_shift.o  
a - Source/Bhole_binaire/Objects/lindquist.o  
a - Source/Bhole_binaire/Objects/bhole_kij.o
```

a - Source/Bin\_bhns/Objects/bin\_bhns\_orbit.o  
a - Source/Bin\_bhns/Objects/bin\_bhns\_omega\_tp.o  
a - Source/Bin\_bhns/Objects/bin\_bhns\_shift\_ana.o  
a - Source/Bin\_bhns/Objects/bin\_bhns\_rotaxis.o  
a - Source/Bin\_bhns/Objects/bin\_bhns.o  
a - Source/Bin\_bhns/Objects/bin\_bhns\_global.o  
a - Source/Bin\_bhns\_extr/Objects/bin\_bhns\_extr.o  
a - Source/Bin\_bhns\_extr/Objects/bin\_bhns\_extr\_global.o  
a - Source/Bin\_bhns\_extr/Objects/bin\_bhns\_extr\_anashift.o  
a - Source/Bin\_bhns\_extr/Objects/bin\_bhns\_extr\_omegaana.o  
a - Source/Bin\_bhns\_extr/Objects/bin\_bhns\_extr\_orbit.o  
a - Source/Bin\_hor/Objects/bin\_hor.o  
a - Source/Bin\_hor/Objects/binhor\_hh.o  
a - Source/Bin\_hor/Objects/binhor\_kij.o  
a - Source/Bin\_hor/Objects/binhor\_viriel.o  
a - Source/Bin\_hor/Objects/binhor\_coal.o  
a - Source/Bin\_hor/Objects/binhor\_global.o  
a - Source/Bin\_hor/Objects/binhor\_equations.o  
a - Source/Bin\_ns\_bh/Objects/bin\_ns\_bh.o  
a - Source/Bin\_ns\_bh/Objects/bin\_ns\_bh\_anashift.o  
a - Source/Bin\_ns\_bh/Objects/bin\_ns\_bh\_glob.o  
a - Source/Bin\_ns\_bh/Objects/bin\_ns\_bh\_orbit.o  
a - Source/Bin\_ns\_bh/Objects/bin\_ns\_bh\_omegaana.o  
a - Source/Bin\_ns\_bh/Objects/pseudo\_misner.o  
a - Source/Bin\_ns\_bh/Objects/bin\_ns\_bh\_kij.o  
a - Source/Bin\_ns\_bh/Objects/bin\_ns\_bh\_coal.o  
a - Source/Binaire/Objects/binaire\_global.o  
a - Source/Binaire/Objects/binaire\_orbite.o  
a - Source/Binaire/Objects/binaire.o  
a - Source/Binaire/Objects/binaire\_ana\_shift.o  
a - Source/Binaire/Objects/binaire\_constr.o  
a - Source/Binaire/Objects/binaire\_omega\_ana.o  
a - Source/Binary/Objects/binary\_orbite.o  
a - Source/Binary/Objects/binary\_omegaana.o  
a - Source/Binary/Objects/binary.o  
a - Source/Binary/Objects/binary\_anashift.o  
a - Source/Binary/Objects/binary\_helical.o  
a - Source/Binary/Objects/binary\_dirac.o  
a - Source/Binary/Objects/binary\_global.o  
a - Source/Binary\_xcts/Objects/binary\_xcts.o  
a - Source/Binary\_xcts/Objects/binary\_omega\_ana\_xcts.o  
a - Source/Binary\_xcts/Objects/binary\_orbit\_xcts.o  
a - Source/Binary\_xcts/Objects/binary\_anashift\_xcts.o  
a - Source/Binary\_xcts/Objects/binary\_global\_xcts.o  
a - Source/Black\_hole/Objects/blackhole\_rk\_theta.o  
a - Source/Black\_hole/Objects/blackhole.o  
a - Source/Black\_hole/Objects/blackhole\_extr\_curv.o  
a - Source/Black\_hole/Objects/blackhole\_rk\_phi.o  
a - Source/Black\_hole/Objects/blackhole\_bc.o  
a - Source/Black\_hole/Objects/blackhole\_static.o  
a - Source/Black\_hole/Objects/blackhole\_rah\_iso.o  
a - Source/Black\_hole/Objects/blackhole\_killing.o  
a - Source/Black\_hole/Objects/blackhole\_eq\_spher.o  
a - Source/Black\_hole/Objects/blackhole\_global.o  
a - Source/Black\_hole/Objects/blackhole\_r\_coord.o  
a - Source/Change\_var/Objects/change\_var.o  
a - Source/Cmp/Objects/cmp.o  
a - Source/Cmp/Objects/cmp\_pde.o  
a - Source/Cmp/Objects/cmp\_pde\_frontiere.o  
a - Source/Cmp/Objects/cmp\_manip.o  
a - Source/Cmp/Objects/cmp\_poisson\_regu.o  
a - Source/Cmp/Objects/cmp\_pde\_falloff.o  
a - Source/Cmp/Objects/cmp\_pde\_ylm.o  
a - Source/Cmp/Objects/cmp\_arithm.o

a - Source/Cmp/Objects/cmp\_r\_manip.o  
a - Source/Cmp/Objects/cmp\_test\_poisson.o  
a - Source/Cmp/Objects/cmp\_import\_sympy.o  
a - Source/Cmp/Objects/cmp\_deriv.o  
a - Source/Cmp/Objects/cmp\_import.o  
a - Source/Cmp/Objects/cmp\_import\_asymy.o  
a - Source/Cmp/Objects/cmp\_raccord.o  
a - Source/Cmp/Objects/cmp\_asymptot.o  
a - Source/Cmp/Objects/cmp\_math.o  
a - Source/Cmp/Objects/cmp\_raccord\_externe.o  
a - Source/Cmp/Objects/cmp\_integ.o  
a - Source/Cmp/Objects/cmp\_raccord\_zec.o  
a - Source/Compobj/Objects/kerr\_QI.o  
a - Source/Compobj/Objects/boson\_star\_equil.o  
a - Source/Compobj/Objects/boson\_star.o  
a - Source/Compobj/Objects/compobj\_QI.o  
a - Source/Compobj/Objects/compobj.o  
a - Source/Compobj/Objects/star\_QI.o  
a - Source/Compobj/Objects/altBH\_QI.o  
a - Source/Compobj/Objects/star\_QI\_global.o  
a - Source/Compobj/Objects/higgs\_monopole.o  
a - Source/Compobj/Objects/compobj\_QI\_global.o  
a - Source/Connection/Objects/connection\_fcart.o  
a - Source/Connection/Objects/connection\_flat.o  
a - Source/Connection/Objects/connection\_fspher.o  
a - Source/Connection/Objects/connection.o  
a - Source/Coord/Objects/coord\_arithm.o  
a - Source/Coord/Objects/coord.o  
a - Source/Diff/Objects/diff\_mx.o  
a - Source/Diff/Objects/diff\_x3dsdx.o  
a - Source/Diff/Objects/diff\_sx2.o  
a - Source/Diff/Objects/diff\_x4dsdx2.o  
a - Source/Diff/Objects/diff\_x2dsdx2.o  
a - Source/Diff/Objects/diff\_xdsdx.o  
a - Source/Diff/Objects/diff\_xdsdx2.o  
a - Source/Diff/Objects/diff\_dsdx.o  
a - Source/Diff/Objects/diff\_x2dsdx.o  
a - Source/Diff/Objects/diff\_mx2.o  
a - Source/Diff/Objects/diff\_sx.o  
a - Source/Diff/Objects/diff\_id.o  
a - Source/Diff/Objects/diff.o  
a - Source/Diff/Objects/diff\_sxdsdx.o  
a - Source/Diff/Objects/diff\_x3dsdx2.o  
a - Source/Diff/Objects/diff\_dsdx2.o  
a - Source/Eos/Objects/eos\_incomp.o  
a - Source/Eos/Objects/eos\_bf\_poly\_newt.o  
a - Source/Eos/Objects/eos\_fit\_fps.o  
a - Source/Eos/Objects/eos\_fit\_akmalpr.o  
a - Source/Eos/Objects/eos\_sly4.o  
a - Source/Eos/Objects/eos\_bifluid.o  
a - Source/Eos/Objects/eos\_bf\_file.o  
a - Source/Eos/Objects/eos\_poly\_newt.o  
a - Source/Eos/Objects/eos\_akmalpr.o  
a - Source/Eos/Objects/meos.o  
a - Source/Eos/Objects/eos\_fermi.o  
a - Source/Eos/Objects/eos\_tabul.o  
a - Source/Eos/Objects/eos\_fit\_sly4.o  
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COMPILING configs/sim/bindings/build/TestArrays/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestArrays.a
Checking status of thorn TestComplex
COMPILING CactusTest/TestComplex/src/Complex3D.F77
COMPILING CactusTest/TestComplex/src/Complex.c
COMPILING configs/sim/bindings/build/TestComplex/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestComplex.a
Checking status of thorn TestCoordinates
LORENE: Installing...
~/Cactus/Cactus/configs/sim/scratch
LORENE: Cleaning up...
COMPILING CactusTest/TestCoordinates/src/Coords.F77
LORENE: Done.
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LORENE.a
COMPILING configs/sim/bindings/build/TestCoordinates/cctk_ThornBindings.c
Checking status of thorn TestFortranCrayPointers
COMPILING CactusTest/TestFortranCrayPointers/src/main.c
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Checking status of thorn TestFortranDependencies2
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COMPILING CactusTest/TestFortranCrayPointers/src/calling.F90
COMPILING CactusTest/TestFortranDependencies2/src/tfd_module.F90
COMPILING CactusTest/TestFortranDependencies2/src/tfd_use_module.F90
COMPILING configs/sim/bindings/build/TestFortranDependencies2/cctk_ThornBindings.c
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Checking status of thorn TestFpointerNULL
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Checking status of thorn TestFreeF90
COMPILING CactusTest/TestFpointerNULL/src/Caller.c
COMPILING CactusTest/TestFpointerNULL/src/Callee.F77
COMPILING CactusTest/TestFreeF90/src/TestFreeF90.F90
COMPILING configs/sim/bindings/build/TestFpointerNULL/cctk_ThornBindings.c
COMPILING configs/sim/bindings/build/TestFreeF90/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestFpointerNULL.a
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestFreeF90.a
Checking status of thorn TestGlobalReduce
Checking status of thorn TestInclude1
COMPILING CactusTest/TestInclude1/src/PrintInclude.c
COMPILING CactusTest/TestGlobalReduce/src/Initial.c
COMPILING configs/sim/bindings/build/TestInclude1/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestInclude1.a
Checking status of thorn TestInclude2
COMPILING CactusTest/TestGlobalReduce/src/TestGlobalReduce.c
COMPILING CactusTest/TestInclude2/src/PrintInclude.F77
COMPILING configs/sim/bindings/build/TestInclude2/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestInclude2.a
COMPILING configs/sim/bindings/build/TestGlobalReduce/cctk_ThornBindings.c
Checking status of thorn TestInterpolate
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestGlobalReduce.a
```

Checking status of thorn TestLocalInterp2  
COMPILING CarpetX/TestInterpolate/src/test\_cell\_interpolation.cxx  
COMPILING CactusNumerical/TestLocalInterp2/src/lagrange1d.cc  
COMPILING CarpetX/TestInterpolate/src/test\_vertex\_interpolation.cxx  
COMPILING CactusNumerical/TestLocalInterp2/src/lagrange3d.cc  
COMPILING configs/sim/bindings/build/TestInterpolate/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestInterpolate.a  
Checking status of thorn TestLocalReduce  
COMPILING CactusNumerical/TestLocalReduce/src/Reduce\_Maximum.c  
COMPILING CactusNumerical/TestLocalReduce/src/Reduce\_Sum.c  
COMPILING CactusNumerical/TestLocalReduce/src/Reduce\_Avg.c  
COMPILING configs/sim/bindings/build/TestLocalReduce/cctk\_ThornBindings.c  
COMPILING CactusNumerical/TestLocalInterp2/src/symmetric.cc  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestLocalReduce.a  
COMPILING configs/sim/bindings/build/TestLocalInterp2/cctk\_ThornBindings.c  
Checking status of thorn TestLoop  
COMPILING CactusTest/TestLoop/src/TestLoopPointwise.c  
COMPILING CactusTest/TestLoop/src/TestLoopC.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestLocalInterp2.a  
COMPILING CactusTest/TestLoop/src/TestLoopFortran.F90  
Checking status of thorn TestMath  
COMPILING CactusTest/TestMath/src/math\_c.c  
COMPILING CactusTest/TestMath/src/math\_cc.cc  
COMPILING configs/sim/bindings/build/TestLoop/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestLoop.a  
Checking status of thorn TestMoL  
COMPILING CactusTest/TestMoL/src/Register.c  
COMPILING CactusTest/TestMoL/src/RHS.c  
COMPILING CactusTest/TestMoL/src/Init.c  
COMPILING configs/sim/bindings/build/TestMath/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestMath.a  
Checking status of thorn TestODESolvers  
COMPILING configs/sim/bindings/build/TestMoL/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestMoL.a  
COMPILING configs/sim/bindings/build/TestODESolvers/cctk\_ThornBindings.c  
COMPILING CarpetX/TestODESolvers/src/odes.cxx  
Checking status of thorn TestPar  
COMPILING CactusTest/TestPar/src/PrintStrings.c  
COMPILING CactusTest/TestPar/src/SetValues.c  
COMPILING configs/sim/bindings/build/TestPar/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestPar.a  
Checking status of thorn TestReadWrite  
COMPILING CactusTest/TestReadWrite/src/TestC.cc  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestODESolvers.a  
COMPILING CactusTest/TestReadWrite/src/TestF.F90  
Checking status of thorn TestReduce  
COMPILING CactusTest/TestReduce/src/Reduce\_Maximum.c  
COMPILING CactusTest/TestReduce/src/Reduce\_Sum.c  
COMPILING configs/sim/bindings/build/TestReadWrite/cctk\_ThornBindings.c  
COMPILING CactusTest/TestReduce/src/Reduce\_Maximum.F77  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestReadWrite.a  
Checking status of thorn TestSchedule  
COMPILING CactusTest/TestReduce/src/Reduce\_Sum.F77  
COMPILING CactusTest/TestSchedule/src/TestSchedule.c  
COMPILING CactusTest/TestReduce/src/Initial.c  
COMPILING configs/sim/bindings/build/TestSchedule/cctk\_ThornBindings.c  
COMPILING configs/sim/bindings/build/TestReduce/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestSchedule.a  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestReduce.a  
Checking status of thorn TestStrings  
Checking status of thorn TestTable  
COMPILING CactusTest/TestTable/src/test\_table.c  
COMPILING CactusTest/TestStrings/src/CRoutines.c  
COMPILING CactusTest/TestStrings/src/FCalls.F



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COMPILING configs/sim/bindings/build/TestStrings/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestStrings.a
Checking status of thorn TestTimers
COMPILING CactusTest/TestTimers/src/TimeIt.c
COMPILING configs/sim/bindings/build/TestTimers/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestTimers.a
Checking status of thorn TestTypes
COMPILING CactusTest/TestTypes/src/initial.c
COMPILING CactusTest/TestTypes/src/initial.F77
COMPILING configs/sim/bindings/build/TestTable/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestTable.a
COMPILING configs/sim/bindings/build/TestTypes/cctk_ThornBindings.c
Checking status of thorn Time
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestTypes.a
Checking status of thorn TimerInfo
COMPILING CactusBase/Time/src/Courant.c
COMPILING CactusExamples/TimerInfo/src/TimerInfo.c
COMPILING CactusExamples/TimerInfo/src/Custom.c
COMPILING CactusBase/Time/src/Given.c
COMPILING CactusBase/Time/src/Initialise.c
COMPILING configs/sim/bindings/build/TimerInfo/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TimerInfo.a
COMPILING CactusBase/Time/src/Simple.c
COMPILING configs/sim/bindings/build/Time/cctk_ThornBindings.c
Checking status of thorn TmunuBase
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Time.a
Checking status of thorn Trigger
COMPILING CactusUtils/Trigger/src/trigger.c
COMPILING EinsteinBase/TmunuBase/src/ParamWarn.c
COMPILING EinsteinBase/TmunuBase/src/SetStressEnergyState.F90
COMPILING EinsteinBase/TmunuBase/src/ZeroTmunu.F90
COMPILING configs/sim/bindings/build/Trigger/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Trigger.a
COMPILING configs/sim/bindings/build/TmunuBase/cctk_ThornBindings.c
Checking status of thorn TwoPunctures
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TmunuBase.a
Checking status of thorn TwoPunctures_BBHSF
COMPILING EinsteinInitialData/TwoPunctures/src/CoordTransf.c
COMPILING Scalar/TwoPunctures_BBHSF/src/CoordTransf.c
COMPILING EinsteinInitialData/TwoPunctures/src/Equations.c
COMPILING Scalar/TwoPunctures_BBHSF/src/Equations.c
COMPILING EinsteinInitialData/TwoPunctures/src/FuncAndJacobian.c
COMPILING Scalar/TwoPunctures_BBHSF/src/FuncAndJacobian.c
COMPILING EinsteinInitialData/TwoPunctures/src/Newton.c
COMPILING Scalar/TwoPunctures_BBHSF/src/Newton.c
COMPILING EinsteinInitialData/TwoPunctures/src/TwoPunctures.c
COMPILING Scalar/TwoPunctures_BBHSF/src/TwoPunctures_BBHSF.c
COMPILING EinsteinInitialData/TwoPunctures/src/TP_utilities.c
COMPILING Scalar/TwoPunctures_BBHSF/src/TP_utilities.c
COMPILING EinsteinInitialData/TwoPunctures/src/ParamCheck.c
COMPILING EinsteinInitialData/TwoPunctures/src/Metadata.cc
COMPILING Scalar/TwoPunctures_BBHSF/src/ParamCheck.c
COMPILING Scalar/TwoPunctures_BBHSF/src/Metadata.cc
COMPILING configs/sim/bindings/build/TwoPunctures/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TwoPunctures.a
COMPILING Scalar/TwoPunctures_BBHSF/src/SF_source_term.c
Checking status of thorn TwoPunctures_KerrProca
COMPILING configs/sim/bindings/build/TwoPunctures_BBHSF/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TwoPunctures_BBHSF.a
Checking status of thorn VolumeIntegrals_GRMHD
COMPILING Proca/TwoPunctures_KerrProca/src/CoordTransf.c
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_GRMHD/src/evaluate_integrands_loca
1.C
COMPILING Proca/TwoPunctures_KerrProca/src/Equations.c
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COMPILING Proca/TwoPunctures_KerrProca/src/FuncAndJacobian.c
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_GRMHD/src/Initialize_or_Decrement_IntegralCounter.C
COMPILING Proca/TwoPunctures_KerrProca/src/Newton.c
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_GRMHD/src/perform_integration_sum_global.C
COMPILING Proca/TwoPunctures_KerrProca/src/TwoPunctures.c
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_GRMHD/src/file_output_routines.C
COMPILING Proca/TwoPunctures_KerrProca/src/TP_utilities.c
COMPILING configs/sim/bindings/build/VolumeIntegrals_GRMHD/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_VolumeIntegrals_GRMHD.a
COMPILING Proca/TwoPunctures_KerrProca/src/ParamCheck.c
Checking status of thorn VolumeIntegrals_vacuum
COMPILING Proca/TwoPunctures_KerrProca/src/Metadata.cc
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_vacuum/src/evaluate_integrands_local.C
COMPILING configs/sim/bindings/build/TwoPunctures_KerrProca/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TwoPunctures_KerrProca.a
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_vacuum/src/Initialize_or_Decrement_IntegralCounter.C
Checking status of thorn WatchDog
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_vacuum/src/perform_integration_sum_global.C
COMPILING CactusUtils/WatchDog/src/watchdog.c
COMPILING configs/sim/bindings/build/WatchDog/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WatchDog.a
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_vacuum/src/file_output_routines.C
Checking status of thorn WaveBinarySource
COMPILING CactusWave/WaveBinarySource/src/WaveBinary.c
COMPILING configs/sim/bindings/build/WaveBinarySource/cctk_ThornBindings.c
COMPILING WWUThorns_Diagnostics/VolumeIntegrals_vacuum/src/number_of_reductions.C
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveBinarySource.a
Checking status of thorn WaveToy1DF77
COMPILING CactusExamples/WaveToy1DF77/src/Evolve.F77
COMPILING CactusExamples/WaveToy1DF77/src/Startup.F77
COMPILING CactusExamples/WaveToy1DF77/src/Initial.F77
COMPILING CactusExamples/WaveToy1DF77/src/Coord.F77
COMPILING CactusExamples/WaveToy1DF77/src/Boundary.F77
COMPILING configs/sim/bindings/build/WaveToy1DF77/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToy1DF77.a
COMPILING configs/sim/bindings/build/VolumeIntegrals_vacuum/cctk_ThornBindings.c
Checking status of thorn WaveToy2DF77
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_VolumeIntegrals_vacuum.a
Checking status of thorn WaveToyExtra
COMPILING CactusExamples/WaveToy2DF77/src/Evolve.F77
COMPILING CactusWave/WaveToyExtra/src/Boundary.c
COMPILING CactusExamples/WaveToy2DF77/src/Startup.F77
COMPILING CactusExamples/WaveToy2DF77/src/Initial.F77
COMPILING configs/sim/bindings/build/WaveToyExtra/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToyExtra.a
COMPILING CactusExamples/WaveToy2DF77/src/Coord.F77
Checking status of thorn particle_tracerET
COMPILING CactusExamples/WaveToy2DF77/src/Boundary.F77
COMPILING configs/sim/bindings/build/WaveToy2DF77/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToy2DF77.a
Checking status of thorn smallbPoynET
COMPILING WWUThorns_Diagnostics/smallbPoynET/src/compute_bi_b2_Poyn_fluxET.C
COMPILING WWUThorns_Diagnostics/particle_tracerET/src/compute_particles_four_velocities.C
COMPILING configs/sim/bindings/build/smallbPoynET/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_smallbPoynET.a
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COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/convert\_to\_MHD\_3velocity.C  
Checking status of thorn CactusBindings  
COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/DoOneRK4StepForParticleTracer.C  
COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/file\_output\_routines.C  
COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/InitializeParticlePositions.C  
COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/InitializeAllParticleTracerHelperVars.C  
COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/Interpolate\_density\_many\_pts.C  
COMPILING configs/sim/bindings/Functions/AliasedFunctions.c  
COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/Interpolate\_four\_velocities\_at\_particle\_positions.C  
COMPILING WVUThorns\_Diagnostics/particle\_tracerET/src/Interpolate\_velocities\_at\_particle\_positions.C  
COMPILING configs/sim/bindings/build/particle\_tracerET/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_particle\_tracerET.a  
COMPILING configs/sim/bindings/Functions/IsFunctionAliased.c  
COMPILING configs/sim/bindings/Functions/RegisterThornFunctions.c  
COMPILING configs/sim/bindings/Functions/ADMAnalysis\_Functions.c  
COMPILING configs/sim/bindings/Functions/ADMBase\_Functions.c  
COMPILING configs/sim/bindings/Implementations/ImplementationBindings.c  
COMPILING configs/sim/bindings/Functions/ADMDerivatives\_Functions.c  
COMPILING configs/sim/bindings/Functions/ADMMass\_Functions.c  
COMPILING configs/sim/bindings/Functions/AHFinder\_Functions.c  
COMPILING configs/sim/bindings/Functions/AHFinderDirect\_Functions.c  
COMPILING configs/sim/bindings/Functions/Baikal\_Functions.c  
COMPILING configs/sim/bindings/Functions/BaikalVacuum\_Functions.c  
COMPILING configs/sim/bindings/Functions/Boundary\_Functions.c  
COMPILING configs/sim/bindings/Functions/CT\_Analytic\_Functions.c  
COMPILING configs/sim/bindings/Functions/CT\_MultiLevel\_Functions.c  
COMPILING configs/sim/bindings/Functions/CalcK\_Functions.c  
COMPILING configs/sim/bindings/Functions/Carpet\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetEvolutionMask\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetIOASCII\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetIOBasic\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetIOHDF5\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetIOScalar\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetInterp\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetInterp2\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetLib\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetReduce\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetRegrid\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetRegrid2\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetSlab\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetTracker\_Functions.c  
COMPILING configs/sim/bindings/Functions/CarpetX\_Functions.c  
COMPILING configs/sim/bindings/Functions/CartGrid3D\_Functions.c  
COMPILING configs/sim/bindings/Functions/Cartoon2D\_Functions.c  
COMPILING configs/sim/bindings/Functions/CoordBase\_Functions.c  
COMPILING configs/sim/bindings/Functions/Coordinates\_Functions.c  
COMPILING configs/sim/bindings/Functions/CoordinatesSymmetry\_Functions.c  
COMPILING configs/sim/bindings/Functions/DNSdata\_Functions.c  
COMPILING configs/sim/bindings/Functions/Dissipation\_Functions.c  
COMPILING configs/sim/bindings/Functions/EHFinder\_Functions.c  
COMPILING configs/sim/bindings/Functions/EOS\_Omni\_Functions.c  
COMPILING configs/sim/bindings/Functions/Exact\_Functions.c  
COMPILING configs/sim/bindings/Functions/Formaline\_Functions.c  
COMPILING configs/sim/bindings/Functions/GRHayLHD\_Functions.c  
COMPILING configs/sim/bindings/Functions/GRHydro\_Functions.c  
COMPILING configs/sim/bindings/Functions/GRHydro\_InitData\_Functions.c  
COMPILING configs/sim/bindings/Functions/GaugeWave\_Functions.c  
COMPILING configs/sim/bindings/Functions/GenericFD\_Functions.c

COMPILING configs/sim/bindings/Functions/GiRaFFE\_Functions.c  
COMPILING configs/sim/bindings/Functions/GiRaFFEfood\_Functions.c  
COMPILING configs/sim/bindings/Functions/GlobalDerivative\_Functions.c  
COMPILING configs/sim/bindings/Functions/HTTPD\_Functions.c  
COMPILING configs/sim/bindings/Functions/IDAxIBrillBH\_Functions.c  
COMPILING configs/sim/bindings/Functions/IOASCII\_Functions.c  
COMPILING configs/sim/bindings/Functions/IOBasic\_Functions.c  
COMPILING configs/sim/bindings/Functions/IOHDF5\_Functions.c  
COMPILING configs/sim/bindings/Functions/IOHDF5Util\_Functions.c  
COMPILING configs/sim/bindings/Functions/IOjpeg\_Functions.c  
COMPILING configs/sim/bindings/Functions/IOutil\_Functions.c  
COMPILING configs/sim/bindings/Functions/IllinoisGRMHD\_Functions.c  
COMPILING configs/sim/bindings/Functions/InterpToArray\_Functions.c  
COMPILING configs/sim/bindings/Functions/Interpolate2\_Functions.c  
COMPILING configs/sim/bindings/Functions/KerrSchild\_Functions.c  
COMPILING configs/sim/bindings/Functions/LeanBSSNMol\_Functions.c  
COMPILING configs/sim/bindings/Functions/LlamaWaveToy\_Functions.c  
COMPILING configs/sim/bindings/Functions/LoopControl\_Functions.c  
COMPILING configs/sim/bindings/Functions/ML\_ADMConstraints\_Functions.c  
COMPILING configs/sim/bindings/Functions/ML\_ADMQuantities\_Functions.c  
COMPILING configs/sim/bindings/Functions/ML\_BSSN\_Functions.c  
COMPILING configs/sim/bindings/Functions/ML\_BSSN\_Helper\_Functions.c  
COMPILING configs/sim/bindings/Functions/ML\_CCZ4\_Functions.c  
COMPILING configs/sim/bindings/Functions/ML\_CCZ4\_Helper\_Functions.c  
COMPILING configs/sim/bindings/Functions/ML\_WaveToy\_Functions.c  
COMPILING configs/sim/bindings/Functions/MemSpeed\_Functions.c  
COMPILING configs/sim/bindings/Functions/Meudon\_Bin\_BH\_Functions.c  
COMPILING configs/sim/bindings/Functions/Meudon\_Bin\_NS\_Functions.c  
COMPILING configs/sim/bindings/Functions/Minkowski\_Functions.c  
COMPILING configs/sim/bindings/Functions/Mol\_Functions.c  
COMPILING configs/sim/bindings/Functions/ModifiedSchwarzschildBL\_Functions.c  
COMPILING configs/sim/bindings/Functions/Multipole\_Functions.c  
COMPILING configs/sim/bindings/Functions/NPScalars\_Functions.c  
COMPILING configs/sim/bindings/Functions/NPScalars\_Proca\_Functions.c  
COMPILING configs/sim/bindings/Functions/NaNChecker\_Functions.c  
COMPILING configs/sim/bindings/Functions/NewRad\_Functions.c  
COMPILING configs/sim/bindings/Functions/NoExcision\_Functions.c  
COMPILING configs/sim/bindings/Functions/NullConstr\_Functions.c  
COMPILING configs/sim/bindings/Functions/NullEvolve\_Functions.c  
COMPILING configs/sim/bindings/Functions/NullExact\_Functions.c  
COMPILING configs/sim/bindings/Functions/NullNews\_Functions.c  
COMPILING configs/sim/bindings/Functions/NullPsiInt\_Functions.c  
COMPILING configs/sim/bindings/Functions/NullSHRExtract\_Functions.c  
COMPILING configs/sim/bindings/Functions/ODESolvers\_Functions.c  
COMPILING configs/sim/bindings/Functions/Outflow\_Functions.c  
COMPILING configs/sim/bindings/Functions/PUGHInterp\_Functions.c  
COMPILING configs/sim/bindings/Functions/PUGHSlab\_Functions.c  
COMPILING configs/sim/bindings/Functions/Periodic\_Functions.c  
COMPILING configs/sim/bindings/Functions/PeriodicCarpet\_Functions.c  
COMPILING configs/sim/bindings/Functions/Poisson\_Functions.c  
COMPILING configs/sim/bindings/Functions/ProcaEvolve\_Functions.c  
COMPILING configs/sim/bindings/Functions/PunctureTracker\_Functions.c  
COMPILING configs/sim/bindings/Functions/QuasiLocalMeasures\_Functions.c  
COMPILING configs/sim/bindings/Functions/ReadInterpolate\_Functions.c  
COMPILING configs/sim/bindings/Functions/ReflectionSymmetry\_Functions.c  
COMPILING configs/sim/bindings/Functions/RotatingSymmetry180\_Functions.c  
COMPILING configs/sim/bindings/Functions/RotatingSymmetry90\_Functions.c  
COMPILING configs/sim/bindings/Functions/SampleBoundary\_Functions.c  
COMPILING configs/sim/bindings/Functions/SampleIO\_Functions.c  
COMPILING configs/sim/bindings/Functions/ScalarEvolve\_Functions.c  
COMPILING configs/sim/bindings/Functions/SetMask\_SphericalSurface\_Functions.c  
COMPILING configs/sim/bindings/Functions/ShiftedGaugeWave\_Functions.c  
COMPILING configs/sim/bindings/Functions/Slab\_Functions.c  
COMPILING configs/sim/bindings/Functions/SphericalHarmonicDecomp\_Functions.c

COMPILING configs/sim/bindings/Functions/SphericalHarmonicRecon\_Functions.c  
COMPILING configs/sim/bindings/Functions/SphericalHarmonicReconGen\_Functions.c  
COMPILING configs/sim/bindings/Functions/SphericalSurface\_Functions.c  
COMPILING configs/sim/bindings/Functions/StaticConformal\_Functions.c  
COMPILING configs/sim/bindings/Functions/SummationByParts\_Functions.c  
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COMPILING configs/sim/bindings/Parameters/TimerInfo_Parameters.c
COMPILING configs/sim/bindings/Variables/CoordBase.c
COMPILING configs/sim/bindings/Parameters/TimerReport_Parameters.c
COMPILING configs/sim/bindings/Variables/CoordGauge.c
COMPILING configs/sim/bindings/Parameters/Timers_Parameters.c
COMPILING configs/sim/bindings/Parameters/TmunuBase_Parameters.c
COMPILING configs/sim/bindings/Variables/Coordinates.c
COMPILING configs/sim/bindings/Parameters/TmunuBaseX_Parameters.c
COMPILING configs/sim/bindings/Parameters/Trigger_Parameters.c
COMPILING configs/sim/bindings/Parameters/TwoPunctures_Parameters.c
COMPILING configs/sim/bindings/Variables/CoordinatesSymmetry.c
COMPILING configs/sim/bindings/Parameters/TwoPunctures_BBHSF_Parameters.c
COMPILING configs/sim/bindings/Variables/CoordinatesX.c
/home/anisha/Cactus/Cactus/configs/sim/build/CactusBindings/Parameters/TwoPuncture
s_BBHSF_Parameters.c: In function 'CCTKi_BindingsCreateTwoPunctures_BBHSFParameter
s':
/home/anisha/Cactus/Cactus/configs/sim/build/CactusBindings/Parameters/TwoPuncture
s_BBHSF_Parameters.c:193:116: warning: unknown escape sequence: '\p'
  193 |         "Exponent delta for conformal decomposition of the
      |         scalar field  $\psi = \bar{\psi}^{\delta} \psi$ ",
      |         ^
/home/anisha/Cactus/Cactus/configs/sim/build/CactusBindings/Parameters/TwoPuncture
s_BBHSF_Parameters.c:193:116: warning: unknown escape sequence: '\p'
/home/anisha/Cactus/Cactus/configs/sim/build/CactusBindings/Parameters/TwoPuncture
s_BBHSF_Parameters.c:193:116: warning: unknown escape sequence: '\p'
COMPILING configs/sim/bindings/Variables/CycleClock.c
COMPILING configs/sim/bindings/Parameters/TwoPunctures_KerrProca_Parameters.c
COMPILING configs/sim/bindings/Variables/DNSdata.c
COMPILING configs/sim/bindings/Parameters/Vaidya2_Parameters.c
COMPILING configs/sim/bindings/Parameters/Vectors_Parameters.c
COMPILING configs/sim/bindings/Parameters/VolumeIntegrals_GRMHD_Parameters.c
COMPILING configs/sim/bindings/Variables/DemoInterp.c

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COMPILING configs/sim/bindings/Parameters/VolumeIntegrals\_vacuum\_Parameters.c  
COMPILING configs/sim/bindings/Parameters/WatchDog\_Parameters.c  
COMPILING configs/sim/bindings/Variables/Derivs.c  
COMPILING configs/sim/bindings/Parameters/WaveBinarySource\_Parameters.c  
COMPILING configs/sim/bindings/Variables/Dissipation.c  
COMPILING configs/sim/bindings/Parameters/WaveExtractL\_Parameters.c  
COMPILING configs/sim/bindings/Parameters/WaveMoL\_Parameters.c  
COMPILING configs/sim/bindings/Variables/DistortedBHIVP.c  
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COMPILING configs/sim/bindings/Parameters/WaveToy2DF77\_Parameters.c  
COMPILING configs/sim/bindings/Parameters/WaveToyC\_Parameters.c  
COMPILING configs/sim/bindings/Parameters/WaveToyCXX\_Parameters.c  
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COMPILING configs/sim/bindings/Parameters/WaveToyF77\_Parameters.c  
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COMPILING configs/sim/bindings/Parameters/WaveToyFreeF90\_Parameters.c  
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COMPILING configs/sim/bindings/Schedule/ScheduleADMMacros.c  
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COMPILING configs/sim/bindings/Variables/PUGHReduce.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNPScalars.c  
COMPILING configs/sim/bindings/Variables/PUGHSlab.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNPScalars\_Proca.c  
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COMPILING configs/sim/bindings/Variables/Poisson.c  
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COMPILING configs/sim/bindings/Variables/PunctureTracker.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullConstr.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullDecomp.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullEvolve.c  
COMPILING configs/sim/bindings/Variables/QuasiLocalMeasures.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullExact.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullGrid.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullInterp.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullNews.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullPsiInt.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullSHRExtract.c  
COMPILING configs/sim/bindings/Variables/ReadInterpolate.c  
COMPILING configs/sim/bindings/Schedule/ScheduleNullVars.c  
COMPILING configs/sim/bindings/Schedule/ScheduleODESolvers.c  
COMPILING configs/sim/bindings/Variables/ReductionTest.c  
COMPILING configs/sim/bindings/Schedule/ScheduleOpenSSL.c  
COMPILING configs/sim/bindings/Schedule/ScheduleOutflow.c  
COMPILING configs/sim/bindings/Schedule/SchedulePUGH.c  
COMPILING configs/sim/bindings/Schedule/SchedulePUGHInterp.c  
COMPILING configs/sim/bindings/Schedule/SchedulePUGHReduce.c  
COMPILING configs/sim/bindings/Schedule/SchedulePUGHSlab.c  
COMPILING configs/sim/bindings/Schedule/SchedulePeriodic.c  
COMPILING configs/sim/bindings/Schedule/SchedulePeriodicCarpet.c  
COMPILING configs/sim/bindings/Schedule/SchedulePoisson.c  
COMPILING configs/sim/bindings/Schedule/ScheduleProcaBase.c  
COMPILING configs/sim/bindings/Variables/ReductionTest2.c  
COMPILING configs/sim/bindings/Schedule/ScheduleProcaEvolve.c  
COMPILING configs/sim/bindings/Variables/ReductionTest3.c  
COMPILING configs/sim/bindings/Schedule/ScheduleProca\_simpleID.c  
COMPILING configs/sim/bindings/Variables/ReflectionSymmetry.c  
COMPILING configs/sim/bindings/Schedule/SchedulePunctureTracker.c  
COMPILING configs/sim/bindings/Variables/RegridSyncTest.c  
COMPILING configs/sim/bindings/Schedule/ScheduleQuasiLocalMeasures.c  
COMPILING configs/sim/bindings/Variables/RotatingDBHIVP.c  
COMPILING configs/sim/bindings/Schedule/ScheduleReadInterpolate.c  
COMPILING configs/sim/bindings/Schedule/ScheduleReductionTest.c  
COMPILING configs/sim/bindings/Variables/RotatingSymmetry180.c  
COMPILING configs/sim/bindings/Schedule/ScheduleReductionTest2.c  
COMPILING configs/sim/bindings/Variables/RotatingSymmetry90.c  
COMPILING configs/sim/bindings/Schedule/ScheduleReductionTest3.c  
COMPILING configs/sim/bindings/Variables/SGRID.c  
COMPILING configs/sim/bindings/Variables/SIMDWaveToyX.c  
COMPILING configs/sim/bindings/Schedule/ScheduleReflectionSymmetry.c  
COMPILING configs/sim/bindings/Schedule/ScheduleRegridSyncTest.c  
COMPILING configs/sim/bindings/Variables/SampleBoundary.c  
COMPILING configs/sim/bindings/Schedule/ScheduleRotatingDBHIVP.c  
COMPILING configs/sim/bindings/Variables/SampleIO.c  
COMPILING configs/sim/bindings/Schedule/ScheduleRotatingSymmetry180.c  
COMPILING configs/sim/bindings/Variables/ScalarBase.c  
COMPILING configs/sim/bindings/Schedule/ScheduleRotatingSymmetry90.c  
COMPILING configs/sim/bindings/Variables/ScalarEvolve.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSGRID.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSIMDWaveToyX.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSampleBoundary.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSampleIO.c  
COMPILING configs/sim/bindings/Schedule/ScheduleScalarBase.c  
COMPILING configs/sim/bindings/Schedule/ScheduleScalarEvolve.c  
COMPILING configs/sim/bindings/Variables/ScalarInit.c  
COMPILING configs/sim/bindings/Schedule/ScheduleScalarInit.c  
COMPILING configs/sim/bindings/Variables/Seed\_Magnetic\_Fields.c



COMPILING configs/sim/bindings/Schedule/ScheduleSeed\_Magnetic\_Fields.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSetMask\_SphericalSurface.c  
COMPILING configs/sim/bindings/Schedule/ScheduleShiftedGaugeWave.c  
COMPILING configs/sim/bindings/Variables/SetMask\_SphericalSurface.c  
COMPILING configs/sim/bindings/Schedule/ScheduleShiftedKerrSchild.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSilo.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSlab.c  
COMPILING configs/sim/bindings/Variables/ShiftedGaugeWave.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSlabTest.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSocket.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSpaceMask.c  
COMPILING configs/sim/bindings/Variables/ShiftedKerrSchild.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSpacetimeWaveToyX.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSphericalHarmonicDecomp.c  
COMPILING configs/sim/bindings/Variables/Silo.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSphericalHarmonicRecon.c  
COMPILING configs/sim/bindings/Variables/Slab.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSphericalHarmonicReconGen.c  
COMPILING configs/sim/bindings/Variables/SlabTest.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSphericalSurface.c  
COMPILING configs/sim/bindings/Variables/Socket.c  
COMPILING configs/sim/bindings/Schedule/ScheduleStaggeredWaveToyX.c  
COMPILING configs/sim/bindings/Variables/SpaceMask.c  
COMPILING configs/sim/bindings/Schedule/ScheduleStaticConformal.c  
COMPILING configs/sim/bindings/Variables/SpacetimeWaveToyX.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSummationByParts.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSymBase.c  
COMPILING configs/sim/bindings/Variables/SphericalHarmonicDecomp.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSystemStatistics.c  
COMPILING configs/sim/bindings/Variables/SphericalHarmonicRecon.c  
COMPILING configs/sim/bindings/Schedule/ScheduleSystemTopology.c  
COMPILING configs/sim/bindings/Variables/SphericalHarmonicReconGen.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTATelliptic.c  
COMPILING configs/sim/bindings/Variables/SphericalSurface.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTGRtensor.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTOVSolver.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTOVola.c  
COMPILING configs/sim/bindings/Variables/StaggeredWaveToyX.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTensorTypes.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTerminationTrigger.c  
COMPILING configs/sim/bindings/Variables/StaticConformal.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestArrayGroup.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestArrays.c  
COMPILING configs/sim/bindings/Variables/SummationByParts.c  
COMPILING configs/sim/bindings/Variables/SymBase.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestBoundaries.c  
COMPILING configs/sim/bindings/Variables/SystemStatistics.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestBoxInBox.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestCarpetGridInfo.c  
COMPILING configs/sim/bindings/Variables/SystemTopology.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestComplex.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestCoordinates.c  
COMPILING configs/sim/bindings/Variables/TATelliptic.c  
COMPILING configs/sim/bindings/Variables/TGRtensor.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestDerivs.c  
COMPILING configs/sim/bindings/Variables/TOVSolver.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestFortranCrayPointers.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestFortranDependencies1.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestFortranDependencies2.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestFpointerNULL.c  
COMPILING configs/sim/bindings/Variables/TOVola.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestFreeF90.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestGlobalReduce.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestInclude1.c

COMPILING configs/sim/bindings/Variables/TensorTypes.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestInclude2.c  
COMPILING configs/sim/bindings/Variables/TerminationTrigger.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestInterpolate.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestLocalInterp2.c  
COMPILING configs/sim/bindings/Variables/TestArrayGroup.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestLocalReduce.c  
COMPILING configs/sim/bindings/Variables/TestArrays.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestLoop.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestLoopControl.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestMath.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestMoL.c  
COMPILING configs/sim/bindings/Variables/TestBoundaries.c  
COMPILING configs/sim/bindings/Variables/TestBoxInBox.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestNorms.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestODESolvers.c  
COMPILING configs/sim/bindings/Variables/TestCarpetGridInfo.c  
COMPILING configs/sim/bindings/Variables/TestComplex.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestODESolvers2.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestOutput.c  
COMPILING configs/sim/bindings/Variables/TestCoordinates.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestPar.c  
COMPILING configs/sim/bindings/Variables/TestDerivs.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestProlongate.c  
COMPILING configs/sim/bindings/Variables/TestFortranCrayPointers.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestReadWrite.c  
COMPILING configs/sim/bindings/Variables/TestFortranDependencies1.c  
COMPILING configs/sim/bindings/Variables/TestFortranDependencies2.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestReduce.c  
COMPILING configs/sim/bindings/Variables/TestFpointerNULL.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestSchedule.c  
COMPILING configs/sim/bindings/Variables/TestFreeF90.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestStrings.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestSymmetries.c  
COMPILING configs/sim/bindings/Variables/TestGlobalReduce.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestTable.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestTimers.c  
COMPILING configs/sim/bindings/Variables/TestInclude1.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTestTypes.c  
COMPILING configs/sim/bindings/Variables/TestInclude2.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTime.c  
COMPILING configs/sim/bindings/Variables/TestInterpolate.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTimerInfo.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTimerReport.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTimers.c  
COMPILING configs/sim/bindings/Variables/TestLocalInterp2.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTmunuBase.c  
COMPILING configs/sim/bindings/Variables/TestLocalReduce.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTmunuBaseX.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTrigger.c  
COMPILING configs/sim/bindings/Variables/TestLoop.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTwoPunctures.c  
COMPILING configs/sim/bindings/Variables/TestLoopControl.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTwoPunctures\_BBHSF.c  
COMPILING configs/sim/bindings/Variables/TestMath.c  
COMPILING configs/sim/bindings/Schedule/ScheduleTwoPunctures\_KerrProca.c  
COMPILING configs/sim/bindings/Variables/TestMoL.c  
COMPILING configs/sim/bindings/Schedule/ScheduleVaidya2.c  
COMPILING configs/sim/bindings/Variables/TestNorms.c  
COMPILING configs/sim/bindings/Schedule/ScheduleVectors.c  
COMPILING configs/sim/bindings/Variables/TestODESolvers.c  
COMPILING configs/sim/bindings/Schedule/ScheduleVolumeIntegrals\_GRMHD.c  
COMPILING configs/sim/bindings/Schedule/ScheduleVolumeIntegrals\_vacuum.c  
COMPILING configs/sim/bindings/Variables/TestODESolvers2.c

COMPILING configs/sim/bindings/Schedule/ScheduleWatchDog.c  
COMPILING configs/sim/bindings/Variables/TestOutput.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveBinarySource.c  
COMPILING configs/sim/bindings/Variables/TestPar.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveExtractL.c  
COMPILING configs/sim/bindings/Variables/TestProlongate.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveMoL.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToy1DF77.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToy2DF77.c  
COMPILING configs/sim/bindings/Variables/TestReadWrite.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToyC.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToyCXX.c  
COMPILING configs/sim/bindings/Variables/TestReduce.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToyExtra.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToyF77.c  
COMPILING configs/sim/bindings/Variables/TestSchedule.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToyF90.c  
COMPILING configs/sim/bindings/Variables/TestStrings.c  
COMPILING configs/sim/bindings/Variables/TestSymmetries.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToyFreeF90.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWaveToyX.c  
COMPILING configs/sim/bindings/Variables/TestTable.c  
COMPILING configs/sim/bindings/Schedule/ScheduleWeylScal4.c  
COMPILING configs/sim/bindings/Variables/TestTimers.c  
COMPILING configs/sim/bindings/Variables/TestTypes.c  
COMPILING configs/sim/bindings/Variables/Time.c  
COMPILING configs/sim/bindings/Schedule/Schedulehwloc.c  
COMPILING configs/sim/bindings/Schedule/Schedulelibjpeg.c  
COMPILING configs/sim/bindings/Variables/TimerInfo.c  
COMPILING configs/sim/bindings/Schedule/ScheduleopenPMD.c  
COMPILING configs/sim/bindings/Variables/TimerReport.c  
COMPILING configs/sim/bindings/Schedule/Scheduleparticle\_tracerET.c  
COMPILING configs/sim/bindings/Variables/Timers.c  
COMPILING configs/sim/bindings/Variables/TmunuBase.c  
COMPILING configs/sim/bindings/Schedule/Schedulepthreads.c  
COMPILING configs/sim/bindings/Schedule/SchedulesmallbPoynET.c  
COMPILING configs/sim/bindings/Schedule/Scheduleyaml\_cpp.c  
COMPILING configs/sim/bindings/Variables/TmunuBaseX.c  
COMPILING configs/sim/bindings/Schedule/Schedulezlib.c  
COMPILING configs/sim/bindings/Schedule/BindingsSchedule.c  
COMPILING configs/sim/bindings/Variables/Trigger.c  
COMPILING configs/sim/bindings/Variables/TwoPunctures.c  
COMPILING configs/sim/bindings/Schedule/BindingsParameterRecovery.c  
COMPILING configs/sim/bindings/Variables/TwoPunctures\_BBHSF.c  
COMPILING configs/sim/bindings/Variables/TwoPunctures\_KerrProca.c  
COMPILING configs/sim/bindings/Variables/Vaidya2.c  
COMPILING configs/sim/bindings/Variables/Vectors.c  
COMPILING configs/sim/bindings/Variables/VolumeIntegrals\_GRMHD.c  
COMPILING configs/sim/bindings/Variables/VolumeIntegrals\_vacuum.c  
COMPILING configs/sim/bindings/Variables/WatchDog.c  
COMPILING configs/sim/bindings/Variables/WaveBinarySource.c  
COMPILING configs/sim/bindings/Variables/WaveExtractL.c  
COMPILING configs/sim/bindings/Variables/WaveMoL.c  
COMPILING configs/sim/bindings/Variables/WaveToy1DF77.c  
COMPILING configs/sim/bindings/Variables/WaveToy2DF77.c  
COMPILING configs/sim/bindings/Variables/WaveToyC.c  
COMPILING configs/sim/bindings/Variables/WaveToyCXX.c  
COMPILING configs/sim/bindings/Variables/WaveToyExtra.c  
COMPILING configs/sim/bindings/Variables/WaveToyF77.c  
COMPILING configs/sim/bindings/Variables/WaveToyF90.c  
COMPILING configs/sim/bindings/Variables/WaveToyFreeF90.c  
COMPILING configs/sim/bindings/Variables/WaveToyX.c  
COMPILING configs/sim/bindings/Variables/WeylScal4.c  
COMPILING configs/sim/bindings/Variables/hwloc.c

```
COMPILING configs/sim/bindings/Variables/libjpeg.c
COMPILING configs/sim/bindings/Variables/openPMD.c
COMPILING configs/sim/bindings/Variables/particle_tracerET.c
COMPILING configs/sim/bindings/Variables/threads.c
COMPILING configs/sim/bindings/Variables/smallbPoynET.c
COMPILING configs/sim/bindings/Variables/yaml_cpp.c
COMPILING configs/sim/bindings/Variables/zlib.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CactusBindings.a
Checking status of thorn hwloc
Checking status of thorn CartGrid3D
COMPILING ExternalLibraries/hwloc/src/version.c
COMPILING configs/sim/bindings/build/hwloc/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_hwloc.a
COMPILING CactusBase/CartGrid3D/src/Startup.c
COMPILING CactusBase/CartGrid3D/src/ParamCheck.c
Checking status of thorn Arith
COMPILING CactusBase/CartGrid3D/src/DecodeSymParameters.c
COMPILING CactusBase/CartGrid3D/src/CartGrid3D.c
COMPILING CactusBase/CartGrid3D/src/GetSymmetry.c
COMPILING CactusBase/CartGrid3D/src/SetSymmetry.c
COMPILING CactusBase/CartGrid3D/src/Symmetry.c
COMPILING CarpetX/Arith/src/cons.cxx
COMPILING CarpetX/Arith/src/cplx.cxx
COMPILING CactusBase/CartGrid3D/src/RegisterSymmetries.c
COMPILING configs/sim/bindings/build/CartGrid3D/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CartGrid3D.a
COMPILING CarpetX/Arith/src/div.cxx
COMPILING CarpetX/Arith/src/dual.cxx
COMPILING CarpetX/Arith/src/mat.cxx
Checking status of thorn ADMDerivatives
COMPILING Llama/ADMDerivatives/src/calc_derivs.cc
COMPILING CarpetX/Arith/src/rational.cxx
COMPILING CarpetX/Arith/src/rten.cxx
COMPILING Llama/ADMDerivatives/src/sync.cc
COMPILING Llama/ADMDerivatives/src/grids.cc
COMPILING CarpetX/Arith/src/simd.cxx
COMPILING configs/sim/bindings/build/ADMDerivatives/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ADMDerivatives.a
COMPILING CarpetX/Arith/src/smallvector.cxx
COMPILING CarpetX/Arith/src/spvect.cxx
Checking status of thorn AHFinder
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_dat.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_ParamCheck.F90
COMPILING EinsteinAnalysis/AHFinder/src/Startup.c
COMPILING EinsteinAnalysis/AHFinder/src/Output.c
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder.F
COMPILING CarpetX/Arith/src/sum.cxx
COMPILING CarpetX/Arith/src/ten3.cxx
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_fun.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_exp.F
COMPILING CarpetX/Arith/src/vec.cxx
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_dis.F
COMPILING CarpetX/Arith/src/vect.cxx
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_int.F
COMPILING configs/sim/bindings/build/Arith/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Arith.a
COMPILING configs/sim/bindings/build/AHFinder/cctk_ThornBindings.c
Checking status of thorn SpaceMask
COMPILING CactusNumerical/SpaceMask/src/MaskInit.c
COMPILING CactusNumerical/SpaceMask/src/MaskUtils.c
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_min.F
COMPILING configs/sim/bindings/build/SpaceMask/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SpaceMask.a
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_pow.F
```

```
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_leg.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_flow.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_mask.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_output.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_find3.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_calcsigma.F
/home/anisha/Cactus/Cactus/configs/sim/build/AHFinder/AHFinder_calcsigma.f:1794:2
9:
```

```
1764 |         do l=1,lmax
      |             2
.....
1794 |         $           - c3 * zlm0(l-2,m)
      |             1
```

**Warning:** Array reference at (1) out of bounds (-1 < 0) in loop beginning at (2)  
/home/anisha/Cactus/Cactus/configs/sim/build/AHFinder/AHFinder\_calcsigma.f:1797:2  
9:

```
1764 |         do l=1,lmax
      |             2
.....
1797 |         $           - c3 * zlm1(l-2,m)
      |             1
```

**Warning:** Array reference at (1) out of bounds (-1 < 0) in loop beginning at (2)

```
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_initguess.F
COMPILING EinsteinAnalysis/AHFinder/src/AHFinder_gau.F
COMPILING EinsteinAnalysis/AHFinder/src/SetSym.F
Checking status of thorn LoopControl
COMPILING Carpet/LoopControl/src/loopcontrol.cc
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_AHFinder.a
COMPILING Carpet/LoopControl/src/loopcontrol_types.F90
Checking status of thorn CalcK
COMPILING EinsteinAnalysis/CalcK/src/CalcK.F90
COMPILING EinsteinAnalysis/CalcK/src/copy.F90
COMPILING configs/sim/bindings/build/CalcK/cctk_ThornBindings.c
COMPILING Carpet/LoopControl/src/loopcontrol.F90
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CalcK.a
COMPILING Carpet/LoopControl/src/type_sizes.F90
Checking status of thorn CarpetProlongateTest
COMPILING configs/sim/bindings/build/LoopControl/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LoopControl.a
COMPILING configs/sim/bindings/build/CarpetProlongateTest/cctk_ThornBindings.c
COMPILING Carpet/CarpetProlongateTest/src/init.F90
Checking status of thorn Cartoon2D
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetProlongateTest/init.f90:1487:9
0:
```

```
1487 | hGN (ierr, cctkGH, 3, gsh , "CarpetProlongateTest::interp_difference")
      |                                     1
```

```
.....
1511 |
      |
```

**Warning:** Mismatch in PURE attribute between (1) and (2)  
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetProlongateTest/init.f90:1483:9  
0:

```
1483 | ndGN (ierr, cctkGH, 3, lbnd, "CarpetProlongateTest::interp_difference")
      |                                     1
```

```
.....
1511 |
      |
```

**Warning:** Mismatch in PURE attribute between (1) and (2)  
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetProlongateTest/init.f90:1485:9  
0:

```
1485 | hGN (ierr, cctkGH, 3, lsh , "CarpetProlongateTest::interp_difference")  
|
```

1

.....

```
1511 |  
|
```

**Warning:** Mismatch in PURE attribute between (1) and (2)  
COMPILING CactusNumerical/Cartoon2D/src/ApplyCartoon.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetProlongateTest.a  
COMPILING CactusNumerical/Cartoon2D/src/CheckParameters.c  
Checking status of thorn TGRtensor  
COMPILING CactusNumerical/Cartoon2D/src/Cartoon2DBC.c  
COMPILING CactusNumerical/Cartoon2D/src/interpolate.c  
COMPILING CactusNumerical/Cartoon2D/src/RegisterSym.c  
COMPILING CactusNumerical/Cartoon2D/src/SymInterp.c  
COMPILING EinsteinUtils/TGRtensor/src/constants.F90  
COMPILING EinsteinUtils/TGRtensor/src/tensor.F90  
COMPILING CactusNumerical/Cartoon2D/src/SetGrid.c  
COMPILING EinsteinUtils/TGRtensor/src/cactus.F90  
COMPILING EinsteinUtils/TGRtensor/src/classify.c  
COMPILING configs/sim/bindings/build/Cartoon2D/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_Cartoon2D.a  
COMPILING EinsteinUtils/TGRtensor/src/classify.F90  
Checking status of thorn EHFinder  
COMPILING EinsteinUtils/TGRtensor/src/conversion.F90  
COMPILING EinsteinUtils/TGRtensor/src/covderivs.F90  
COMPILING EinsteinUtils/TGRtensor/src/covderivs2.F90  
COMPILING EinsteinUtils/TGRtensor/src/derivs.F90  
COMPILING EinsteinUtils/TGRtensor/src/derivs2.F90  
COMPILING EinsteinUtils/TGRtensor/src/gram\_schmidt.F90  
COMPILING EinsteinUtils/TGRtensor/src/matdet.F90  
COMPILING EinsteinUtils/TGRtensor/src/matexp.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_Constants.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_ParamCheck.F90  
COMPILING EinsteinUtils/TGRtensor/src/matinv.F90  
COMPILING EinsteinUtils/TGRtensor/src/ricci.F90  
COMPILING EinsteinAnalysis/EHFinder/src/MoL\_Init.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_fuzzy.F90  
COMPILING EinsteinUtils/TGRtensor/src/ricci2.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_CarpetSupport.cc  
COMPILING EinsteinUtils/TGRtensor/src/ricci4.F90  
COMPILING EinsteinUtils/TGRtensor/src/rotation.F90  
COMPILING EinsteinUtils/TGRtensor/src/tensor2.F90  
COMPILING EinsteinUtils/TGRtensor/src/tensor4.F90  
COMPILING EinsteinUtils/TGRtensor/src/timederivs.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_mod.F90  
COMPILING EinsteinAnalysis/EHFinder/src/IsoSurface\_mod.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_Init.F90  
COMPILING EinsteinUtils/TGRtensor/src/pointwise.F90  
COMPILING EinsteinUtils/TGRtensor/src/pointwise2.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_Sources.F90  
COMPILING EinsteinUtils/TGRtensor/src/adm\_metric.F90  
COMPILING EinsteinUtils/TGRtensor/src/adm\_metric\_simple.F90  
COMPILING configs/sim/bindings/build/TGRtensor/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TGRtensor.a  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_SetMask.F90  
COMPILING configs/sim/bindings/build/EHFinder/cctk\_ThornBindings.c

COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_SetSym.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_ReadData.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_Check.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_Integrate.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_FindSurface.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_IsoSurface\_optimized.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_Generator\_Sources.F90  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_Generator\_Sources2.F90  
Checking status of thorn EOS\_Polytrope  
COMPILING EinsteinAnalysis/EHFinder/src/EHFinder\_ReInitialize.F90  
COMPILING EinsteinEOS/EOS\_Polytrope/src/EOS\_Polytrope\_Scalars.F  
COMPILING EinsteinEOS/EOS\_Polytrope/src/EOS\_Polytrope\_Startup.F  
COMPILING EinsteinEOS/EOS\_Polytrope/src/EOS\_Polytrope.F  
COMPILING configs/sim/bindings/build/EOS\_Polytrope/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_EOS\_Polytrope.a  
Checking status of thorn EllSOR  
COMPILING CactusElliptic/EllSOR/src/Startup.c  
COMPILING CactusElliptic/EllSOR/src/Wrapper.c  
COMPILING CactusElliptic/EllSOR/src/ConfMetric.c  
COMPILING CactusElliptic/EllSOR/src/Flat.c  
COMPILING configs/sim/bindings/build/EllSOR/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_EllSOR.a  
Checking status of thorn FLRWSolver  
COMPILING EinsteinInitialData/FLRWSolver/src/flrw\_inittools.F90  
COMPILING EinsteinInitialData/FLRWSolver/src/flrw\_paramcheck.F90  
COMPILING EinsteinInitialData/FLRWSolver/src/flrw\_noperturb.F90  
COMPILING EinsteinInitialData/FLRWSolver/src/flrw\_singlemode.F90  
COMPILING EinsteinInitialData/FLRWSolver/src/flrw\_powerspecics.F90  
COMPILING EinsteinInitialData/FLRWSolver/src/flrw\_fileread.F90  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_EHFinder.a  
COMPILING configs/sim/bindings/build/FLRWSolver/cctk\_ThornBindings.c  
Checking status of thorn GaugeWave  
COMPILING EinsteinInitialData/FLRWSolver/src/flrw\_powerspectrum.F90  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_FLRWSolver.a  
COMPILING configs/sim/bindings/build/GaugeWave/cctk\_ThornBindings.c  
Checking status of thorn GiRaFFE  
COMPILING EinsteinExact/GaugeWave/src/Boundaries.cc  
COMPILING EinsteinExact/GaugeWave/src/GaugeWave\_always.cc  
COMPILING WVUThorns/GiRaFFE/src/InitSymBound.C  
COMPILING WVUThorns/GiRaFFE/src/MoL\_registration.C  
COMPILING WVUThorns/GiRaFFE/src/postpostinitial\_\_set\_symmetries\_\_copy\_timelevels.C  
COMPILING EinsteinExact/GaugeWave/src/GaugeWave\_exact.cc  
COMPILING WVUThorns/GiRaFFE/src/convert\_ADM\_to\_BSSN\_\_enforce\_detgtij\_eq\_1\_\_and\_com  
pute\_gtupij.C  
COMPILING WVUThorns/GiRaFFE/src/driver\_evaluate\_FFE\_rhs.C  
COMPILING EinsteinExact/GaugeWave/src/GaugeWave\_initial.cc  
COMPILING WVUThorns/GiRaFFE/src/driver\_conserv\_to\_prims\_FFE.C  
COMPILING EinsteinExact/GaugeWave/src/Kranc.cc  
COMPILING WVUThorns/GiRaFFE/src/compute\_B\_and\_Bstagger\_from\_A.C  
COMPILING EinsteinExact/GaugeWave/src/ParamCheck.cc  
COMPILING EinsteinExact/GaugeWave/src/RegisterMoL.cc  
COMPILING WVUThorns/GiRaFFE/src/symmetry\_\_set\_gzs\_staggered\_gfs.C  
COMPILING EinsteinExact/GaugeWave/src/RegisterSymmetries.cc  
COMPILING WVUThorns/GiRaFFE/src/outer\_boundaries.C  
COMPILING EinsteinExact/GaugeWave/src/Startup.cc  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_GaugeWave.a  
COMPILING configs/sim/bindings/build/GiRaFFE/cctk\_ThornBindings.c  
Checking status of thorn ShiftedKerrSchild  
COMPILING WVUThorns/ShiftedKerrSchild/src/ShiftedKerrSchild.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_GiRaFFE.a  
COMPILING configs/sim/bindings/build/ShiftedKerrSchild/cctk\_ThornBindings.c  
Checking status of thorn Hydro\_Analysis  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ShiftedKerrSchild.a  
COMPILING configs/sim/bindings/build/Hydro\_Analysis/cctk\_ThornBindings.c

```
Checking status of thorn IDBrillData
COMPILING EinsteinAnalysis/Hydro_Analysis/src/Hydro_Analysis.c
COMPILING EinsteinInitialData/IDBrillData/src/brilldata.F
COMPILING EinsteinAnalysis/Hydro_Analysis/src/GRHydro_Separation.F90
COMPILING EinsteinInitialData/IDBrillData/src/setupbrilldata2D.F
COMPILING EinsteinAnalysis/Hydro_Analysis/src/CoreCentroid.c
COMPILING EinsteinInitialData/IDBrillData/src/setupbrilldata3D.F
COMPILING EinsteinInitialData/IDBrillData/src/brillq.F
COMPILING EinsteinAnalysis/Hydro_Analysis/src/Hydro_Analysis_Masses.F90
COMPILING EinsteinInitialData/IDBrillData/src/phif.F
COMPILING EinsteinInitialData/IDBrillData/src/finishbrilldata.F
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Hydro_Analysis.a
COMPILING EinsteinInitialData/IDBrillData/src/Startup.c
COMPILING EinsteinInitialData/IDBrillData/src/ParamCheck.c
Checking status of thorn IOJpeg
COMPILING configs/sim/bindings/build/IDBrillData/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IDBrillData.a
Checking status of thorn KerrSchild
COMPILING CactusIO/IOJpeg/src/Startup.c
COMPILING CactusIO/IOJpeg/src/Output.c
COMPILING CactusIO/IOJpeg/src/Write.c
COMPILING CactusIO/IOJpeg/src/ChooseOutput.c
COMPILING CactusIO/IOJpeg/src/JPEG.c
COMPILING EinsteinExact/KerrSchild/src/Boundaries.cc
COMPILING configs/sim/bindings/build/IOJpeg/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IOJpeg.a
COMPILING EinsteinExact/KerrSchild/src/KerrSchild_always.cc
Checking status of thorn LlamaWaveToy
COMPILING Llama/LlamaWaveToy/src/boundaries.F90
COMPILING Llama/LlamaWaveToy/src/cons.F90
COMPILING Llama/LlamaWaveToy/src/energy.F90
COMPILING Llama/LlamaWaveToy/src/error.F90
COMPILING EinsteinExact/KerrSchild/src/KerrSchild_exact.cc
COMPILING Llama/LlamaWaveToy/src/init.F90
COMPILING Llama/LlamaWaveToy/src/init_metric.F90
COMPILING Llama/LlamaWaveToy/src/inverse_metric.F90
COMPILING Llama/LlamaWaveToy/src/min_spacing.F90
COMPILING Llama/LlamaWaveToy/src/register.c
COMPILING Llama/LlamaWaveToy/src/sYlm.cc
COMPILING EinsteinExact/KerrSchild/src/KerrSchild_initial.cc
COMPILING Llama/LlamaWaveToy/src/outerboundary.F90
COMPILING Llama/LlamaWaveToy/src/rhs.F90
COMPILING configs/sim/bindings/build/LlamaWaveToy/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_LlamaWaveToy.a
COMPILING EinsteinExact/KerrSchild/src/Kranc.cc
COMPILING EinsteinExact/KerrSchild/src/ParamCheck.cc
Checking status of thorn ML_ADMConstraints
COMPILING EinsteinExact/KerrSchild/src/RegisterMoL.cc
COMPILING McLachlan/ML_ADMConstraints/src/Boundaries.cc
COMPILING EinsteinExact/KerrSchild/src/RegisterSymmetries.cc
COMPILING McLachlan/ML_ADMConstraints/src/Kranc.cc
COMPILING EinsteinExact/KerrSchild/src/Startup.cc
COMPILING McLachlan/ML_ADMConstraints/src/ML_ADMConstraints_evaluate.cc
COMPILING configs/sim/bindings/build/KerrSchild/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_KerrSchild.a
COMPILING McLachlan/ML_ADMConstraints/src/RegisterMoL.cc
COMPILING McLachlan/ML_ADMConstraints/src/RegisterSymmetries.cc
Checking status of thorn ML_ADMQuantities
COMPILING McLachlan/ML_ADMQuantities/src/Boundaries.cc
COMPILING McLachlan/ML_ADMQuantities/src/Kranc.cc
COMPILING McLachlan/ML_ADMConstraints/src/Startup.cc
COMPILING McLachlan/ML_ADMQuantities/src/ML_ADMQuantities_calculate.cc
COMPILING configs/sim/bindings/build/ML_ADMConstraints/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ML_ADMConstraints.a
```



COMPILING McLachlan/ML\_ADMQuantities/src/RegisterMoL.cc  
Checking status of thorn ML\_BSSN  
COMPILING McLachlan/ML\_BSSN/src/Boundaries.cc  
COMPILING McLachlan/ML\_ADMQuantities/src/RegisterSymmetries.cc  
COMPILING McLachlan/ML\_ADMQuantities/src/Startup.cc  
COMPILING McLachlan/ML\_BSSN/src/Kranc.cc  
COMPILING configs/sim/bindings/build/ML\_ADMQuantities/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ML\_ADMQuantities.a  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_ADMBaseBoundaryScalar.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_ADMBaseEverywhere.cc  
Checking status of thorn ML\_BSSN\_Helper  
COMPILING McLachlan/ML\_BSSN\_Helper/src/ADMBase\_SelectBCs.c  
COMPILING McLachlan/ML\_BSSN\_Helper/src/ExtrapolateGammas.c  
COMPILING McLachlan/ML\_BSSN\_Helper/src/NewRad.c  
COMPILING McLachlan/ML\_BSSN\_Helper/src/Parameters.c  
COMPILING McLachlan/ML\_BSSN\_Helper/src/RegisterConstrained.c  
COMPILING McLachlan/ML\_BSSN\_Helper/src/RegisterSlicing.c  
COMPILING McLachlan/ML\_BSSN\_Helper/src/SetGroupTags.c  
COMPILING configs/sim/bindings/build/ML\_BSSN\_Helper/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ML\_BSSN\_Helper.a  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_ADMBaseInterior.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_ConstraintsEverywhere.cc  
Checking status of thorn ML\_CCZ4  
COMPILING McLachlan/ML\_CCZ4/src/Boundaries.cc  
COMPILING McLachlan/ML\_CCZ4/src/Kranc.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_ConstraintsInterior.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_ADMBaseBoundaryScalar.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_ADMBaseEverywhere.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_ADMBaseInterior.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_ConstraintsEverywhere.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_ConstraintsInterior.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EnforceEverywhere.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EvolutionAnalysisInit.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EvolutionAnalysisInterior.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EnforceEverywhere.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EvolutionAnalysisInit.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EvolutionAnalysisInterior.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EvolutionBoundaryScalar.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EvolutionInterior.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EvolutionBoundaryScalar.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EvolutionInterior.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EvolutionInteriorSplitBy1.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EvolutionInteriorSplitBy2.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EvolutionInteriorSplitBy1.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_EvolutionInteriorSplitBy3.cc  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EvolutionInteriorSplitBy2.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_InitialADMBase1Everywhere.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_InitialADMBase2BoundaryScalar.cc  
COMPILING McLachlan/ML\_BSSN/src/ML\_BSSN\_InitialADMBase2Interior.cc  
COMPILING McLachlan/ML\_BSSN/src/RegisterMoL.cc  
COMPILING McLachlan/ML\_BSSN/src/RegisterSymmetries.cc  
COMPILING McLachlan/ML\_BSSN/src/Startup.cc  
COMPILING configs/sim/bindings/build/ML\_BSSN/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ML\_BSSN.a  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_EvolutionInteriorSplitBy3.cc  
COMPILING configs/sim/bindings/build/ML\_CCZ4/cctk\_ThornBindings.c  
COMPILING McLachlan/ML\_CCZ4/src/ML\_CCZ4\_InitialADMBase1Everywhere.cc  
Checking status of thorn ML\_CCZ4\_Helper  
COMPILING McLachlan/ML\_CCZ4\_Helper/src/ADMBase\_SelectBCs.c  
COMPILING McLachlan/ML\_CCZ4\_Helper/src/ExtrapolateGammas.c  
COMPILING McLachlan/ML\_CCZ4\_Helper/src/NewRad.c  
COMPILING McLachlan/ML\_CCZ4\_Helper/src/Parameters.c  
COMPILING McLachlan/ML\_CCZ4\_Helper/src/RegisterConstrained.c  
COMPILING McLachlan/ML\_CCZ4\_Helper/src/RegisterSlicing.c

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COMPILING McLachlan/ML_CCZ4_Helper/src/SetGroupTags.c
COMPILING configs/sim/bindings/build/ML_CCZ4_Helper/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ML_CCZ4_Helper.a
COMPILING McLachlan/ML_CCZ4/src/ML_CCZ4_InitialADMBase2BoundaryScalar.cc
COMPILING McLachlan/ML_CCZ4/src/ML_CCZ4_InitialADMBase2Interior.cc
Checking status of thorn ML_WaveToy
COMPILING McLachlan/ML_WaveToy/src/Boundaries.cc
COMPILING McLachlan/ML_WaveToy/src/Kranc.cc
COMPILING McLachlan/ML_WaveToy/src/RegisterMoL.cc
COMPILING McLachlan/ML_WaveToy/src/RegisterSymmetries.cc
COMPILING McLachlan/ML_WaveToy/src/Startup.cc
COMPILING McLachlan/ML_WaveToy/src/WT_Dirichlet.cc
COMPILING McLachlan/ML_WaveToy/src/WT_EnergyBoundary.cc
COMPILING McLachlan/ML_WaveToy/src/WT_Energy.cc
COMPILING McLachlan/ML_WaveToy/src/WT_Gaussian.cc
COMPILING McLachlan/ML_WaveToy/src/WT_RHS.cc
COMPILING McLachlan/ML_WaveToy/src/WT_Standing.cc
COMPILING configs/sim/bindings/build/ML_WaveToy/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ML_WaveToy.a
COMPILING McLachlan/ML_CCZ4/src/RegisterMoL.cc
Checking status of thorn Meudon_Bin_BH
COMPILING EinsteinInitialData/Meudon_Bin_BH/src/Bin_BH.cc
COMPILING EinsteinInitialData/Meudon_Bin_BH/src/check_parameters.cc
COMPILING configs/sim/bindings/build/Meudon_Bin_BH/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Meudon_Bin_BH.a
COMPILING McLachlan/ML_CCZ4/src/RegisterSymmetries.cc
Checking status of thorn Meudon_Bin_NS
COMPILING EinsteinInitialData/Meudon_Bin_NS/src/Bin_NS.cc
COMPILING configs/sim/bindings/build/Meudon_Bin_NS/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Meudon_Bin_NS.a
Checking status of thorn Meudon_Mag_NS
COMPILING EinsteinInitialData/Meudon_Mag_NS/src/Mag_NS.cc
COMPILING EinsteinInitialData/Meudon_Mag_NS/src/check_parameters.cc
COMPILING configs/sim/bindings/build/Meudon_Mag_NS/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Meudon_Mag_NS.a
COMPILING McLachlan/ML_CCZ4/src/Startup.cc
Checking status of thorn Minkowski
COMPILING EinsteinExact/Minkowski/src/Boundaries.cc
COMPILING EinsteinExact/Minkowski/src/Kranc.cc
COMPILING EinsteinExact/Minkowski/src/Minkowski_always.cc
COMPILING EinsteinExact/Minkowski/src/Minkowski_exact.cc
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ML_CCZ4.a
COMPILING EinsteinExact/Minkowski/src/Minkowski_initial.cc
Checking status of thorn ModifiedSchwarzschildBL
COMPILING EinsteinExact/Minkowski/src/ParamCheck.cc
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/Boundaries.cc
COMPILING EinsteinExact/Minkowski/src/RegisterMoL.cc
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/Kranc.cc
COMPILING EinsteinExact/Minkowski/src/RegisterSymmetries.cc
COMPILING EinsteinExact/Minkowski/src/Startup.cc
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/ModifiedSchwarzschildBL_always.cc
COMPILING configs/sim/bindings/build/Minkowski/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Minkowski.a
Checking status of thorn NullInterp
COMPILING PITNullCode/NullInterp/src/NullInterp_InterpUtil.F90
COMPILING PITNullCode/NullInterp/src/NullInterp_ParamCheck.F90
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/ModifiedSchwarzschildBL_exact.cc
COMPILING PITNullCode/NullInterp/src/NullInterp_TempInit.F90
COMPILING PITNullCode/NullInterp/src/NullInterp_Interp.F90
COMPILING PITNullCode/NullInterp/src/NullInterp_Eth.F90
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/ModifiedSchwarzschildBL_initial.cc
```

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COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/ParamCheck.cc
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/RegisterMoL.cc
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/RegisterSymmetries.cc
COMPILING PITTNullCode/NullInterp/src/NullInterp_MaskInit.F90
COMPILING EinsteinExact/ModifiedSchwarzschildBL/src/Startup.cc
COMPILING PITTNullCode/NullInterp/src/NullInterp_Deriv.F90
COMPILING configs/sim/bindings/build/ModifiedSchwarzschildBL/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ModifiedSchwarzschild
BL.a
COMPILING configs/sim/bindings/build/NullInterp/cctk_ThornBindings.c
Checking status of thorn SetMask_SphericalSurface
COMPILING EinsteinUtils/SetMask_SphericalSurface/src/SetMask.c
COMPILING configs/sim/bindings/build/SetMask_SphericalSurface/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SetMask_SphericalSurf
ace.a
Checking status of thorn ShiftedGaugeWave
COMPILING PITTNullCode/NullInterp/src/NullInterp.F90
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullInterp.a
Checking status of thorn TOVSolver
COMPILING EinsteinInitialData/TOVSolver/src/tov.c
COMPILING EinsteinExact/ShiftedGaugeWave/src/Boundaries.cc
COMPILING EinsteinExact/ShiftedGaugeWave/src/Kranc.cc
COMPILING configs/sim/bindings/build/TOVSolver/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TOVSolver.a
COMPILING EinsteinExact/ShiftedGaugeWave/src/ParamCheck.cc
Checking status of thorn TestFortranDependencies1
COMPILING EinsteinExact/ShiftedGaugeWave/src/RegisterMoL.cc
COMPILING CactusTest/TestFortranDependencies1/src/tfd_use_module_far.F90
COMPILING configs/sim/bindings/build/TestFortranDependencies1/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestFortranDependenci
es1.a
COMPILING EinsteinExact/ShiftedGaugeWave/src/RegisterSymmetries.cc
Checking status of thorn TestLoopControl
COMPILING EinsteinExact/ShiftedGaugeWave/src/ShiftedGaugeWave_always.cc
COMPILING Carpet/TestLoopControl/src/TestLoopPointwise.cc
COMPILING Carpet/TestLoopControl/src/TestLoopC.c
COMPILING EinsteinExact/ShiftedGaugeWave/src/ShiftedGaugeWave_exact.cc
COMPILING Carpet/TestLoopControl/src/TestLoopFortran.F90
COMPILING configs/sim/bindings/build/TestLoopControl/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestLoopControl.a
COMPILING EinsteinExact/ShiftedGaugeWave/src/ShiftedGaugeWave_initial.cc
COMPILING EinsteinExact/ShiftedGaugeWave/src/Startup.cc
Checking status of thorn Vaidya2
COMPILING EinsteinExact/Vaidya2/src/Boundaries.cc
COMPILING configs/sim/bindings/build/ShiftedGaugeWave/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ShiftedGaugeWave.a
COMPILING EinsteinExact/Vaidya2/src/Kranc.cc
Checking status of thorn WaveMoL
COMPILING CactusExamples/WaveMoL/src/WaveMoL.c
COMPILING CactusExamples/WaveMoL/src/InitSymBound.c
COMPILING CactusExamples/WaveMoL/src/Startup.c
COMPILING CactusExamples/WaveMoL/src/WaveMoLRegister.c
COMPILING configs/sim/bindings/build/WaveMoL/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveMoL.a
COMPILING EinsteinExact/Vaidya2/src/ParamCheck.cc
COMPILING EinsteinExact/Vaidya2/src/RegisterMoL.cc
Checking status of thorn WaveToyC
COMPILING EinsteinExact/Vaidya2/src/RegisterSymmetries.cc
COMPILING CactusWave/WaveToyC/src/WaveToy.c
COMPILING CactusWave/WaveToyC/src/InitSymBound.c
COMPILING CactusWave/WaveToyC/src/Startup.c
COMPILING configs/sim/bindings/build/WaveToyC/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToyC.a
COMPILING EinsteinExact/Vaidya2/src/Startup.cc
```

```
COMPILING EinsteinExact/Vaidya2/src/Vaidya2_always.cc
Checking status of thorn WaveToyCXX
COMPILING CactusWave/WaveToyCXX/src/WaveToy.cc
COMPILING CactusWave/WaveToyCXX/src/InitSymBound.cc
COMPILING CactusWave/WaveToyCXX/src/Startup.cc
COMPILING EinsteinExact/Vaidya2/src/Vaidya2_exact.cc
COMPILING configs/sim/bindings/build/WaveToyCXX/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToyCXX.a
COMPILING configs/sim/bindings/build/Vaidya2/cctk_ThornBindings.c
Checking status of thorn WaveToyF77
COMPILING CactusWave/WaveToyF77/src/InitSymBound.F77
COMPILING CactusWave/WaveToyF77/src/WaveToy.F77
COMPILING CactusWave/WaveToyF77/src/Startup.F77
COMPILING configs/sim/bindings/build/WaveToyF77/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToyF77.a
Checking status of thorn WaveToyF90
COMPILING CactusWave/WaveToyF90/src/InitSymBound.F
COMPILING CactusWave/WaveToyF90/src/WaveToy.F
COMPILING CactusWave/WaveToyF90/src/Startup.F
COMPILING configs/sim/bindings/build/WaveToyF90/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToyF90.a
COMPILING EinsteinExact/Vaidya2/src/Vaidya2_initial.cc
Checking status of thorn WaveToyFreeF90
COMPILING CactusWave/WaveToyFreeF90/src/InitSymBound.F90
COMPILING CactusWave/WaveToyFreeF90/src/WaveToy.F90
COMPILING CactusWave/WaveToyFreeF90/src/Startup.F90
COMPILING configs/sim/bindings/build/WaveToyFreeF90/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToyFreeF90.a
Checking status of thorn WeylSca14
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Vaidya2.a
COMPILING EinsteinAnalysis/WeylSca14/src/Boundaries.cc
COMPILING configs/sim/bindings/build/WeylSca14/cctk_ThornBindings.c
COMPILING EinsteinAnalysis/WeylSca14/src/Kranc.cc
COMPILING EinsteinAnalysis/WeylSca14/src/RegisterMoL.cc
COMPILING EinsteinAnalysis/WeylSca14/src/RegisterSymmetries.cc
COMPILING EinsteinAnalysis/WeylSca14/src/Startup.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_invars_calc_2nd.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_invars_calc_4th.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_invars_calc_Nth.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_psi4_calc_2nd.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_psi4_calc_4th.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_psi4_calc_Nth.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_psis_calc_2nd.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_psis_calc_4th.cc
COMPILING EinsteinAnalysis/WeylSca14/src/WeylSca14_psis_calc_Nth.cc
Checking status of thorn MPI
COMPILING configs/sim/bindings/build/MPI/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_MPI.a
Checking status of thorn ADMAnalysis
COMPILING EinsteinAnalysis/ADMAnalysis/src/ParamCheck.c
COMPILING EinsteinAnalysis/ADMAnalysis/src/Symmetry.c
COMPILING EinsteinAnalysis/ADMAnalysis/src/Analysis.c
COMPILING EinsteinAnalysis/ADMAnalysis/src/CartToSphere.c
COMPILING EinsteinAnalysis/ADMAnalysis/src/Ricci.c
COMPILING EinsteinAnalysis/ADMAnalysis/src/Trace.c
COMPILING configs/sim/bindings/build/ADMAnalysis/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ADMAnalysis.a
Checking status of thorn ADMBase
COMPILING EinsteinBase/ADMBase/src/ParamCheck.c
COMPILING EinsteinBase/ADMBase/src/Initialisation.c
COMPILING EinsteinBase/ADMBase/src/Static.c
COMPILING EinsteinBase/ADMBase/src/InitSymBound.c
COMPILING configs/sim/bindings/build/ADMBase/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ADMBase.a
```

```
Checking status of thorn AMReX
AMReX: Preparing directory structure...
AMReX: Unpacking archive...
~/Cactus/Cactus/configs/sim/scratch/build/AMReX ~/Cactus/Cactus/configs/sim/scratch
AMReX: Configuring...
CMake Deprecation Warning at CMakeLists.txt:34 (cmake_policy):
  The OLD behavior for policy CMP0104 will be removed from a future version
  of CMake.
```

The cmake-policies(7) manual explains that the OLD behaviors of all policies are deprecated and that a policy should be set to OLD only under specific short-term circumstances. Projects should be ported to the NEW behavior and not rely on setting a policy to OLD.

```
-- The C compiler identification is GNU 13.3.0
-- The CXX compiler identification is GNU 13.3.0
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Check for working C compiler: /usr/bin/gcc - skipped
-- Detecting C compile features
-- Detecting C compile features - done
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Check for working CXX compiler: /usr/bin/g++ - skipped
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- CMake version: 3.28.3
-- AMReX installation directory: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX
-- Build type set by user to 'Release'.
-- Building AMReX with AMReX_SPACEDIM = 3
-- Configuring AMReX with the following options enabled:
--   AMReX_PRECISION = DOUBLE
--   AMReX_MPI
--   AMReX_OMP
--   AMReX_AMRLEVEL
--   AMReX_LINEAR_SOLVERS
--   AMReX_PARTICLES
--   AMReX_PARTICLES_PRECISION = DOUBLE
--   AMReX_INLINE_LIMIT = 43210
--   AMReX_ASSERTIONS
--   AMReX_PROBINIT
-- Performing Test CMAKE_HAVE_LIBC_PTHREAD
-- Performing Test CMAKE_HAVE_LIBC_PTHREAD - Success
-- Found Threads: TRUE
-- Found MPI_C: /usr/lib/x86_64-linux-gnu/openmpi/lib/libmpi.so (found version "3.1")
-- Found MPI_CXX: /usr/lib/x86_64-linux-gnu/openmpi/lib/libmpi_cxx.so (found version "3.1")
-- Found MPI: TRUE (found version "3.1") found components: C CXX
-- Found OpenMP_CXX: -fopenmp (found version "4.5")
-- Found OpenMP: TRUE (found version "4.5") found components: CXX
-- AMReX configuration summary:
--   Build type                = Release
--   Install directory         = /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX
--   C++ compiler              = /usr/bin/g++
--   C++ defines                = -DAMREX_SPACEDIM=3
--   C++ flags                  = -O3 -DNDEBUG -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -g -std=c++17 -D_GNU_SOURCE -O2 -fopenmp -fopenmp -finline-limit=43210
--   C++ include paths         = -I/home/anisha/Cactus/Cactus/configs/sim/scratch/
```

```
build/AMReX/amrex-24.10/Src/Base -I/home/anisha/Cactus/Cactus/configs/sim/scratch/
build/AMReX/amrex-24.10/Src/Base/Parser -I/home/anisha/Cactus/Cactus/configs/sim/s
cratch/build/AMReX/amrex-24.10/Src/Boundary -I/home/anisha/Cactus/Cactus/configs/s
im/scratch/build/AMReX/amrex-24.10/Src/AmrCore -I/home/anisha/Cactus/Cactus/config
s/sim/scratch/build/AMReX/amrex-24.10/Src/Amr -I/home/anisha/Cactus/Cactus/config
s/sim/scratch/build/AMReX/amrex-24.10/Src/LinearSolvers -I/home/anisha/Cactus/Cact
us/configs/sim/scratch/build/AMReX/amrex-24.10/Src/LinearSolvers/MLMG -I/home/anis
ha/Cactus/Cactus/configs/sim/scratch/build/AMReX/amrex-24.10/Src/LinearSolvers/Ope
nBC -I/home/anisha/Cactus/Cactus/configs/sim/scratch/build/AMReX/amrex-24.10/Src/P
article -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/op
enmpi/include/openmpi
-- Link line = /usr/lib/x86_64-linux-gnu/openmpi/lib/libmpi.so /
usr/lib/x86_64-linux-gnu/openmpi/lib/libmpi_cxx.so
-- Configuring done (8.7s)
-- Generating done (0.0s)
-- Build files have been written to: /home/anisha/Cactus/Cactus/configs/sim/scratc
h/build/AMReX/amrex-24.10/build
AMReX: Building...
[ 0%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BlockMutex.cpp.o
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WeylSca14.a
[ 1%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX.cpp.o
Checking status of thorn HDF5
COMPILING configs/sim/bindings/build/HDF5/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_HDF5.a
[ 2%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_error_fi.cpp.o
Checking status of thorn CT_Analytic
COMPILING CTThorns/CT_Analytic/src/Boundaries.cc
COMPILING CTThorns/CT_Analytic/src/CT_Analytic_BY_Calc.cc
[ 3%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Version.cpp.o
[ 4%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_PODVector.cpp.o
COMPILING CTThorns/CT_Analytic/src/CT_Analytic_ExactBoundary.cc
COMPILING CTThorns/CT_Analytic/src/CT_Analytic_Exact_Calc.cc
[ 4%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_ParmParse.cpp.o
COMPILING CTThorns/CT_Analytic/src/CT_Analytic_ExpandingLattice_Calc.cc
COMPILING CTThorns/CT_Analytic/src/CT_Analytic_LumpBoundary.cc
COMPILING CTThorns/CT_Analytic/src/CT_Analytic_Lump_Calc.cc
COMPILING CTThorns/CT_Analytic/src/CT_Analytic_Poisson_Calc.cc
COMPILING CTThorns/CT_Analytic/src/Kranc.cc
COMPILING CTThorns/CT_Analytic/src/RegisterMoL.cc
COMPILING CTThorns/CT_Analytic/src/RegisterSymmetries.cc
COMPILING CTThorns/CT_Analytic/src/Startup.cc
COMPILING configs/sim/bindings/build/CT_Analytic/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CT_Analytic.a
COMPILING configs/sim/bindings/build/AMReX/cctk_ThornBindings.c
Checking status of thorn CarpetLib
COMPILING Carpet/CarpetLib/src/backtrace.cc
COMPILING Carpet/CarpetLib/src/balance.cc
COMPILING Carpet/CarpetLib/src/bbox.cc
[ 5%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_parmparse_fi.cp
p.o
[ 6%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_String.cpp.o
[ 7%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_UTILITY.cpp.o
COMPILING Carpet/CarpetLib/src/bboxset.cc
COMPILING Carpet/CarpetLib/src/bboxset1.cc
[ 8%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FileSystem.cpp.o
[ 9%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Random.cpp.o
COMPILING Carpet/CarpetLib/src/bboxset2.cc
COMPILING Carpet/CarpetLib/src/bintree.cc
COMPILING Carpet/CarpetLib/src/cacheinfo.cc
[ 9%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_DistributionMapp
ing.cpp.o
COMPILING Carpet/CarpetLib/src/commstate.cc
COMPILING Carpet/CarpetLib/src/data.cc
COMPILING Carpet/CarpetLib/src/defs.cc
```

```

[ 10%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_ParallelDescriptor.cpp.o
[ 11%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_OpenMP.cpp.o
COMPILING Carpet/CarpetLib/src/dh.cc
[ 12%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_ForkJoin.cpp.o
[ 13%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_ParallelContext.cpp.o
[ 14%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_VisMF.cpp.o
COMPILING Carpet/CarpetLib/src/dist.cc
COMPILING Carpet/CarpetLib/src/fulltree.cc
COMPILING Carpet/CarpetLib/src/gdata.cc
COMPILING Carpet/CarpetLib/src/gf.cc
COMPILING Carpet/CarpetLib/src/ggf.cc
[ 14%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_AsyncOut.cpp.o
[ 15%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BackgroundThread.cpp.o
COMPILING Carpet/CarpetLib/src/gh.cc
[ 16%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Arena.cpp.o
[ 17%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BArena.cpp.o
COMPILING Carpet/CarpetLib/src/limits.cc
[ 18%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_CArena.cpp.o
COMPILING Carpet/CarpetLib/src/mem.cc
COMPILING Carpet/CarpetLib/src/memstat.cc
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetLib/memstat.cc: In function 'void CarpetLib::CarpetLib_printmemstats(cGH*)':
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetLib/memstat.cc:70:43: warning:
'mallinfo mallinfo()' is deprecated [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdeprecated-declarations [8]; [8]
   70 |         struct mallinfo const minfo = mallinfo();
       |                                     ~~~~~^~
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/CarpetLib/memstat.cc:16:
/usr/include/malloc.h:114:24: note: declared here
   114 | extern struct mallinfo mallinfo (void) __THROW __MALLOC_DEPRECATED;
       |                   ^~~~~~
COMPILING Carpet/CarpetLib/src/mpi_string.cc
[ 19%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_PArena.cpp.o
[ 19%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BLBackTrace.cpp.o
COMPILING Carpet/CarpetLib/src/region.cc
[ 20%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_NFiles.cpp.o
COMPILING Carpet/CarpetLib/src/startup_time.cc
COMPILING Carpet/CarpetLib/src/th.cc
[ 21%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_parstream.cpp.o
COMPILING Carpet/CarpetLib/src/timestat.cc
COMPILING Carpet/CarpetLib/src/vect.cc
[ 22%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FabConv.cpp.o
[ 23%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FPC.cpp.o
COMPILING Carpet/CarpetLib/src/copy_3d.cc
[ 23%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_VectorIO.cpp.o
COMPILING Carpet/CarpetLib/src/copy_4d.cc
[ 24%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_IntConv.cpp.o
COMPILING Carpet/CarpetLib/src/interpolate_3d_2t1.cc
[ 25%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Box.cpp.o
COMPILING Carpet/CarpetLib/src/interpolate_3d_3t1.cc
[ 26%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BoxIterator.cpp.o
[ 27%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_IntVect.cpp.o
COMPILING Carpet/CarpetLib/src/interpolate_3d_4t1.cc
[ 28%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_IndexType.cpp.o
COMPILING Carpet/CarpetLib/src/interpolate_3d_5t1.cc
[ 28%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Orientation.cpp.o
COMPILING Carpet/CarpetLib/src/interpolate_eno_3d_3t1.cc

```

```
[ 29%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Periodicity.cpp.o
COMPILING Carpet/CarpetLib/src/restrict_3d_cc_rf2.cc
[ 30%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_RealBox.cpp.o
[ 31%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_RealVect.cpp.o
COMPILING Carpet/CarpetLib/src/restrict_3d_cc_o3_rf2.cc
[ 32%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BoxList.cpp.o
COMPILING Carpet/CarpetLib/src/restrict_3d_cc_o5_rf2.cc
COMPILING Carpet/CarpetLib/src/restrict_3d_rf2.cc
[ 33%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BoxArray.cpp.o
COMPILING Carpet/CarpetLib/src/restrict_3d_stagger011.cc
COMPILING Carpet/CarpetLib/src/restrict_3d_stagger101.cc
COMPILING Carpet/CarpetLib/src/restrict_3d_stagger110.cc
COMPILING Carpet/CarpetLib/src/restrict_3d_stagger111.cc
[ 33%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BoxDomain.cpp.o
COMPILING Carpet/CarpetLib/src/restrict_3d_vc_rf2.cc
[ 34%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FArrayBox.cpp.o
[ 35%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_IArrayBox.cpp.o
COMPILING Carpet/CarpetLib/src/restrict_3d_dgfe_rf2.cc
COMPILING Carpet/CarpetLib/src/restrict_4d_rf2.cc
[ 36%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BaseFab.cpp.o
COMPILING Carpet/CarpetLib/src/prolongate_3d_stagger011.cc
[ 37%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_MultiFab.cpp.o
COMPILING Carpet/CarpetLib/src/prolongate_3d_stagger101.cc
COMPILING Carpet/CarpetLib/src/prolongate_3d_stagger110.cc
[ 38%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_MFCopyDescriptor.cpp.o
COMPILING Carpet/CarpetLib/src/prolongate_3d_stagger111.cc
COMPILING Carpet/CarpetLib/src/prolongate_3d_rf2.cc
[ 38%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_iMultiFab.cpp.o
COMPILING Carpet/CarpetLib/src/prolongate_3d_cc_rf2.cc
[ 39%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FabArrayBase.cpp.o
COMPILING Carpet/CarpetLib/src/prolongate_3d_cc_eno_rf2.cc
COMPILING Carpet/CarpetLib/src/prolongate_3d_o5_monotone_rf2.cc
COMPILING Carpet/CarpetLib/src/prolongate_3d_real8_eno.F90
COMPILING Carpet/CarpetLib/src/prolongate_3d_real8_tvd.F90
COMPILING Carpet/CarpetLib/src/prolongate_3d_cc_real8_tvd.F90
COMPILING Carpet/CarpetLib/src/prolongate_3d_real8_weno.F90
COMPILING Carpet/CarpetLib/src/prolongate_3d_dgfe_rf2.cc
COMPILING Carpet/CarpetLib/src/prolongate_4d_o1_rf2.cc
[ 40%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_MFIter.cpp.o
COMPILING configs/sim/bindings/build/CarpetLib/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CarpetLib.a
[ 41%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_CoordSys.cpp.o
[ 42%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Geometry.cpp.o
[ 42%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_MultiFabUtil.cpp.o
[ 43%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BCRec.cpp.o
[ 44%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_PhysBCFunct.cpp.o
[ 45%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_BCUtil.cpp.o
[ 46%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FilCC_C.cpp.o
Checking status of thorn CarpetMask
COMPILING Carpet/CarpetMask/src/mask_excluded.cc
COMPILING Carpet/CarpetMask/src/mask_surface.cc
COMPILING configs/sim/bindings/build/CarpetMask/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CarpetMask.a
[ 47%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FilFC_C.cpp.o
[ 47%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_FilND_C.cpp.o
[ 48%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_NonLocalBC.cpp.o
Checking status of thorn Silo
Silo: Preparing directory structure...
Silo: Unpacking archive...
```



```
~/Cactus/Cactus/configs/sim/scratch/build/Silo ~/Cactus/Cactus/configs/sim/scratch
Silo: Applying patches...
patching file .patch_tmp
Silo: Configuring...
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /usr/bin/mkdir -p
checking for gawk... gawk
checking whether make sets $(MAKE)... yes
checking whether make supports nested variables... yes
checking whether to enable maintainer-specific portions of Makefiles... no
checking for style of include used by make... GNU
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking whether gcc understands -c and -o together... yes
checking dependency style of gcc... gcc3
checking for struct stat64.st_dev... no
checking for struct stat.st_dev... yes
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking what version the package is... 4.11.1
checking for site config host file... no
checking for config-site x86_64-unknown-linux-gnu... no
checking for config-site x86_64-unknown-linux-gnu... no
checking for config-site unknown-linux-gnu... no
checking for config-site unknown-linux-gnu... no
checking for config-site x86_64-linux-gnu... no
checking for config-site x86_64-linux-gnu... no
checking for config-site x86_64-unknown... no
checking for config-site linux-gnu... no
checking for config-site linux-gnu... no
checking for config-site unknown... no
checking for config-site x86_64... found
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking dependency style of g++... gcc3
checking for gcc... (cached) gcc
checking whether we are using the GNU C compiler... (cached) yes
checking whether gcc accepts -g... (cached) yes
checking for gcc option to accept ISO C89... (cached) none needed
checking whether gcc understands -c and -o together... (cached) yes
checking dependency style of gcc... (cached) gcc3
checking how to run the C preprocessor... cpp
checking whether make sets $(MAKE)... (cached) yes
checking how to print strings... printf
checking for a sed that does not truncate output... /usr/bin/sed
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for fgrep... /usr/bin/grep -F
checking for ld used by gcc... g++
checking if the linker (g++) is GNU ld... no
checking for BSD- or MS-compatible name lister (nm)... /usr/bin/nm -B
checking the name lister (/usr/bin/nm -B) interface... BSD nm
checking whether ln -s works... yes
checking the maximum length of command line arguments... 1572864
checking how to convert x86_64-unknown-linux-gnu file names to x86_64-unknown-linu
x-gnu format... func_convert_file_noop
```

checking how to convert x86\_64-unknown-linux-gnu file names to toolchain format...  
func\_convert\_file\_noop  
checking for g++ option to reload object files... -r  
checking for objdump... objdump  
checking how to recognize dependent libraries... pass\_all  
checking for dlltool... no  
checking how to associate runtime and link libraries... printf %s\n  
checking for archiver @FILE support... @  
checking for strip... strip  
checking for ranlib... ranlib  
checking command to parse /usr/bin/nm -B output from gcc object... ok  
checking for sysroot... no  
checking for a working dd... /usr/bin/dd  
checking how to truncate binary pipes... /usr/bin/dd bs=4096 count=1  
checking for mt... no  
checking if : is a manifest tool... no  
checking for ANSI C header files... yes  
checking for sys/types.h... yes  
checking for sys/stat.h... yes  
checking for stdlib.h... yes  
checking for string.h... yes  
checking for memory.h... yes  
checking for strings.h... yes  
checking for inttypes.h... yes  
checking for stdint.h... yes  
checking for unistd.h... yes  
checking for dlfcn.h... yes  
checking for objdir... .libs  
checking if gcc supports -fno-rtti -fno-exceptions... no  
checking for gcc option to produce PIC... -fPIC -DPIC  
checking if gcc PIC flag -fPIC -DPIC works... yes  
checking if gcc static flag -static works... no  
checking if gcc supports -c -o file.o... yes  
checking if gcc supports -c -o file.o... (cached) yes  
checking whether the gcc linker (g++ -m elf\_x86\_64) supports shared libraries... y  
es  
checking dynamic linker characteristics... GNU/Linux ld.so  
checking how to hardcode library paths into programs... unsupported  
checking whether stripping libraries is possible... yes  
checking if libtool supports shared libraries... yes  
checking whether to build shared libraries... no  
checking whether to build static libraries... yes  
checking how to run the C++ preprocessor... g++ -E  
checking for ld used by g++... g++ -m elf\_x86\_64  
checking if the linker (g++ -m elf\_x86\_64) is GNU ld... no  
checking whether the g++ linker (g++ -m elf\_x86\_64) supports shared libraries... y  
es  
checking for g++ option to produce PIC... -fPIC -DPIC  
checking if g++ PIC flag -fPIC -DPIC works... yes  
checking if g++ static flag -static works... no  
checking if g++ supports -c -o file.o... yes  
checking if g++ supports -c -o file.o... (cached) yes  
checking whether the g++ linker (g++ -m elf\_x86\_64) supports shared libraries... y  
es  
checking dynamic linker characteristics... (cached) GNU/Linux ld.so  
checking how to hardcode library paths into programs... unsupported  
checking if libtool supports shared libraries... yes  
checking whether to build shared libraries... no  
checking whether to build static libraries... yes  
checking for gfortran option to produce PIC...  
checking if gfortran static flag works... yes  
checking if gfortran supports -c -o file.o... yes  
checking if gfortran supports -c -o file.o... (cached) yes  
checking whether the gfortran linker (g++ -m elf\_x86\_64) supports shared librarie

```
s... yes
checking dynamic linker characteristics... (cached) GNU/Linux ld.so
checking how to hardcode library paths into programs... unsupported
checking for library containing strerror... none required
checking for hzip... found
checking zlib.h usability... yes
checking zlib.h presence... yes
checking for zlib.h... yes
checking for inflateEnd in -lz... yes
checking for fpzip... found
checking for zfp... found
checking compiler optimization... ../configure: line 25114: AX_CC_MAXOPT: command
not found
enabled
checking whether C compiler accepts "-D_LARGEFILE_SOURCE"... yes
checking whether C compiler accepts "-D_LARGEFILE64_SOURCE"... yes
checking whether C compiler accepts "-D_FILE_OFFSET_BITS=64"... yes
checking whether C compiler accepts "-Wdeclaration-after-statement"... yes
checking size of off64_t... 8
checking sys/time.h usability... yes
checking sys/time.h presence... [ 49%] Building CXX object Src/CMakeFiles/amrex_3
d.dir/Base/AMReX_PlotFileUtil.cpp.o
yes
checking for sys/time.h... yes
checking stdarg.h usability... yes
checking stdarg.h presence... yes
checking for stdarg.h... yes
checking for sys/stat.h... (cached) yes
checking fcntl.h usability... yes
checking fcntl.h presence... yes
checking for fcntl.h... yes
checking sys/fcntl.h usability... yes
checking sys/fcntl.h presence... yes
checking for sys/fcntl.h... yes
checking fnmatch.h usability... yes
checking fnmatch.h presence... yes
checking for fnmatch.h... yes
checking ieee754.h usability... no
checking ieee754.h presence... no
checking for ieee754.h... no
checking for sys/types.h... (cached) yes
checking for unistd.h... (cached) yes
checking for ANSI C header files... (cached) yes
checking for fclose function pointer... yes
checking for fflush function pointer... yes
checking for fopen function pointer... yes
checking for fprintf function pointer... yes
checking for fread function pointer... yes
checking for fseek function pointer... yes
checking for setvbuf function pointer... yes
checking for ftell function pointer... yes
checking for fwrite function pointer... yes
checking for memmove... yes
checking for fnmatch... yes
checking for isnan... yes
checking for fpclass... no
checking for strerror... yes
checking if setjmp and longjmp work... yes
checking for cos in -lm... yes
checking for szlib... suppressed
checking for hdf5... configure: checking for hdf5 and supporting libraries...
checking hdf5.h usability... yes
checking hdf5.h presence... no
configure: WARNING: hdf5.h: accepted by the compiler, rejected by the preprocesso
```

```

r!
configure: WARNING: hdf5.h: proceeding with the compiler's result
checking for hdf5.h... yes
checking for H5open... yes
checking for a readline compatible library... no
checking that generated files are newer than configure... done
configure: creating ./config.status
config.status: creating Makefile
config.status: creating svn_bin/Makefile
config.status: creating config/Makefile
config.status: creating config-site/Makefile
config.status: creating docs/Makefile
config.status: creating src/Makefile
config.status: creating src/score/Makefile
config.status: creating src/pdb/Makefile
config.status: creating src/silo/Makefile
config.status: creating src/silo/silo.h
config.status: creating src/debug/Makefile
config.status: creating src/netcdf/Makefile
config.status: creating src/pdb_drv/Makefile
config.status: creating src/pdbp_drv/Makefile
config.status: creating src/hdf5_drv/Makefile
config.status: creating src/taurus/Makefile
config.status: creating src/unknown/Makefile
config.status: creating src/filters/Makefile
config.status: creating tests/Makefile
config.status: creating tools/Makefile
config.status: creating tools/browser/Makefile
config.status: creating tools/python/Makefile
config.status: creating tools/silex/Makefile
config.status: creating tools/silock/Makefile
config.status: creating tools/json/Makefile
config.status: creating tools/mapred/Makefile
config.status: creating src/hzip/Makefile
config.status: creating src/fpzip/Makefile
config.status: creating src/libsiloh5.settings
config.status: creating config.h
config.status: executing tests/atconfig commands
config.status: executing depfiles commands
config.status: executing libtool commands

```

#### SUMMARY OF THE Silo with HDF5 CONFIGURATION

=====

```

Silo Version:          4.11.1
Configured on:         Sat Mar 15 11:28:05 UTC 2025
Configured by:         anisha@ANISHA
Configure command:     ./configure '--disable-zfp' '--disable-fortran' '--enable
-optimization' '--with-hdf5=/usr/include/hdf5/openmpi,/usr/lib/x86_64-linux-gnu/hd
f5/openmpi' '--prefix=/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Sil
o' '--libdir=/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/lib' 'CC
=gcc' 'CFLAGS=-g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi
-I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86
_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/
openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linu
x-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi' 'LDFLAG
S=-rdynamic -O2 -fopenmp -L/usr/lib/x86_64-linux-gnu/hdf5/openmpi -Wl,-rpath,/usr/
lib/x86_64-linux-gnu/hdf5/openmpi -L/usr/lib/x86_64-linux-gnu/openmpi/lib -Wl,-rpa
th,/usr/lib/x86_64-linux-gnu/openmpi/lib -L/usr/lib/x86_64-linux-gnu/openmpi/lib -
Wl,-rpath,/usr/lib/x86_64-linux-gnu/openmpi/lib -L/usr/lib/gcc/x86_64-linux-gnu/13
-Wl,-rpath,/usr/lib/gcc/x86_64-linux-gnu/13' 'LIBS= -lhdf5hl_fortran -lhdf5_fortra
n -lhdf5_hl -lhdf5 -lhdf5 -lmpi -lhwloc -levent_core -levent_pthreads -lm -lz -lsz
-lz -lmpi_cxx -lmpi -lm -lz -lm -lm -lm -lm -lm -lm -lm -lm -lm -lm -lcrypt -lgfortran' 'C

```

```
PPFLAGS= -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1' 'CXX=g++' 'CXXFLAGS=-g
-std=c++17 -D_GNU_SOURCE -O2 -fopenmp' 'CPP=cpp' 'F77=gfortran'
Host system:          x86_64-unknown-linux-gnu
Build system:         x86_64-unknown-linux-gnu
Installation point:   /home/anisha/Cactus/Cactus/configs/sim/scratch/external/Si
lo
Source directory:     @UsingSrcDir@
Archiver:             ar
Ranlib:              ranlib
```

#### Configure Summary

##### Compiling Options:

```
C Compiler /usr/bin/gcc
CPPFLAGS -I/usr/include/hdf5/openmpi -fopenmp -DH5Oget_inf
o_vers=1 -DH50_info_t_vers=1
CFLAGS -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linu
x-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/ope
nmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortr
an/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/inclu
de/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdecl
aration-after-statement
LDFLAGS -L/usr/lib/x86_64-linux-gnu/hdf5/openmpi -rdynamic
-O2 -fopenmp -L/usr/lib/x86_64-linux-gnu/hdf5/openmpi -Wl,-rpath,/usr/lib/x86_64-
linux-gnu/hdf5/openmpi -L/usr/lib/x86_64-linux-gnu/openmpi/lib -Wl,-rpath,/usr/li
b/x86_64-linux-gnu/openmpi/lib -L/usr/lib/x86_64-linux-gnu/openmpi/lib -Wl,-rpat
h,/usr/lib/x86_64-linux-gnu/openmpi/lib -L/usr/lib/gcc/x86_64-linux-gnu/13 -Wl,-rp
ath,/usr/lib/gcc/x86_64-linux-gnu/13
LIBS -lhdf5 -lz -lhdf5hl_fortran -lhdf5_fortran -lhdf5
_hl -lhdf5 -lhdf5 -lmpi -lhwloc -levent_core -levent_pthreads -lm -lz -lsz -lz -lm
pi_cxx -lmpi -lm -lz -lm -lm -lm -lm -lm -lm -lm -lm -lcrypt -lgfortran -lm
Languages:
```

```
C++ Compiler /usr/bin/g++
CXXFLAGS -g -std=c++17 -D_GNU_SOURCE -O2 -fopenmp
Fortran Compiler
FCFLAGS
FCLIBS
```

##### Features:

```
Browser @UsingBrowser@
Readline @UsingReadline@
HDF5 @UsingHDF5@
Silex @UsingSilex@
Qt @UsingQt@
Qt moc Compiler
Qt CXXFLAGS
Qt LIBS
Python @UsingPython@
Python Compiler
Python CPPFLAGS
```

Silo: Building...

Making all in .

Making all in src

Making all in score

```
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././src/score -I../.. -I/usr/inc
lude/hdf5/openmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99
-O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/includ
e -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-li
nux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_
SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT memmove.lo -MD -MP
-MF .deps/memmove.Tpo -c ../././src/score/memmove.c -o memmove.o
```

```
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././src/score -I../.. -I/usr/inc
lude/hdf5/openmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99
```

```

-O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/includ
e -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-li
nux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_
SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT scctla.lo -MD -MP
-MF .deps/scctla.Tpo -c ../../../../src/score/scctla.c -o scctla.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../../../../src/score -I../../ -I/usr/inc
lude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99
-O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/includ
e -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-li
nux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_
SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT scctl.lo -MD -MP -
MF .deps/scctl.Tpo -c ../../../../src/score/scctl.c -o scctl.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../../../../src/score -I../../ -I/usr/inc
lude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99
-O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/includ
e -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-li
nux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_
SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT schash.lo -MD -MP -
MF .deps/schash.Tpo -c ../../../../src/score/schash.c -o schash.o
[ 50%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_PlotFileDataImp
l.cpp.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../../../../src/score -I../../ -I/usr/inc
lude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99
-O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/includ
e -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-li
nux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_
SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT scstr.lo -MD -MP -
MF .deps/scstr.Tpo -c ../../../../src/score/scstr.c -o scstr.o
libtool: link: ar cru .libs/libsilo_score.a memmove.o scctla.o scctl.o schash.o s
cstr.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_score.a
libtool: link: ( cd ".libs" && rm -f "libsilo_score.la" && ln -s "../libsilo_scor
e.la" "libsilo_score.la" )
Making all in pdb
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../../../../src/pdb -I../../ -I../../../../../s
rc/score -I../../../../../src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdb.lo -MD -MP -MF .deps/pdb.Tpo -c ../../../../src/pdb/pdb.c -o
pdb.o
../../../../../src/pdb/pdb.c:1810:2: warning: #warning MOVE TO PDLow.C [8];https://gc
c.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8;8
1810 | #warning MOVE TO PDLow.C
      | ^~~~~~
../../../../../src/pdb/pdb.c:1818:2: warning: #warning MOVE TO PDMEMB.C [8];https://gc
c.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8;8
1818 | #warning MOVE TO PDMEMB.C
      | ^~~~~~
../../../../../src/pdb/pdb.c:1826:2: warning: #warning MOVE TO PDLow.C [8];https://gc
c.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8;8
1826 | #warning MOVE TO PDLow.C

```

```

| ^~~~~~
.././././src/pdb/pdb.c:1877:2: warning: #warning MOVE TO PDLOW.C [8];https://gcc
c.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8]
1877 | #warning MOVE TO PDLOW.C
| ^~~~~~
.././././src/pdb/pdb.c:1886:2: warning: #warning MOVE TO PDLOW.C [8];https://gcc
c.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8]
1886 | #warning MOVE TO PDLOW.C
| ^~~~~~
.././././src/pdb/pdb.c:1896:2: warning: #warning MOVE TO PDBDIR.C [8];https://gcc
c.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8]
1896 | #warning MOVE TO PDBDIR.C
| ^~~~~~
.././././src/pdb/pdb.c: In function 'lite_PD_ln':
.././././src/pdb/pdb.c:1903:2: warning: #warning MAYBE INCREASE MAXLINE FOR LEOSPA
CT [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8]
1903 | #warning MAYBE INCREASE MAXLINE FOR LEOSPACT
| ^~~~~~
.././././src/pdb/pdb.c: At top level:
.././././src/pdb/pdb.c:1980:2: warning: #warning SHOULD GO IN PDBMM.c [8];http
s://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8]
1980 | #warning SHOULD GO IN PDBMM.c
| ^~~~~~
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pbdbr.dir.o -MD -MP -MF .deps/pbdbr.Tpo -c .././././src/pdb/pdb
dir.c -o pbdbr.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdbio.o -MD -MP -MF .deps/pdbio.Tpo -c .././././src/pdb/pdbi
o.c -o pdbio.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdbmm.o -MD -MP -MF .deps/pdbmm.Tpo -c .././././src/pdb/pdbm
m.c -o pdbmm.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdbx.o -MD -MP -MF .deps/pdbx.Tpo -c .././././src/pdb/pdbx.c
-o pdbx.o

```

```
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdconv.lo -MD -MP -MF .deps/pdconv.Tpo -c .././././src/pdb/pdc
onv.c -o pdconv.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdlow.lo -MD -MP -MF .deps/pdlow.Tpo -c .././././src/pdb/pdlow
w.c -o pdlow.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdmemb.lo -MD -MP -MF .deps/pdmemb.Tpo -c .././././src/pdb/pdm
emb.c -o pdmemb.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdpath.lo -MD -MP -MF .deps/pdpath.Tpo -c .././././src/pdb/pdp
ath.c -o pdpath.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/pdb -I../.. -I.././././s
rc/score -I.././././src/silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_ve
rs=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hd
f5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/
usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfort
ran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/
x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openm
pi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-
after-statement -MT pdrdwr.lo -MD -MP -MF .deps/pdrdwr.Tpo -c .././././src/pdb/pdr
dwr.c -o pdrdwr.o
libtool: link: ar cru .libs/libsilo_pdb.a pdb.o pbbdir.o pbbio.o pbbmm.o pbbx.o p
dconv.o pdlow.o pdmemb.o pdpath.o pdrdwr.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_pdb.a
libtool: link: ( cd ".libs" && rm -f "libsilo_pdb.la" && ln -s "../libsilo_pdb.la"
"libsilo_pdb.la" )
Making all in silo
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/silo -I../.. -I.././././s
rc -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1
-g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86
_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmp
i/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE
```



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-D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT all
oc.lo -MD -MP -MF .deps/alloc.Tpo -c ../../../../src/silo/alloc.c -o alloc.o
../../../../src/silo/alloc.c: In function 'DBIsEmptyQuadmesh':
../../../../src/silo/alloc.c:910:2: warning: #warning CHECK THIS LOGIC. IF ANY DIM>0,
IT IS NOT EMPTY [^]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#inde
x-Wcpp[^]8;;[^]
  910 | #warning CHECK THIS LOGIC. IF ANY DIM>0, IT IS NOT EMPTY
      | ^~~~~~
../../../../src/silo/alloc.c: In function 'DBIsEmptyQuadvar':
../../../../src/silo/alloc.c:1357:2: warning: #warning CHECK THIS LOGIC [^]8;;http
s://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp[^]8;;[^]
  1357 | #warning CHECK THIS LOGIC
      | ^~~~~~
In file included from ../../../../src/silo/alloc.c:55:
../../../../src/silo/alloc.c: In function 'DBAllocDefvars':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [^]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[^]8;;[^]
  267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../../../src/silo/alloc.c:124:5: note: in expansion of macro 'API_BEGIN'
  124 |     API_BEGIN("DBAllocDefvars", DBdefvars *, NULL) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [^]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[^]8;;[^]
  268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../../../src/silo/alloc.c:124:5: note: in expansion of macro 'API_BEGIN'
  124 |     API_BEGIN("DBAllocDefvars", DBdefvars *, NULL) {
      |     ^~~~~~
../../../../src/silo/alloc.c: In function 'DBAllocMultimesh':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [^]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[^]8;;[^]
  267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../../../src/silo/alloc.c:178:5: note: in expansion of macro 'API_BEGIN'
  178 |     API_BEGIN("DBAllocMultimesh", DBmultimesh *, NULL) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [^]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[^]8;;[^]
  268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../../../src/silo/alloc.c:178:5: note: in expansion of macro 'API_BEGIN'
  178 |     API_BEGIN("DBAllocMultimesh", DBmultimesh *, NULL) {
      |     ^~~~~~
../../../../src/silo/alloc.c: In function 'DBAllocMultimeshadj':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [^]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[^]8;;[^]
  267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../../../src/silo/alloc.c:235:5: note: in expansion of macro 'API_BEGIN'
  235 |     API_BEGIN("DBAllocMultimeshadj", DBmultimeshadj *, NULL) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [^]8;;https://gcc.gnu.org/onlinedocs/

```

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gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/alloc.c:235:5: note: in expansion of macro 'API_BEGIN'
235 |     API_BEGIN("DBAllocMultimeshadj", DBmultimeshadj *, NULL) {
|     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocMultivar':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/alloc.c:283:5: note: in expansion of macro 'API_BEGIN'
283 |     API_BEGIN("DBAllocMultivar", DBmultivar *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/alloc.c:283:5: note: in expansion of macro 'API_BEGIN'
283 |     API_BEGIN("DBAllocMultivar", DBmultivar *, NULL) {
|     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocMultimat':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/alloc.c:333:5: note: in expansion of macro 'API_BEGIN'
333 |     API_BEGIN("DBAllocMultimat", DBmultimat *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/alloc.c:333:5: note: in expansion of macro 'API_BEGIN'
333 |     API_BEGIN("DBAllocMultimat", DBmultimat *, NULL) {
|     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocMultimatspecies':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/alloc.c:382:5: note: in expansion of macro 'API_BEGIN'
382 |     API_BEGIN("DBAllocMultimatspecies", DBmultimatspecies *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/alloc.c:382:5: note: in expansion of macro 'API_BEGIN'
382 |     API_BEGIN("DBAllocMultimatspecies", DBmultimatspecies *, NULL) {
|     ^~~~~~

```

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.././././src/silo/alloc.c: In function 'DBAllocCsgmesh':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

.././././src/silo/alloc.c:776:5: note: in expansion of macro 'API_BEGIN'
776 |     API_BEGIN("DBAllocCsgmesh", DBcsgmesh *, NULL) {
    |     ^~~~~~

.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

.././././src/silo/alloc.c:776:5: note: in expansion of macro 'API_BEGIN'
776 |     API_BEGIN("DBAllocCsgmesh", DBcsgmesh *, NULL) {
    |     ^~~~~~

.././././src/silo/alloc.c: In function 'DBAllocQuadmesh':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

.././././src/silo/alloc.c:863:5: note: in expansion of macro 'API_BEGIN'
863 |     API_BEGIN("DBAllocQuadmesh", DBquadmesh *, NULL) {
    |     ^~~~~~

.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

.././././src/silo/alloc.c:863:5: note: in expansion of macro 'API_BEGIN'
863 |     API_BEGIN("DBAllocQuadmesh", DBquadmesh *, NULL) {
    |     ^~~~~~

.././././src/silo/alloc.c: In function 'DBAllocPointmesh':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

.././././src/silo/alloc.c:946:5: note: in expansion of macro 'API_BEGIN'
946 |     API_BEGIN("DBAllocPointmesh", DBpointmesh *, NULL) {
    |     ^~~~~~

.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

.././././src/silo/alloc.c:946:5: note: in expansion of macro 'API_BEGIN'
946 |     API_BEGIN("DBAllocPointmesh", DBpointmesh *, NULL) {
    |     ^~~~~~

.././././src/silo/alloc.c: In function 'DBAllocMeshvar':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

```

```

.././././src/silo/alloc.c:1015:5: note: in expansion of macro 'API_BEGIN'
1015 |     API_BEGIN("DBAllocMeshvar", DBmeshvar *, NULL) {
      |     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
.././././src/silo/alloc.c:1015:5: note: in expansion of macro 'API_BEGIN'
1015 |     API_BEGIN("DBAllocMeshvar", DBmeshvar *, NULL) {
      |     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocUcdmesh':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
.././././src/silo/alloc.c:1116:5: note: in expansion of macro 'API_BEGIN'
1116 |     API_BEGIN("DBAllocUcdmesh", DBucdmesh *, NULL) {
      |     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
.././././src/silo/alloc.c:1116:5: note: in expansion of macro 'API_BEGIN'
1116 |     API_BEGIN("DBAllocUcdmesh", DBucdmesh *, NULL) {
      |     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocCsgvar':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
.././././src/silo/alloc.c:1202:5: note: in expansion of macro 'API_BEGIN'
1202 |     API_BEGIN("DBAllocCsgvar", DBcsgvar *, NULL) {
      |     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
.././././src/silo/alloc.c:1202:5: note: in expansion of macro 'API_BEGIN'
1202 |     API_BEGIN("DBAllocCsgvar", DBcsgvar *, NULL) {
      |     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocQuadvar':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
.././././src/silo/alloc.c:1277:5: note: in expansion of macro 'API_BEGIN'
1277 |     API_BEGIN("DBAllocQuadvar", DBquadvar *, NULL) {
      |     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~

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declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];];
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/alloc.c:1553:5: note: in expansion of macro 'API_BEGIN'
1553 |     API_BEGIN("DBAllocCSGZonelist", DBcsgzonelist *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];];
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/alloc.c:1553:5: note: in expansion of macro 'API_BEGIN'
1553 |     API_BEGIN("DBAllocCSGZonelist", DBcsgzonelist *, NULL) {
|     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocEdgelist':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];];
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/alloc.c:1679:5: note: in expansion of macro 'API_BEGIN'
1679 |     API_BEGIN("DBAllocEdgelist", DBedgelist *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];];
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/alloc.c:1679:5: note: in expansion of macro 'API_BEGIN'
1679 |     API_BEGIN("DBAllocEdgelist", DBedgelist *, NULL) {
|     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocFacelist':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];];
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/alloc.c:1727:5: note: in expansion of macro 'API_BEGIN'
1727 |     API_BEGIN("DBAllocFacelist", DBfacelist *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];];
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/alloc.c:1727:5: note: in expansion of macro 'API_BEGIN'
1727 |     API_BEGIN("DBAllocFacelist", DBfacelist *, NULL) {
|     ^~~~~~
.././././src/silo/alloc.c: In function 'DBAllocMaterial':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];];
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/alloc.c:1787:5: note: in expansion of macro 'API_BEGIN'
1787 |     API_BEGIN("DBAllocMaterial", DBmaterial *, NULL) {

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|      ^~~~~~
./..././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
268 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
./..././src/silo/alloc.c:1787:5: note: in expansion of macro 'API_BEGIN'
1787 |     API_BEGIN("DBAllocMaterial", DBmaterial *, NULL) {
|     ^~~~~~
./..././src/silo/alloc.c: In function 'DBAllocMatspecies':
./..././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
267 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
./..././src/silo/alloc.c:1871:5: note: in expansion of macro 'API_BEGIN'
1871 |     API_BEGIN("DBAllocMatspecies", DBmatspecies *, NULL) {
|     ^~~~~~
./..././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
268 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
./..././src/silo/alloc.c:1871:5: note: in expansion of macro 'API_BEGIN'
1871 |     API_BEGIN("DBAllocMatspecies", DBmatspecies *, NULL) {
|     ^~~~~~
./..././src/silo/alloc.c: In function 'DBAllocCompoundarray':
./..././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
267 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
./..././src/silo/alloc.c:1973:5: note: in expansion of macro 'API_BEGIN'
1973 |     API_BEGIN("DBAllocCompoundarray", DBcompoundarray *, NULL) {
|     ^~~~~~
./..././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
268 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
./..././src/silo/alloc.c:1973:5: note: in expansion of macro 'API_BEGIN'
1973 |     API_BEGIN("DBAllocCompoundarray", DBcompoundarray *, NULL) {
|     ^~~~~~
./..././src/silo/alloc.c: In function 'DBAllocCurve':
./..././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
267 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
./..././src/silo/alloc.c:2034:4: note: in expansion of macro 'API_BEGIN'
2034 |     API_BEGIN ("DBAllocCurve", DBcurve *, NULL) {
|     ^~~~~~
./..././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[8]
268 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~

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../../src/silo/alloc.c:2034:4: note: in expansion of macro 'API_BEGIN'
2034 |     API_BEGIN ("DBAllocCurve", DBcurve *, NULL) {
      |     ^~~~~~
../../src/silo/alloc.c: In function 'DBAllocNamescheme':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../src/silo/alloc.c:2190:5: note: in expansion of macro 'API_BEGIN'
2190 |     API_BEGIN("DBAllocNamescheme", DBnamescheme*, NULL) {
      |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../src/silo/alloc.c:2190:5: note: in expansion of macro 'API_BEGIN'
2190 |     API_BEGIN("DBAllocNamescheme", DBnamescheme*, NULL) {
      |     ^~~~~~
../../src/silo/alloc.c: In function 'DBAllocGroupelmap':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../src/silo/alloc.c:2208:5: note: in expansion of macro 'API_BEGIN'
2208 |     API_BEGIN("DBAllocGroupelmap", DBgroupelmap*, NULL) {
      |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../src/silo/alloc.c:2208:5: note: in expansion of macro 'API_BEGIN'
2208 |     API_BEGIN("DBAllocGroupelmap", DBgroupelmap*, NULL) {
      |     ^~~~~~
[ 51%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_GpuControl.cpp.o
[ 52%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_GpuDevice.cpp.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/silo -I../.. -I../../src
src -I/usr/include/hdf5/openmpi -fopenmp -DH5Oget_info_vers=1 -DH5O_info_t_vers=1
-g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86
_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmp
i/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE
-D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT ext
face.lo -MD -MP -MF .deps/extface.Tpo -c ../../src/silo/extface.c -o extface.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/silo -I../.. -I../../src
src -I/usr/include/hdf5/openmpi -fopenmp -DH5Oget_info_vers=1 -DH5O_info_t_vers=1
-g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86
_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmp
i/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE
-D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT sil
o.lo -MD -MP -MF .deps/silo.Tpo -c ../../src/silo/silo.c -o silo.o
../../src/silo/silo.c:75:2: warning: #warning SIMPLIFY HEADER INCLUSION LOGIC
[-Wunused]
8;]

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75 | #warning SIMPLIFY HEADER INCLUSION LOGIC
    | ^~~~~~
.././././src/silo/silo.c:236:2: warning: #warning REDUCE USE OF THIS CONSTRUCT [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
236 | #warning REDUCE USE OF THIS CONSTRUCT
    | ^~~~~~
.././././src/silo/silo.c:296:2: warning: #warning FIX THIS [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
296 | #warning FIX THIS
    | ^~~~~~
.././././src/silo/silo.c: In function 'db_FreeToc':
.././././src/silo/silo.c:1140:2: warning: #warning WE SHOULD PROBABLY JUST EITHER MAKE THIS CONSISTENT OR PERHAPS COPY ALL CHARS INTO LINK@TARGET format [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
1140 | #warning WE SHOULD PROBABLY JUST EITHER MAKE THIS CONSISTENT OR PERHAPS COPY ALL CHARS INTO LINK@TARGET format
    | ^~~~~~
.././././src/silo/silo.c: In function 'DBLs':
.././././src/silo/silo.c:1747:2: warning: #warning CLEAN UP IS LOST IN ABOVE EARLY RETURNS [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
1747 | #warning CLEAN UP IS LOST IN ABOVE EARLY RETURNS
    | ^~~~~~
.././././src/silo/silo.c: At top level:
.././././src/silo/silo.c:2551:2: warning: #warning WHAT ABOUT FORCESINGLE SHOWERRORS [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
2551 | #warning WHAT ABOUT FORCESINGLE SHOWERRORS
    | ^~~~~~
.././././src/silo/silo.c: In function 'DBGrabDriver':
.././././src/silo/silo.c:2862:2: warning: #warning FIX GLOBAL LOCK [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
2862 | #warning FIX GLOBAL LOCK
    | ^~~~~~
.././././src/silo/silo.c: At top level:
.././././src/silo/silo.c:3605:2: warning: #warning ADD DBSHOWERRORSFILE [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
3605 | #warning ADD DBSHOWERRORSFILE
    | ^~~~~~
.././././src/silo/silo.c: In function 'DBShowErrors':
.././././src/silo/silo.c:3622:2: warning: #warning GET RID OF SUSPEND/RESUME STUFF [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
3622 | #warning GET RID OF SUSPEND/RESUME STUFF
    | ^~~~~~
.././././src/silo/silo.c: In function 'db_InitFileGlobals':
.././././src/silo/silo.c:4001:2: warning: #warning ADD compressionMinSize [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
4001 | #warning ADD compressionMinSize
    | ^~~~~~
.././././src/silo/silo.c:4005:2: warning: #warning CORRECT INITIALIZATION OF compressionErrmode [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
4005 | #warning CORRECT INITIALIZATION OF compressionErrmode
    | ^~~~~~
.././././src/silo/silo.c: In function 'DBCclose':
.././././src/silo/silo.c:4452:2: warning: #warning IS ORDER OF OPS CORRECT HERE [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]
4452 | #warning IS ORDER OF OPS CORRECT HERE
    | ^~~~~~
.././././src/silo/silo.c: In function 'db_validate_copy_step':
.././././src/silo/silo.c:5878:2: warning: #warning ONLY IF SRC SIZE SMALLER THAN DST SIZE [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8; [8]

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```

Wcpp]8;;]
5878 | #warning ONLY IF SRC SIZE SMALLER THAN DST SIZE
      | ^~~~~~
../../../../src/silo/silo.c: In function 'db_can_overwrite_dstobj_with_srcobj':
../../../../src/silo/silo.c:5937:9: warning: ISO C90 forbids mixed declarations and code [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdeclaration-after-statement-Wdeclaration-after-statement]8;;]
5937 |         char const *curr_compname = srcObj->comp_names[q];
      |         ^~~~~
../../../../src/silo/silo.c:5975:2: warning: #warning SHOULDNT WE USE FILE LENGTH FUNCTIONS HERE [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
5975 | #warning SHOULDNT WE USE FILE LENGTH FUNCTIONS HERE
      | ^~~~~~
../../../../src/silo/silo.c:5987:2: warning: #warning DISALLOW SIMLINKS FOR NOW [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
5987 | #warning DISALLOW SIMLINKS FOR NOW
      | ^~~~~~
../../../../src/silo/silo.c: In function 'db_copy_single_object_abspath':
../../../../src/silo/silo.c:6055:2: warning: #warning CHECK ARGS HERE. ALLOW FOR NULL dstFile AND dstObjAbsName [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6055 | #warning CHECK ARGS HERE. ALLOW FOR NULL dstFile AND dstObjAbsName
      | ^~~~~~
../../../../src/silo/silo.c:6056:2: warning: #warning WHY CHECK dstType HERE [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6056 | #warning WHY CHECK dstType HERE
      | ^~~~~~
../../../../src/silo/silo.c:6085:2: warning: #warning USE FILE-BASED FUNCTION WHEN AVAILABLE [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6085 | #warning USE FILE-BASED FUNCTION WHEN AVAILABLE
      | ^~~~~~
../../../../src/silo/silo.c: In function 'DBCp':
../../../../src/silo/silo.c:6302:2: warning: #warning WHAT ABOUT API MACROS. MAYBE NOT NEEDED SINCE NOT CALLING DOWN INTO DRIVERS [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6302 | #warning WHAT ABOUT API MACROS. MAYBE NOT NEEDED SINCE NOT CALLING DOWN INTO DRIVERS
      | ^~~~~~
../../../../src/silo/silo.c:6303:2: warning: #warning WHAT ABOUT -f (force) OPTION [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6303 | #warning WHAT ABOUT -f (force) OPTION
      | ^~~~~~
../../../../src/silo/silo.c:6324:2: warning: #warning WARN ABOUT CERTAIN OPTIONS NOT YET SUPPORTED [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6324 | #warning WARN ABOUT CERTAIN OPTIONS NOT YET SUPPORTED
      | ^~~~~~
../../../../src/silo/silo.c:6412:2: warning: #warning FIX LEAKS WITH EARLY RETURN HERE [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6412 | #warning FIX LEAKS WITH EARLY RETURN HERE
      | ^~~~~~
../../../../src/silo/silo.c: In function 'DBGetPartialObject':
../../../../src/silo/silo.c:6701:2: warning: #warning FIX THIS METHOD [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
6701 | #warning FIX THIS METHOD
      | ^~~~~~
../../../../src/silo/silo.c: At top level:
../../../../src/silo/silo.c:8225:2: warning: #warning DO WE NEED THIS METHOD [8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;]
8225 | #warning DO WE NEED THIS METHOD

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| ^~~~~~
././././src/silo/silo.c: In function 'DBPutMaterial':
././././src/silo/silo.c:9002:2: warning: #warning BETTER PLACE TO NULL THESE [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8;
9002 | #warning BETTER PLACE TO NULL THESE
| ^~~~~~
././././src/silo/silo.c: In function 'DBPutMultimat':
././././src/silo/silo.c:9403:2: warning: #warning BETTER PLACE TO NULL THESE [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8;
9403 | #warning BETTER PLACE TO NULL THESE
| ^~~~~~
././././src/silo/silo.c: In function 'DBPutZonelist2':
././././src/silo/silo.c:10396:2: warning: #warning HI AND LO OFFSET NOT VALID IN PRESENCE OF EXPLICIT GHOST LABELS [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8;
10396 | #warning HI AND LO OFFSET NOT VALID IN PRESENCE OF EXPLICIT GHOST LABELS
| ^~~~~~
././././src/silo/silo.c: In function 'DBStringArrayToStringList':
././././src/silo/silo.c:13379:2: warning: #warning TEST THIS LOGIC [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;8;
13379 | #warning TEST THIS LOGIC
| ^~~~~~
In file included from ././././src/silo/silo.c:125:
././././src/silo/silo.c: In function 'DBFilterRegistration':
././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;
267 | write (DBDebugAPI, M, strlen(M));
\
| ^~~~~~
././././src/silo/silo.c:2408:5: note: in expansion of macro 'API_BEGIN'
2408 | API_BEGIN("DBFilterRegistration", int, -1) {
| ^~~~~~
././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;
268 | write (DBDebugAPI, "\n", 1);
\
| ^~~~~~
././././src/silo/silo.c:2408:5: note: in expansion of macro 'API_BEGIN'
2408 | API_BEGIN("DBFilterRegistration", int, -1) {
| ^~~~~~
././././src/silo/silo.c: In function 'DBUninstall':
././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;
267 | write (DBDebugAPI, M, strlen(M));
\
| ^~~~~~
././././src/silo/silo.c:2474:5: note: in expansion of macro 'API_BEGIN'
2474 | API_BEGIN("DBUninstall", int, -1) {
| ^~~~~~
././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result8;8;
268 | write (DBDebugAPI, "\n", 1);
\
| ^~~~~~
././././src/silo/silo.c:2474:5: note: in expansion of macro 'API_BEGIN'
2474 | API_BEGIN("DBUninstall", int, -1) {
| ^~~~~~
././././src/silo/silo.c: In function 'db_SetGetAllowOverwritesFile':
././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/

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gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|         ^~~~~~
.././././src/silo/silo.c:2541:1: note: in expansion of macro 'DB_SETGET'
2541 | DB_SETGET(int, AllowOverwrites, allowOverwrites, DB_INTBOOL_NOT_SET)
| ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|         ^~~~~~
.././././src/silo/silo.c:2541:1: note: in expansion of macro 'DB_SETGET'
2541 | DB_SETGET(int, AllowOverwrites, allowOverwrites, DB_INTBOOL_NOT_SET)
| ^~~~~~
.././././src/silo/silo.c: In function 'db_SetGetAllowEmptyObjectsFile':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|         ^~~~~~
.././././src/silo/silo.c:2542:1: note: in expansion of macro 'DB_SETGET'
2542 | DB_SETGET(int, AllowEmptyObjects, allowEmptyObjects, DB_INTBOOL_NOT_SET)
| ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|         ^~~~~~
.././././src/silo/silo.c:2542:1: note: in expansion of macro 'DB_SETGET'
2542 | DB_SETGET(int, AllowEmptyObjects, allowEmptyObjects, DB_INTBOOL_NOT_SET)
| ^~~~~~
.././././src/silo/silo.c: In function 'db_SetGetEnableChecksumsFile':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|         ^~~~~~
.././././src/silo/silo.c:2543:1: note: in expansion of macro 'DB_SETGET'
2543 | DB_SETGET(int, EnableChecksums, enableChecksums, DB_INTBOOL_NOT_SET)
| ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);

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\
|
|                                     ^~~~~~
...././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
...././././src/silo/silo.c:2543:1: note: in expansion of macro 'DB_SETGET'
2543 | DB_SETGET(int, EnableChecksums, enableChecksums, DB_INTBOOL_NOT_SET)
|     ^~~~~~
...././././src/silo/silo.c: In function 'db_SetGetFriendlyHDF5NamesFile':
...././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0]8;;0]
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
...././././src/silo/silo.c:2544:1: note: in expansion of macro 'DB_SETGET'
2544 | DB_SETGET(int, FriendlyHDF5Names, enableFriendlyHDF5Names, DB_INTBOOL_NOT_
SET)
|     ^~~~~~
...././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0]8;;0]
268 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
...././././src/silo/silo.c:2544:1: note: in expansion of macro 'DB_SETGET'
2544 | DB_SETGET(int, FriendlyHDF5Names, enableFriendlyHDF5Names, DB_INTBOOL_NOT_
SET)
|     ^~~~~~
...././././src/silo/silo.c: In function 'db_SetGetDeprecateWarningsFile':
...././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0]8;;0]
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
...././././src/silo/silo.c:2545:1: note: in expansion of macro 'DB_SETGET'
2545 | DB_SETGET(int, DeprecateWarnings, maxDeprecateWarnings, DB_INTBOOL_NOT_SE
T)
|     ^~~~~~
...././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0]8;;0]
268 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
...././././src/silo/silo.c:2545:1: note: in expansion of macro 'DB_SETGET'
2545 | DB_SETGET(int, DeprecateWarnings, maxDeprecateWarnings, DB_INTBOOL_NOT_SE
T)
|     ^~~~~~
...././././src/silo/silo.c: In function 'db_SetGetAllowLongStrComponentsFile':
...././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'

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declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
.././././src/silo/silo.c:2547:1: note: in expansion of macro 'DB_SETGET'
2547 | DB_SETGET(int, AllowLongStrComponents, allowLongStrComponents, DB_INTBOOL_
NOT_SET)
| ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
.././././src/silo/silo.c:2547:1: note: in expansion of macro 'DB_SETGET'
2547 | DB_SETGET(int, AllowLongStrComponents, allowLongStrComponents, DB_INTBOOL_
NOT_SET)
| ^~~~~~
.././././src/silo/silo.c: In function 'db_SetGetDataReadMask2File':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
.././././src/silo/silo.c:2548:1: note: in expansion of macro 'DB_SETGET'
2548 | DB_SETGET(unsigned long long, DataReadMask2, dataReadMask, DB_MASK_NOT_SE
T)
| ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
.././././src/silo/silo.c:2548:1: note: in expansion of macro 'DB_SETGET'
2548 | DB_SETGET(unsigned long long, DataReadMask2, dataReadMask, DB_MASK_NOT_SE
T)
| ^~~~~~
.././././src/silo/silo.c: In function 'db_SetGetCompatibilityModeFile':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];[
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
.././././src/silo/silo.c:2549:1: note: in expansion of macro 'DB_SETGET'
2549 | DB_SETGET(int, CompatibilityMode, compatibilityMode, DB_INTBOOL_NOT_SET)

```

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| ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
268 |         write (DBDebugAPI, "\n", 1);
\

| ^~~~~~
../../src/silo/silo.c:2517:5: note: in expansion of macro 'API_BEGIN'
2517 |     API_BEGIN("DB(Set|Get)" #NM "File", Typ, -1) {
|     ^~~~~~
../../src/silo/silo.c:2549:1: note: in expansion of macro 'DB_SETGET'
2549 | DB_SETGET(int, CompatibilityMode, compatibilityMode, DB_INTBOOL_NOT_SET)
| ^~~~~~
../../src/silo/silo.c: In function 'db_SetGetCompressionFile':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
267 |         write (DBDebugAPI, M, strlen(M));
\

| ^~~~~~
../../src/silo/silo.c:2600:5: note: in expansion of macro 'API_BEGIN'
2600 |     API_BEGIN("DB(Set|Get)CompressionFile", char const *, 0) {
|     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
268 |         write (DBDebugAPI, "\n", 1);
\

| ^~~~~~
../../src/silo/silo.c:2600:5: note: in expansion of macro 'API_BEGIN'
2600 |     API_BEGIN("DB(Set|Get)CompressionFile", char const *, 0) {
|     ^~~~~~
../../src/silo/silo.c: In function 'DBFreeCompressionResources':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
298 |         write (DBDebugAPI, M, strlen(M));
\

| ^~~~~~
../../src/silo/silo.c:2630:5: note: in expansion of macro 'API_BEGIN2'
2630 |     API_BEGIN2("DBFreeCompressionResources", int, -1, api_dummy) {
|     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
299 |         write (DBDebugAPI, "\n", 1);
\

| ^~~~~~
../../src/silo/silo.c:2630:5: note: in expansion of macro 'API_BEGIN2'
2630 |     API_BEGIN2("DBFreeCompressionResources", int, -1, api_dummy) {
|     ^~~~~~
../../src/silo/silo.c: In function 'DBRegisterFileOptionsSet':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
267 |         write (DBDebugAPI, M, strlen(M));
\

| ^~~~~~
../../src/silo/silo.c:2772:5: note: in expansion of macro 'API_BEGIN'
2772 |     API_BEGIN("DBRegisterFileOptionsSet", int, -1) {
|     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]

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268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:2772:5: note: in expansion of macro 'API_BEGIN'
2772 |     API_BEGIN("DBRegisterFileOptionsSet", int, -1) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBUnregisterFileOptionsSet':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2791:5: note: in expansion of macro 'API_BEGIN'
2791 |     API_BEGIN("DBUnregisterFileOptionsSet", int, -1) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:2791:5: note: in expansion of macro 'API_BEGIN'
2791 |     API_BEGIN("DBUnregisterFileOptionsSet", int, -1) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBJoinPath':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:2951:5: note: in expansion of macro 'API_BEGIN'
2951 |     API_BEGIN("DBJoinPath", char *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:2951:5: note: in expansion of macro 'API_BEGIN'
2951 |     API_BEGIN("DBJoinPath", char *, NULL) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBMakeObject':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:3032:5: note: in expansion of macro 'API_BEGIN'
3032 |     API_BEGIN("DBMakeObject", DBOBJECT *, NULL) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:3032:5: note: in expansion of macro 'API_BEGIN'
3032 |     API_BEGIN("DBMakeObject", DBOBJECT *, NULL) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBFreeObject':

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../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../src/silo/silo.c:3095:5: note: in expansion of macro 'API_BEGIN'
3095 |     API_BEGIN("DBFreeObject", int, -1) {
    |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../src/silo/silo.c:3095:5: note: in expansion of macro 'API_BEGIN'
3095 |     API_BEGIN("DBFreeObject", int, -1) {
    |     ^~~~~~
../../src/silo/silo.c: In function 'DBCclearObject':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../src/silo/silo.c:3149:5: note: in expansion of macro 'API_BEGIN'
3149 |     API_BEGIN("DBCclearObject", int, -1) {
    |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../src/silo/silo.c:3149:5: note: in expansion of macro 'API_BEGIN'
3149 |     API_BEGIN("DBCclearObject", int, -1) {
    |     ^~~~~~
../../src/silo/silo.c: In function 'DBAddVarComponent':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../src/silo/silo.c:3202:5: note: in expansion of macro 'API_BEGIN'
3202 |     API_BEGIN("DBAddVarComponent", int, -1) {
    |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../src/silo/silo.c:3202:5: note: in expansion of macro 'API_BEGIN'
3202 |     API_BEGIN("DBAddVarComponent", int, -1) {
    |     ^~~~~~
../../src/silo/silo.c: In function 'DBAddIntNComponent':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../src/silo/silo.c:3272:5: note: in expansion of macro 'API_BEGIN'

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3272 |     API_BEGIN("DBAddIntComponent", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      |     write (DBDebugAPI, "\n", 1);
\
      |
      |     ^~~~~~
../../../../src/silo/silo.c:3272:5: note: in expansion of macro 'API_BEGIN'
3272 |     API_BEGIN("DBAddIntComponent", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBAddFltNComponent':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      |     write (DBDebugAPI, M, strlen(M));
\
      |
      |     ^~~~~~
../../../../src/silo/silo.c:3356:5: note: in expansion of macro 'API_BEGIN'
3356 |     API_BEGIN("DBAddFltComponent", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      |     write (DBDebugAPI, "\n", 1);
\
      |
      |     ^~~~~~
../../../../src/silo/silo.c:3356:5: note: in expansion of macro 'API_BEGIN'
3356 |     API_BEGIN("DBAddFltComponent", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBAddDbfNComponent':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      |     write (DBDebugAPI, M, strlen(M));
\
      |
      |     ^~~~~~
../../../../src/silo/silo.c:3425:5: note: in expansion of macro 'API_BEGIN'
3425 |     API_BEGIN("DBAddDbfComponent", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      |     write (DBDebugAPI, "\n", 1);
\
      |
      |     ^~~~~~
../../../../src/silo/silo.c:3425:5: note: in expansion of macro 'API_BEGIN'
3425 |     API_BEGIN("DBAddDbfComponent", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBAddStrComponent':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      |     write (DBDebugAPI, M, strlen(M));
\
      |
      |     ^~~~~~
../../../../src/silo/silo.c:3499:5: note: in expansion of macro 'API_BEGIN'
3499 |     API_BEGIN("DBAddStrComponent", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      |     write (DBDebugAPI, "\n", 1);
\

```

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|
|                                     ^~~~~~
...././././src/silo/silo.c:3499:5: note: in expansion of macro 'API_BEGIN'
3499 |     API_BEGIN("DBAddStrComponent", int, -1) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBOpenReal':
...././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:4109:5: note: in expansion of macro 'API_BEGIN'
4109 |     API_BEGIN("DBOpen", DBfile *, NULL) {
|     ^~~~~~
...././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:4109:5: note: in expansion of macro 'API_BEGIN'
4109 |     API_BEGIN("DBOpen", DBfile *, NULL) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBCreateReal':
...././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:4311:5: note: in expansion of macro 'API_BEGIN'
4311 |     API_BEGIN("DBCreate", DBfile *, NULL) {
|     ^~~~~~
...././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:4311:5: note: in expansion of macro 'API_BEGIN'
4311 |     API_BEGIN("DBCreate", DBfile *, NULL) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBCclose':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:4446:5: note: in expansion of macro 'API_BEGIN2'
4446 |     API_BEGIN2("DBCclose", int, -1, api_dummy) {
|     ^~~~~~
...././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:4446:5: note: in expansion of macro 'API_BEGIN2'
4446 |     API_BEGIN2("DBCclose", int, -1, api_dummy) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBFlush':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/

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gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:4490:5: note: in expansion of macro 'API_BEGIN2'
4490 |     API_BEGIN2("DBFlush", int, -1, api_dummy) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:4490:5: note: in expansion of macro 'API_BEGIN2'
4490 |     API_BEGIN2("DBFlush", int, -1, api_dummy) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBInqFileReal':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:4622:5: note: in expansion of macro 'API_BEGIN'
4622 |     API_BEGIN("DBInqFile", int, -1) {
|     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
268 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:4622:5: note: in expansion of macro 'API_BEGIN'
4622 |     API_BEGIN("DBInqFile", int, -1) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBInqVarExists':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:4684:5: note: in expansion of macro 'API_BEGIN2'
4684 |     API_BEGIN2("DBInqVarExists", int, 0, varname) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:4684:5: note: in expansion of macro 'API_BEGIN2'
4684 |     API_BEGIN2("DBInqVarExists", int, 0, varname) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBForceSingle':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:4744:5: note: in expansion of macro 'API_BEGIN'
4744 |     API_BEGIN("DBForceSingle", int, -1) {
|     ^~~~~~

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../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
^~~~~~
../../src/silo/silo.c:4744:5: note: in expansion of macro 'API_BEGIN'
4744 |     API_BEGIN("DBForceSingle", int, -1) {
    |     ^~~~~~
../../src/silo/silo.c: In function 'DBMakeOptlist':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
^~~~~~
../../src/silo/silo.c:4781:5: note: in expansion of macro 'API_BEGIN'
4781 |     API_BEGIN("DBMakeOptlist", DBOptlist *, NULL) {
    |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
^~~~~~
../../src/silo/silo.c:4781:5: note: in expansion of macro 'API_BEGIN'
4781 |     API_BEGIN("DBMakeOptlist", DBOptlist *, NULL) {
    |     ^~~~~~
../../src/silo/silo.c: In function 'DBFreeOptlist':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
^~~~~~
../../src/silo/silo.c:4830:5: note: in expansion of macro 'API_BEGIN'
4830 |     API_BEGIN("DBFreeOptlist", int, -1) {
    |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
^~~~~~
../../src/silo/silo.c:4830:5: note: in expansion of macro 'API_BEGIN'
4830 |     API_BEGIN("DBFreeOptlist", int, -1) {
    |     ^~~~~~
../../src/silo/silo.c: In function 'DBCclearOptlist':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
^~~~~~
../../src/silo/silo.c:4870:5: note: in expansion of macro 'API_BEGIN'
4870 |     API_BEGIN("DBCclearOptlist", int, -1) {
    |     ^~~~~~
../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
^~~~~~
../../src/silo/silo.c:4870:5: note: in expansion of macro 'API_BEGIN'

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4870 |     API_BEGIN("DBCclearOptlist", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBAddOption':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];]
267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../../../src/silo/silo.c:4913:5: note: in expansion of macro 'API_BEGIN'
4913 |     API_BEGIN("DBAddOption", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../../../src/silo/silo.c:4913:5: note: in expansion of macro 'API_BEGIN'
4913 |     API_BEGIN("DBAddOption", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBCclearOption':
../../../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];]
267 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../../../src/silo/silo.c:4965:5: note: in expansion of macro 'API_BEGIN'
4965 |     API_BEGIN("DBCclearOption", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];]
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../../../src/silo/silo.c:4965:5: note: in expansion of macro 'API_BEGIN'
4965 |     API_BEGIN("DBCclearOption", int, -1) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBGetToc':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];]
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../../../src/silo/silo.c:5053:5: note: in expansion of macro 'API_BEGIN2'
5053 |     API_BEGIN2("DBGetToc", DBtoc *, NULL, api_dummy) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];]
299 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../../../src/silo/silo.c:5053:5: note: in expansion of macro 'API_BEGIN2'
5053 |     API_BEGIN2("DBGetToc", DBtoc *, NULL, api_dummy) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBInqVarType':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];]
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~

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\
|
|                                     ^~~~~~
...././././src/silo/silo.c:5089:5: note: in expansion of macro 'API_BEGIN2'
5089 |     API_BEGIN2("DBInqVarType", DBObjectType, DB_INVALID_OBJECT, api_dummy)
|
|                                     ^~~~~~
..../././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;;0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
..../././src/silo/silo.c:5089:5: note: in expansion of macro 'API_BEGIN2'
5089 |     API_BEGIN2("DBInqVarType", DBObjectType, DB_INVALID_OBJECT, api_dummy)
|
|                                     ^~~~~~
..../././src/silo/silo.c: In function 'DBNewToc':
..../././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;;0]
267 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
..../././src/silo/silo.c:5132:5: note: in expansion of macro 'API_BEGIN'
5132 |     API_BEGIN("DBNewToc", int, -1) {
|
|                                     ^~~~~~
..../././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;;0]
268 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
..../././src/silo/silo.c:5132:5: note: in expansion of macro 'API_BEGIN'
5132 |     API_BEGIN("DBNewToc", int, -1) {
|
|                                     ^~~~~~
..../././src/silo/silo.c: In function 'DBGetComponent':
..../././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;;0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
..../././src/silo/silo.c:5297:5: note: in expansion of macro 'API_BEGIN2'
5297 |     API_BEGIN2("DBGetComponent", void *, NULL, api_dummy) {
|
|                                     ^~~~~~
..../././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;;0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
..../././src/silo/silo.c:5297:5: note: in expansion of macro 'API_BEGIN2'
5297 |     API_BEGIN2("DBGetComponent", void *, NULL, api_dummy) {
|
|                                     ^~~~~~
..../././src/silo/silo.c: In function 'DBGetComponentType':
..../././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;;0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
..../././src/silo/silo.c:5348:5: note: in expansion of macro 'API_BEGIN2'
5348 |     API_BEGIN2("DBGetComponentType", int, DB_NOTYPE, api_dummy) {
|
|                                     ^~~~~~

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../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
../../src/silo/silo.c:5348:5: note: in expansion of macro 'API_BEGIN2'
5348 |     API_BEGIN2("DBGetComponentType", int, DB_NOTYPE, api_dummy) {
|     ^~~~~~
../../src/silo/silo.c: In function 'DBGetDir':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
../../src/silo/silo.c:5388:5: note: in expansion of macro 'API_BEGIN2'
5388 |     API_BEGIN2("DBGetDir", int, -1, api_dummy) {
|     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
../../src/silo/silo.c:5388:5: note: in expansion of macro 'API_BEGIN2'
5388 |     API_BEGIN2("DBGetDir", int, -1, api_dummy) {
|     ^~~~~~
../../src/silo/silo.c: In function 'DBSetDir':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
../../src/silo/silo.c:5438:5: note: in expansion of macro 'API_BEGIN2'
5438 |     API_BEGIN2("DBSetDir", int, -1, api_dummy) {
|     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
../../src/silo/silo.c:5438:5: note: in expansion of macro 'API_BEGIN2'
5438 |     API_BEGIN2("DBSetDir", int, -1, api_dummy) {
|     ^~~~~~
../../src/silo/silo.c: In function 'DBFilters':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
../../src/silo/silo.c:5488:5: note: in expansion of macro 'API_BEGIN2'
5488 |     API_BEGIN2("DBFilters", int, -1, api_dummy) {
|     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
../../src/silo/silo.c:5488:5: note: in expansion of macro 'API_BEGIN2'

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5488 |     API_BEGIN2("DBFilters", int, -1, api_dummy) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBMkDir':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result [8];]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../../../src/silo/silo.c:5540:5: note: in expansion of macro 'API_BEGIN2'
5540 |     API_BEGIN2("DBMkDir", int, -1, api_dummy) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result [8];]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../../../src/silo/silo.c:5540:5: note: in expansion of macro 'API_BEGIN2'
5540 |     API_BEGIN2("DBMkDir", int, -1, api_dummy) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBMkDirP':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result [8];]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../../../src/silo/silo.c:5567:5: note: in expansion of macro 'API_BEGIN2'
5567 |     API_BEGIN2("DBMkDirP", int, -1, api_dummy) {
      |     ^~~~~~
../../../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result [8];]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../../../src/silo/silo.c:5567:5: note: in expansion of macro 'API_BEGIN2'
5567 |     API_BEGIN2("DBMkDirP", int, -1, api_dummy) {
      |     ^~~~~~
../../../../src/silo/silo.c: In function 'DBCpDir':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result [8];]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../../../src/silo/silo_private.h:282:4: note: in expansion of macro 'API_BEGIN2'
282 |     API_BEGIN2(M, T, R, NM)
      |     ^~~~~~
../../../../src/silo/silo.c:5631:5: note: in expansion of macro 'API_DEPRECATED2'
5631 |     API_DEPRECATED2("DBCpDir", int, -1, api_dummy, 4, 11, "DBCp") {
      |     ^~~~~~
../../../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result [8];]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../../../src/silo/silo_private.h:282:4: note: in expansion of macro 'API_BEGIN2'
282 |     API_BEGIN2(M, T, R, NM)
      |     ^~~~~~
../../../../src/silo/silo.c:5631:5: note: in expansion of macro 'API_DEPRECATED2'
5631 |     API_DEPRECATED2("DBCpDir", int, -1, api_dummy, 4, 11, "DBCp") {

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|      ^~~~~~
../../../../src/silo/silo.c: In function 'DBMkSymlink':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];[https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];[2]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
../../../../src/silo/silo.c:5679:5: note: in expansion of macro 'API_BEGIN2'
5679 |     API_BEGIN2("DBMkSymlink", int, -1, api_dummy) {
|     ^~~~~~
../../../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];[https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];[2]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
../../../../src/silo/silo.c:5679:5: note: in expansion of macro 'API_BEGIN2'
5679 |     API_BEGIN2("DBMkSymlink", int, -1, api_dummy) {
|     ^~~~~~
../../../../src/silo/silo.c: In function 'DBGetSymlink':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];[https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];[2]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
../../../../src/silo/silo.c:5731:5: note: in expansion of macro 'API_BEGIN2'
5731 |     API_BEGIN2("DBGetSymlink", int, -1, api_dummy) {
|     ^~~~~~
../../../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];[https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];[2]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
../../../../src/silo/silo.c:5731:5: note: in expansion of macro 'API_BEGIN2'
5731 |     API_BEGIN2("DBGetSymlink", int, -1, api_dummy) {
|     ^~~~~~
../../../../src/silo/silo.c: In function 'DBCpListedObjects':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];[https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];[2]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
../../../../src/silo/silo.c:6550:5: note: in expansion of macro 'API_BEGIN2'
6550 |     API_BEGIN2("DBCpListedObjects", int, -1, api_dummy) {
|     ^~~~~~
../../../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];[https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];[2]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
../../../../src/silo/silo.c:6550:5: note: in expansion of macro 'API_BEGIN2'
6550 |     API_BEGIN2("DBCpListedObjects", int, -1, api_dummy) {
|     ^~~~~~
../../../../src/silo/silo.c: In function 'DBChangeObject':
../../../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];[https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result];[2]
298 |         write (DBDebugAPI, M, strlen(M));
\

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.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
^~~~~~
.././././src/silo/silo.c:7092:5: note: in expansion of macro 'API_BEGIN2'
7092 |     API_BEGIN2("DBGetCurve", DBcurve *, NULL, name)
    |     ^~~~~~
^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
^~~~~~
.././././src/silo/silo.c:7092:5: note: in expansion of macro 'API_BEGIN2'
7092 |     API_BEGIN2("DBGetCurve", DBcurve *, NULL, name)
    |     ^~~~~~
^~~~~~
.././././src/silo/silo.c: In function 'DBGetDefvars':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
^~~~~~
.././././src/silo/silo.c:7127:5: note: in expansion of macro 'API_BEGIN2'
7127 |     API_BEGIN2("DBGetDefvars", DBdefvars *, NULL, name)
    |     ^~~~~~
^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
^~~~~~
.././././src/silo/silo.c:7127:5: note: in expansion of macro 'API_BEGIN2'
7127 |     API_BEGIN2("DBGetDefvars", DBdefvars *, NULL, name)
    |     ^~~~~~
^~~~~~
.././././src/silo/silo.c: In function 'DBGetMaterial':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
^~~~~~
.././././src/silo/silo.c:7169:5: note: in expansion of macro 'API_BEGIN2'
7169 |     API_BEGIN2("DBGetMaterial", DBmaterial *, NULL, name) {
    |     ^~~~~~
^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
^~~~~~
.././././src/silo/silo.c:7169:5: note: in expansion of macro 'API_BEGIN2'
7169 |     API_BEGIN2("DBGetMaterial", DBmaterial *, NULL, name) {
    |     ^~~~~~
^~~~~~
.././././src/silo/silo.c: In function 'DBGetMatspecies':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
^~~~~~
.././././src/silo/silo.c:7225:5: note: in expansion of macro 'API_BEGIN2'

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7225 |     API_BEGIN2("DBGetMatspecies", DBmatspecies *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;]
299 |         write (DBDebugAPI, "\n", 1);
    \
      |
      |     ^~~~~~
.././././src/silo/silo.c:7225:5: note: in expansion of macro 'API_BEGIN2'
7225 |     API_BEGIN2("DBGetMatspecies", DBmatspecies *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetMultimesh':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;]
298 |         write (DBDebugAPI, M, strlen(M));
    \
      |
      |     ^~~~~~
.././././src/silo/silo.c:7270:5: note: in expansion of macro 'API_BEGIN2'
7270 |     API_BEGIN2("DBGetMultimesh", DBmultimesh *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;]
299 |         write (DBDebugAPI, "\n", 1);
    \
      |
      |     ^~~~~~
.././././src/silo/silo.c:7270:5: note: in expansion of macro 'API_BEGIN2'
7270 |     API_BEGIN2("DBGetMultimesh", DBmultimesh *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetMultimeshadj':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;]
298 |         write (DBDebugAPI, M, strlen(M));
    \
      |
      |     ^~~~~~
.././././src/silo/silo.c:7307:5: note: in expansion of macro 'API_BEGIN2'
7307 |     API_BEGIN2("DBGetMultimeshadj", DBmultimeshadj *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;]
299 |         write (DBDebugAPI, "\n", 1);
    \
      |
      |     ^~~~~~
.././././src/silo/silo.c:7307:5: note: in expansion of macro 'API_BEGIN2'
7307 |     API_BEGIN2("DBGetMultimeshadj", DBmultimeshadj *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetMultivar':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;]
298 |         write (DBDebugAPI, M, strlen(M));
    \
      |
      |     ^~~~~~
.././././src/silo/silo.c:7354:5: note: in expansion of macro 'API_BEGIN2'
7354 |     API_BEGIN2("DBGetMultivar", DBmultivar *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;]
299 |         write (DBDebugAPI, "\n", 1);
    \

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..../src/silo/silo.c:7354:5: note: in expansion of macro 'API_BEGIN2'
7354 |     API_BEGIN2("DBGetMultivar", DBmultivar *, NULL, name) {
      |     ^~~~~~
..../src/silo/silo.c: In function 'DBGetMultimat':
..../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
..../src/silo/silo.c:7396:5: note: in expansion of macro 'API_BEGIN2'
7396 |     API_BEGIN2("DBGetMultimat", DBmultimat *, NULL, name) {
      |     ^~~~~~
..../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
..../src/silo/silo.c:7396:5: note: in expansion of macro 'API_BEGIN2'
7396 |     API_BEGIN2("DBGetMultimat", DBmultimat *, NULL, name) {
      |     ^~~~~~
..../src/silo/silo.c: In function 'DBGetMultimatspecies':
..../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
..../src/silo/silo.c:7438:5: note: in expansion of macro 'API_BEGIN2'
7438 |     API_BEGIN2("DBGetMultimatspecies", DBmultimatspecies *, NULL, name) {
      |     ^~~~~~
..../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
..../src/silo/silo.c:7438:5: note: in expansion of macro 'API_BEGIN2'
7438 |     API_BEGIN2("DBGetMultimatspecies", DBmultimatspecies *, NULL, name) {
      |     ^~~~~~
..../src/silo/silo.c: In function 'DBGetPointmesh':
..../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
..../src/silo/silo.c:7482:5: note: in expansion of macro 'API_BEGIN2'
7482 |     API_BEGIN2("DBGetPointmesh", DBpointmesh *, NULL, name) {
      |     ^~~~~~
..../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
..../src/silo/silo.c:7482:5: note: in expansion of macro 'API_BEGIN2'
7482 |     API_BEGIN2("DBGetPointmesh", DBpointmesh *, NULL, name) {
      |     ^~~~~~
..../src/silo/silo.c: In function 'DBGetPointvar':
..../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
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gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:7526:5: note: in expansion of macro 'API_BEGIN2'
7526 |     API_BEGIN2("DBGetPointvar", DBmeshvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:7526:5: note: in expansion of macro 'API_BEGIN2'
7526 |     API_BEGIN2("DBGetPointvar", DBmeshvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetQuadmesh':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:7575:5: note: in expansion of macro 'API_BEGIN2'
7575 |     API_BEGIN2("DBGetQuadmesh", DBquadmesh *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:7575:5: note: in expansion of macro 'API_BEGIN2'
7575 |     API_BEGIN2("DBGetQuadmesh", DBquadmesh *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetQuadvar':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:7656:5: note: in expansion of macro 'API_BEGIN2'
7656 |     API_BEGIN2("DBGetQuadvar", DBquadvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:7656:5: note: in expansion of macro 'API_BEGIN2'
7656 |     API_BEGIN2("DBGetQuadvar", DBquadvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetUcdmesh':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:7792:5: note: in expansion of macro 'API_BEGIN2'
7792 |     API_BEGIN2("DBGetUcdmesh", DBucdmesh *, NULL, name) {
|     ^~~~~~

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.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:7792:5: note: in expansion of macro 'API_BEGIN2'
7792 |     API_BEGIN2("DBGetUcdmesh", DBucdmesh *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetUcdvar':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:7871:5: note: in expansion of macro 'API_BEGIN2'
7871 |     API_BEGIN2("DBGetUcdvar", DBucdvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:7871:5: note: in expansion of macro 'API_BEGIN2'
7871 |     API_BEGIN2("DBGetUcdvar", DBucdvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetFacelist':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:7914:5: note: in expansion of macro 'API_BEGIN2'
7914 |     API_BEGIN2("DBGetFacelist", DBfacelist *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:7914:5: note: in expansion of macro 'API_BEGIN2'
7914 |     API_BEGIN2("DBGetFacelist", DBfacelist *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetZonelist':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:7957:5: note: in expansion of macro 'API_BEGIN2'
7957 |     API_BEGIN2("DBGetZonelist", DBzonelist *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:7957:5: note: in expansion of macro 'API_BEGIN2'

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7957 |     API_BEGIN2("DBGetZonelist", DBzonelist *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetPHZonelist':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;[]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
.././././src/silo/silo.c:7991:5: note: in expansion of macro 'API_BEGIN2'
7991 |     API_BEGIN2("DBGetPHZonelist", DBphzonelist *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;[]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
.././././src/silo/silo.c:7991:5: note: in expansion of macro 'API_BEGIN2'
7991 |     API_BEGIN2("DBGetPHZonelist", DBphzonelist *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetVar':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;[]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
.././././src/silo/silo.c:8032:5: note: in expansion of macro 'API_BEGIN2'
8032 |     API_BEGIN2("DBGetVar", void *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;[]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
.././././src/silo/silo.c:8032:5: note: in expansion of macro 'API_BEGIN2'
8032 |     API_BEGIN2("DBGetVar", void *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBReadVar':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;[]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
.././././src/silo/silo.c:8076:5: note: in expansion of macro 'API_BEGIN2'
8076 |     API_BEGIN2("DBReadVar", int, -1, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;[]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
.././././src/silo/silo.c:8076:5: note: in expansion of macro 'API_BEGIN2'
8076 |     API_BEGIN2("DBReadVar", int, -1, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBReadVarSlice':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;[]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

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gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:8313:5: note: in expansion of macro 'API_BEGIN2'
8313 |     API_BEGIN2("DBGetVarByteLengthInFile", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetVarLength':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:8353:5: note: in expansion of macro 'API_BEGIN2'
8353 |     API_BEGIN2("DBGetVarLength", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:8353:5: note: in expansion of macro 'API_BEGIN2'
8353 |     API_BEGIN2("DBGetVarLength", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetVarDims':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:8395:5: note: in expansion of macro 'API_BEGIN2'
8395 |     API_BEGIN2("DBGetVarDims", int, -1, name)
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:8395:5: note: in expansion of macro 'API_BEGIN2'
8395 |     API_BEGIN2("DBGetVarDims", int, -1, name)
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetVarType':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:8441:5: note: in expansion of macro 'API_BEGIN2'
8441 |     API_BEGIN2("DBGetVarType", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result]8;;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:8441:5: note: in expansion of macro 'API_BEGIN2'
8441 |     API_BEGIN2("DBGetVarType", int, -1, name) {
|     ^~~~~~

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.././././src/silo/silo.c: In function 'DBInqMeshname':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

.././././src/silo/silo.c:8485:5: note: in expansion of macro 'API_BEGIN2'
8485 |     API_BEGIN2("DBInqMeshname", int, -1, vname) {
    |     ^~~~~~

.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

.././././src/silo/silo.c:8485:5: note: in expansion of macro 'API_BEGIN2'
8485 |     API_BEGIN2("DBInqMeshname", int, -1, vname) {
    |     ^~~~~~

.././././src/silo/silo.c: In function 'DBInqMeshtype':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

.././././src/silo/silo.c:8527:5: note: in expansion of macro 'API_BEGIN2'
8527 |     API_BEGIN2("DBInqMeshtype", int, -1, name) {
    |     ^~~~~~

.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

.././././src/silo/silo.c:8527:5: note: in expansion of macro 'API_BEGIN2'
8527 |     API_BEGIN2("DBInqMeshtype", int, -1, name) {
    |     ^~~~~~

.././././src/silo/silo.c: In function 'DBPutCompoundarray':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

.././././src/silo/silo.c:8583:5: note: in expansion of macro 'API_BEGIN2'
8583 |     API_BEGIN2("DBPutCompoundarray", int, -1, name) {
    |     ^~~~~~

.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

.././././src/silo/silo.c:8583:5: note: in expansion of macro 'API_BEGIN2'
8583 |     API_BEGIN2("DBPutCompoundarray", int, -1, name) {
    |     ^~~~~~

.././././src/silo/silo.c: In function 'DBPutCurve':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

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../../src/silo/silo.c:8668:5: note: in expansion of macro 'API_BEGIN2'
8668 |     API_BEGIN2("DBPutCurve", int, -1, name)
      |     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../src/silo/silo.c:8668:5: note: in expansion of macro 'API_BEGIN2'
8668 |     API_BEGIN2("DBPutCurve", int, -1, name)
      |     ^~~~~~
../../src/silo/silo.c: In function 'DBPutDefvars':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../src/silo/silo.c:8753:5: note: in expansion of macro 'API_BEGIN2'
8753 |     API_BEGIN2("DBPutDefvars", int, -1, name)
      |     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../src/silo/silo.c:8753:5: note: in expansion of macro 'API_BEGIN2'
8753 |     API_BEGIN2("DBPutDefvars", int, -1, name)
      |     ^~~~~~
../../src/silo/silo.c: In function 'DBPutFacelist':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../src/silo/silo.c:8830:5: note: in expansion of macro 'API_BEGIN2'
8830 |     API_BEGIN2("DBPutFacelist", int, -1, name) {
      |     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
../../src/silo/silo.c:8830:5: note: in expansion of macro 'API_BEGIN2'
8830 |     API_BEGIN2("DBPutFacelist", int, -1, name) {
      |     ^~~~~~
../../src/silo/silo.c: In function 'DBPutMaterial':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
../../src/silo/silo.c:8945:5: note: in expansion of macro 'API_BEGIN2'
8945 |     API_BEGIN2("DBPutMaterial", int, -1, name) {
      |     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

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\
|
|                                     ^~~~~~
...././././src/silo/silo.c:8945:5: note: in expansion of macro 'API_BEGIN2'
8945 |     API_BEGIN2("DBPutMaterial", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBPutMatspecies':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:9062:5: note: in expansion of macro 'API_BEGIN2'
9062 |     API_BEGIN2("DBPutMatspecies", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:9062:5: note: in expansion of macro 'API_BEGIN2'
9062 |     API_BEGIN2("DBPutMatspecies", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBPutMultimesh':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:9166:5: note: in expansion of macro 'API_BEGIN2'
9166 |     API_BEGIN2("DBPutMultimesh", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:9166:5: note: in expansion of macro 'API_BEGIN2'
9166 |     API_BEGIN2("DBPutMultimesh", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBPutMultimeshadj':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:9232:5: note: in expansion of macro 'API_BEGIN2'
9232 |     API_BEGIN2("DBPutMultimeshadj", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:9232:5: note: in expansion of macro 'API_BEGIN2'
9232 |     API_BEGIN2("DBPutMultimeshadj", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBPutMultivar':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'

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declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0];[0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:9301:5: note: in expansion of macro 'API_BEGIN2'
9301 |     API_BEGIN2("DBPutMultivar", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0];[0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:9301:5: note: in expansion of macro 'API_BEGIN2'
9301 |     API_BEGIN2("DBPutMultivar", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBPutMultimat':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0];[0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:9372:5: note: in expansion of macro 'API_BEGIN2'
9372 |     API_BEGIN2("DBPutMultimat", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0];[0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:9372:5: note: in expansion of macro 'API_BEGIN2'
9372 |     API_BEGIN2("DBPutMultimat", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBPutMultimatspecies':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0];[0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:9448:5: note: in expansion of macro 'API_BEGIN2'
9448 |     API_BEGIN2("DBPutMultimatspecies", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0];[0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:9448:5: note: in expansion of macro 'API_BEGIN2'
9448 |     API_BEGIN2("DBPutMultimatspecies", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBPutPointmesh':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0];[0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:9521:5: note: in expansion of macro 'API_BEGIN2'
9521 |     API_BEGIN2("DBPutPointmesh", int, -1, name) {

```



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|      ^~~~~~
././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
././././src/silo/silo.c:9521:5: note: in expansion of macro 'API_BEGIN2'
9521 |     API_BEGIN2("DBPutPointmesh", int, -1, name) {
|     ^~~~~~
././././src/silo/silo.c: In function 'DBPutPointvar':
././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
././././src/silo/silo.c:9593:5: note: in expansion of macro 'API_BEGIN2'
9593 |     API_BEGIN2("DBPutPointvar", int, -1, vname) {
|     ^~~~~~
././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
././././src/silo/silo.c:9593:5: note: in expansion of macro 'API_BEGIN2'
9593 |     API_BEGIN2("DBPutPointvar", int, -1, vname) {
|     ^~~~~~
././././src/silo/silo.c: In function 'DBPutPointvar1':
././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
././././src/silo/silo.c:9662:5: note: in expansion of macro 'API_BEGIN2'
9662 |     API_BEGIN2("DBPutPointvar1", int, -1, vname)
|     ^~~~~~
././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
././././src/silo/silo.c:9662:5: note: in expansion of macro 'API_BEGIN2'
9662 |     API_BEGIN2("DBPutPointvar1", int, -1, vname)
|     ^~~~~~
././././src/silo/silo.c: In function 'DBPutQuadmesh':
././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
././././src/silo/silo.c:9712:5: note: in expansion of macro 'API_BEGIN2'
9712 |     API_BEGIN2("DBPutQuadmesh", int, -1, name) {
|     ^~~~~~
././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~

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../../src/silo/silo.c:9712:5: note: in expansion of macro 'API_BEGIN2'
9712 |     API_BEGIN2("DBPutQuadmesh", int, -1, name) {
      |     ^~~~~~
../../src/silo/silo.c: In function 'DBPutQuadvar':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../src/silo/silo.c:9803:5: note: in expansion of macro 'API_BEGIN2'
9803 |     API_BEGIN2("DBPutQuadvar", int, -1, vname) {
      |     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../src/silo/silo.c:9803:5: note: in expansion of macro 'API_BEGIN2'
9803 |     API_BEGIN2("DBPutQuadvar", int, -1, vname) {
      |     ^~~~~~
../../src/silo/silo.c: In function 'DBPutQuadvar1':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../src/silo/silo.c:9908:5: note: in expansion of macro 'API_BEGIN2'
9908 |     API_BEGIN2("DBPutQuadvar1", int, -1, vname) {
      |     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../src/silo/silo.c:9908:5: note: in expansion of macro 'API_BEGIN2'
9908 |     API_BEGIN2("DBPutQuadvar1", int, -1, vname) {
      |     ^~~~~~
../../src/silo/silo.c: In function 'DBPutUcdmesh':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
../../src/silo/silo.c:9963:5: note: in expansion of macro 'API_BEGIN2'
9963 |     API_BEGIN2("DBPutUcdmesh", int, -1, name) {
      |     ^~~~~~
../../src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;
299 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
../../src/silo/silo.c:9963:5: note: in expansion of macro 'API_BEGIN2'
9963 |     API_BEGIN2("DBPutUcdmesh", int, -1, name) {
      |     ^~~~~~
../../src/silo/silo.c: In function 'DBPutUcdsubmesh':
../../src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
gcc/Warning-Options.html#index-Wunused-result-Wunused-result;

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298 |         write (DBDebugAPI, M, strlen(M));
\
|
|           ^~~~~~
...././././src/silo/silo_private.h:282:4: note: in expansion of macro 'API_BEGIN2'
282 |     API_BEGIN2(M,T,R,NM)
|     ^~~~~~
..../././src/silo/silo.c:10060:5: note: in expansion of macro 'API_DEPRECATED'
10060 |     API_DEPRECATED("DBPutUcdsubmesh", int, -1, name, 4, 6, "MRG Trees") {
|     ^~~~~~
..../././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|           ^~~~~~
..../././src/silo/silo_private.h:282:4: note: in expansion of macro 'API_BEGIN2'
282 |     API_BEGIN2(M,T,R,NM)
|     ^~~~~~
..../././src/silo/silo.c:10060:5: note: in expansion of macro 'API_DEPRECATED'
10060 |     API_DEPRECATED("DBPutUcdsubmesh", int, -1, name, 4, 6, "MRG Trees") {
|     ^~~~~~
..../././src/silo/silo.c: In function 'DBPutUcdvar':
..../././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|           ^~~~~~
..../././src/silo/silo.c:10135:5: note: in expansion of macro 'API_BEGIN2'
10135 |     API_BEGIN2("DBPutUcdvar", int, -1, vname) {
|     ^~~~~~
..../././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|           ^~~~~~
..../././src/silo/silo.c:10135:5: note: in expansion of macro 'API_BEGIN2'
10135 |     API_BEGIN2("DBPutUcdvar", int, -1, vname) {
|     ^~~~~~
..../././src/silo/silo.c: In function 'DBPutUcdvar1':
..../././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|           ^~~~~~
..../././src/silo/silo.c:10227:5: note: in expansion of macro 'API_BEGIN2'
10227 |     API_BEGIN2("DBPutUcdvar1", int, -1, vname)
|     ^~~~~~
..../././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
299 |         write (DBDebugAPI, "\n", 1);
\
|
|           ^~~~~~
..../././src/silo/silo.c:10227:5: note: in expansion of macro 'API_BEGIN2'
10227 |     API_BEGIN2("DBPutUcdvar1", int, -1, vname)
|     ^~~~~~
..../././src/silo/silo.c: In function 'DBPutZonelist':
..../././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result8;
298 |         write (DBDebugAPI, M, strlen(M));

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298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:10530:5: note: in expansion of macro 'API_BEGIN2'
10530 |     API_BEGIN2("DBPutCsgmesh", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0];0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:10530:5: note: in expansion of macro 'API_BEGIN2'
10530 |     API_BEGIN2("DBPutCsgmesh", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetCsgmesh':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0];0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:10595:5: note: in expansion of macro 'API_BEGIN2'
10595 |     API_BEGIN2("DBGetCsgmesh", DBcsgmesh *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0];0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:10595:5: note: in expansion of macro 'API_BEGIN2'
10595 |     API_BEGIN2("DBGetCsgmesh", DBcsgmesh *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBPutCSGZonelist':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0];0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:10638:5: note: in expansion of macro 'API_BEGIN2'
10638 |     API_BEGIN2("DBPutCSGZonelist", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0];0]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:10638:5: note: in expansion of macro 'API_BEGIN2'
10638 |     API_BEGIN2("DBPutCSGZonelist", int, -1, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetCSGZonelist':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result0];0]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:10703:5: note: in expansion of macro 'API_BEGIN2'
10703 |     API_BEGIN2("DBGetCSGZonelist", DBcsgzonelist *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'

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declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:10703:5: note: in expansion of macro 'API_BEGIN2'
10703 |     API_BEGIN2("DBGetCSGZonelist", DBcsgzonelist *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBPutCsgvar':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:10744:5: note: in expansion of macro 'API_BEGIN2'
10744 |     API_BEGIN2("DBPutCsgvar", int, -1, vname) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:10744:5: note: in expansion of macro 'API_BEGIN2'
10744 |     API_BEGIN2("DBPutCsgvar", int, -1, vname) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetCsgvar':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:10816:5: note: in expansion of macro 'API_BEGIN2'
10816 |     API_BEGIN2("DBGetCsgvar", DBcsgvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:10816:5: note: in expansion of macro 'API_BEGIN2'
10816 |     API_BEGIN2("DBGetCsgvar", DBcsgvar *, NULL, name) {
|     ^~~~~~
.././././src/silo/silo.c: In function 'DBInqCompoundarray':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|         ^~~~~~
.././././src/silo/silo.c:12756:5: note: in expansion of macro 'API_BEGIN2'
12756 |     API_BEGIN2("DBInqCompoundarray", int, -1, array_name) {
|     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result];]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|         ^~~~~~
.././././src/silo/silo.c:12756:5: note: in expansion of macro 'API_BEGIN2'
12756 |     API_BEGIN2("DBInqCompoundarray", int, -1, array_name) {

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|      ^~~~~~
././././src/silo/silo.c: In function 'DBGetComponentNames':
././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
././././src/silo/silo_private.h:282:4: note: in expansion of macro 'API_BEGIN2'
282 |     API_BEGIN2(M, T, R, NM)
|     ^~~~~~
././././src/silo/silo.c:12832:5: note: in expansion of macro 'API_DEPRECATED'
12832 |     API_DEPRECATED("DBGetComponentNames", int, -1, objname, 4, 6, "")
|     ^~~~~~
././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
././././src/silo/silo_private.h:282:4: note: in expansion of macro 'API_BEGIN2'
282 |     API_BEGIN2(M, T, R, NM)
|     ^~~~~~
././././src/silo/silo.c:12832:5: note: in expansion of macro 'API_DEPRECATED'
12832 |     API_DEPRECATED("DBGetComponentNames", int, -1, objname, 4, 6, "")
|     ^~~~~~
././././src/silo/silo.c: In function 'DBSortObjectsByOffset':
././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
298 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
././././src/silo/silo.c:13630:5: note: in expansion of macro 'API_BEGIN2'
13630 |     API_BEGIN2("DBSortObjectsByOffset", int, -1, api_dummy);
|     ^~~~~~
././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
299 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
././././src/silo/silo.c:13630:5: note: in expansion of macro 'API_BEGIN2'
13630 |     API_BEGIN2("DBSortObjectsByOffset", int, -1, api_dummy);
|     ^~~~~~
././././src/silo/silo.c: In function 'DBMakeMrgtree':
././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
267 |         write (DBDebugAPI, M, strlen(M));
\

|      ^~~~~~
././././src/silo/silo.c:14543:5: note: in expansion of macro 'API_BEGIN'
14543 |     API_BEGIN("DBMakeMrgtree", DBmrgtree *, NULL) {
|     ^~~~~~
././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [0]8;;https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result-Wunused-result[0]8;;[0]
268 |         write (DBDebugAPI, "\n", 1);
\

|      ^~~~~~
././././src/silo/silo.c:14543:5: note: in expansion of macro 'API_BEGIN'
14543 |     API_BEGIN("DBMakeMrgtree", DBmrgtree *, NULL) {
|     ^~~~~~

```

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../../src/silo/silo.c: In function 'DBAddRegion':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

../../src/silo/silo.c:14612:5: note: in expansion of macro 'API_BEGIN'
14612 |     API_BEGIN("DBAddRegion", int, -1) {
    |     ^~~~~~

../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

../../src/silo/silo.c:14612:5: note: in expansion of macro 'API_BEGIN'
14612 |     API_BEGIN("DBAddRegion", int, -1) {
    |     ^~~~~~

../../src/silo/silo.c: In function 'DBAddRegionArray':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

../../src/silo/silo.c:14711:5: note: in expansion of macro 'API_BEGIN'
14711 |     API_BEGIN("DBAddRegionArray", int, -1) {
    |     ^~~~~~

../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

../../src/silo/silo.c:14711:5: note: in expansion of macro 'API_BEGIN'
14711 |     API_BEGIN("DBAddRegionArray", int, -1) {
    |     ^~~~~~

../../src/silo/silo.c: In function 'DBSetCwr':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

../../src/silo/silo.c:14815:5: note: in expansion of macro 'API_BEGIN'
14815 |     API_BEGIN("DBSetCwr", int, -1)
    |     ^~~~~~

../../src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~

../../src/silo/silo.c:14815:5: note: in expansion of macro 'API_BEGIN'
14815 |     API_BEGIN("DBSetCwr", int, -1)
    |     ^~~~~~

../../src/silo/silo.c: In function 'DBGetCwr':
../../src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result];
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~

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.././././src/silo/silo.c:14856:5: note: in expansion of macro 'API_BEGIN'
14856 |     API_BEGIN("DBGetCwr", const char *, NULL)
      |     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      | https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
268 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
.././././src/silo/silo.c:14856:5: note: in expansion of macro 'API_BEGIN'
14856 |     API_BEGIN("DBGetCwr", const char *, NULL)
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBPutMrgtree':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      | https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
.././././src/silo/silo.c:14873:5: note: in expansion of macro 'API_BEGIN2'
14873 |     API_BEGIN2("DBPutMrgtree", int, -1, name)
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      | https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
299 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
.././././src/silo/silo.c:14873:5: note: in expansion of macro 'API_BEGIN2'
14873 |     API_BEGIN2("DBPutMrgtree", int, -1, name)
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBGetMrgtree':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      | https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
.././././src/silo/silo.c:14906:5: note: in expansion of macro 'API_BEGIN2'
14906 |     API_BEGIN2("DBGetMrgtree", DBmrgtree *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      | https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
299 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~
.././././src/silo/silo.c:14906:5: note: in expansion of macro 'API_BEGIN2'
14906 |     API_BEGIN2("DBGetMrgtree", DBmrgtree *, NULL, name) {
      |     ^~~~~~
.././././src/silo/silo.c: In function 'DBPutGroupelmap':
.././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      | https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
298 |         write (DBDebugAPI, M, strlen(M));
      |         ^~~~~~
.././././src/silo/silo.c:14930:5: note: in expansion of macro 'API_BEGIN2'
14930 |     API_BEGIN2("DBGGroupelmap", int, -1, name) {
      |     ^~~~~~
.././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
      | https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result
299 |         write (DBDebugAPI, "\n", 1);
      |         ^~~~~~

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\
|
|                                     ^~~~~~
...././././src/silo/silo.c:14930:5: note: in expansion of macro 'API_BEGIN2'
14930 |     API_BEGIN2("DBGroupelmap", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBGetGroupelmap':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8];[2]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:14967:5: note: in expansion of macro 'API_BEGIN2'
14967 |     API_BEGIN2("DBGetGroupelmap", DBGroupelmap *, NULL, name) {
|     ^~~~~~
...././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8];[2]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:14967:5: note: in expansion of macro 'API_BEGIN2'
14967 |     API_BEGIN2("DBGetGroupelmap", DBGroupelmap *, NULL, name) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBPutMrgvar':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8];[2]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:14990:5: note: in expansion of macro 'API_BEGIN2'
14990 |     API_BEGIN2("DBPutMrgvar", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8];[2]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:14990:5: note: in expansion of macro 'API_BEGIN2'
14990 |     API_BEGIN2("DBPutMrgvar", int, -1, name) {
|     ^~~~~~
...././././src/silo/silo.c: In function 'DBGetMrgvar':
...././././src/silo/silo_private.h:298:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8];[2]
298 |         write (DBDebugAPI, M, strlen(M));
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:15030:5: note: in expansion of macro 'API_BEGIN2'
15030 |     API_BEGIN2("DBGetMrgvar", DBmrgvar *, NULL, name) {
|     ^~~~~~
...././././src/silo/silo_private.h:299:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/
gcc/Warning-Options.html#index-Wunused-result[8];[2]
299 |         write (DBDebugAPI, "\n", 1);
\
|
|                                     ^~~~~~
...././././src/silo/silo.c:15030:5: note: in expansion of macro 'API_BEGIN2'
15030 |     API_BEGIN2("DBGetMrgvar", DBmrgvar *, NULL, name) {
|     ^~~~~~
[ 52%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_GpuUtility.cpp.o
[ 53%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_GpuAsyncArray.cpp.o

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p.o
[ 54%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_GpuElixir.cpp.o
[ 55%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_Machine.cpp.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/silo -I../.. -I.././././
src -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1
-g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86
_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmp
i/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE
-D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT sil
o_ns.lo -MD -MP -MF .deps/silo_ns.Tpo -c .././././src/silo/silo_ns.c -o silo_ns.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/silo -I../.. -I.././././
src -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1
-g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86
_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/
openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/us
r/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmp
i/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE
-D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT uti
ls.lo -MD -MP -MF .deps/utills.Tpo -c .././././src/silo/utills.c -o utills.o
In file included from .././././src/silo/utills.c:58:
.././././src/silo/utills.c: In function 'DBCcalcMaterialFromDenseArrays':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
.././././src/silo/utills.c:240:5: note: in expansion of macro 'API_BEGIN'
240 |     API_BEGIN("DBCcalcMaterialFromDenseArrays", DBmaterial*, 0) {
    |     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
.././././src/silo/utills.c:240:5: note: in expansion of macro 'API_BEGIN'
240 |     API_BEGIN("DBCcalcMaterialFromDenseArrays", DBmaterial*, 0) {
    |     ^~~~~~
.././././src/silo/utills.c: In function 'DBCcalcDenseArraysFromMaterial':
.././././src/silo/silo_private.h:267:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
267 |         write (DBDebugAPI, M, strlen(M));
    |         ^~~~~~
.././././src/silo/utills.c:436:5: note: in expansion of macro 'API_BEGIN'
436 |     API_BEGIN("DBCcalcDenseArraysFromMaterial", int, -1) {
    |     ^~~~~~
.././././src/silo/silo_private.h:268:28: warning: ignoring return value of 'write'
declared with attribute 'warn_unused_result' [-Wunused-result]
268 |         write (DBDebugAPI, "\n", 1);
    |         ^~~~~~
.././././src/silo/utills.c:436:5: note: in expansion of macro 'API_BEGIN'
436 |     API_BEGIN("DBCcalcDenseArraysFromMaterial", int, -1) {
    |     ^~~~~~
libtool: link: ar cru .libs/libsilosilo.a alloc.o extface.o silo.o silo_ns.o uti
ls.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilosilo.a

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libtool: link: ( cd ".libs" && rm -f "libsilo_silo.la" && ln -s "../libsilo_silo.la" "libsilo_silo.la" )
Making all in debug
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././src/debug -I../.. -I.././silo -I.././././src/debug/./silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT silo_debug.lo -MD -MP -MF .deps/silo_debug.Tpo -c .././././src/debug/silo_debug.c -o silo_debug.o
libtool: link: ar cru .libs/libsilo_debug.a silo_debug.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_debug.a
libtool: link: ( cd ".libs" && rm -f "libsilo_debug.la" && ln -s "../libsilo_debug.la" "libsilo_debug.la" )
Making all in netcdf
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I.././././src/netcdf -I../.. -I../././././src/netcdf/./pdb -I.././silo -I.././././src/netcdf/./silo -I../././././src/netcdf/./score -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT api.lo -MD -MP -MF .deps/api.Tpo -c .././././src/netcdf/api.c -o api.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././././src/netcdf -I../.. -I../././././src/netcdf/./pdb -I.././silo -I../././././src/netcdf/./silo -I../././././src/netcdf/./score -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT ent.lo -MD -MP -MF .deps/ent.Tpo -c .././././src/netcdf/ent.c -o ent.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././././src/netcdf -I../.. -I../././././src/netcdf/./pdb -I.././silo -I../././././src/netcdf/./silo -I../././././src/netcdf/./score -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT netcdf.lo -MD -MP -MF .deps/netcdf.Tpo -c .././././src/netcdf/netcdf.c -o netcdf.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././././src/netcdf -I../.. -I../././././src/netcdf/./pdb -I.././silo -I../././././src/netcdf/./silo -I../././././src/netcdf/./score -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT obj.lo -MD -MP -MF .deps/obj.Tpo -c .././././src/netcdf/obj.c -o obj.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../././././src/netcdf -I../.. -I../././././src/netcdf/./pdb -I.././silo -I../././././src/netcdf/./silo -I../././././src/netcdf/./score -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi
```

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-I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT silo_netcdf.lo -MD -MP -MF .deps/silo_netcdf.Tpo -c ../../../../src/netcdf/silo_netcdf.c -o silo_netcdf.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/netcdf -I../../src/netcdf/../../pdb -I../../silo -I../../src/netcdf/../../silo -I../../src/netcdf/../../score -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT table.lo -MD -MP -MF .deps/table.Tpo -c ../../../../src/netcdf/table.c -o table.o
libtool: link: ar cru .libs/libsilonetcdf.a api.o ent.o netcdf.o obj.o silonetcdf.o table.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilonetcdf.a
libtool: link: ( cd ".libs" && rm -f "libsilonetcdf.la" && ln -s "../libsilonetcdf.la" "libsilonetcdf.la" )
Making all in pdb_drv
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/pdb_drv -I../../src/pdb_drv/../../pdb -I../../silo -I../../src/pdb_drv/../../silo -I../../src/pdb_drv/../../score -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT silo_pdb.lo -MD -MP -MF .deps/silo_pdb.Tpo -c ../../../../src/pdb_drv/silo_pdb.c -o silo_pdb.o
[ 56%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_MemPool.cpp.o
[ 57%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/AMReX_Parser.cpp.o
libtool: link: ar cru .libs/libsilopdb_drv.a silo_pdb.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilopdb_drv.a
libtool: link: ( cd ".libs" && rm -f "libsilopdb_drv.la" && ln -s "../libsilopdb_drv.la" "libsilopdb_drv.la" )
Making all in hdf5_drv
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/hdf5_drv -I../../silo -I../../src/hdf5_drv/../../silo -I../../src/hdf5_drv/../../hzip -I../../src/hdf5_drv/../../fpzip -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT silo_hdf5.lo -MD -MP -MF .deps/silo_hdf5.Tpo -c ../../../../src/hdf5_drv/silo_hdf5.c -o silo_hdf5.o
In file included from ../../../../src/hdf5_drv/silo_hdf5.c:75:
../../../../src/hdf5_drv/silo_hdf5_private.h:111:2: warning: #warning REMOVE db_hdf5_CpListedObjects [8]; https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp[8]; [8]
    111 | #warning REMOVE db_hdf5_CpListedObjects
        |     ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_init':
../../../../src/hdf5_drv/silo_hdf5.c:2158:2: warning: #warning SHOULD WE DISABLE HZIP

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AND FPZIP ENCODING [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
2158 | #warning SHOULD WE DISABLE HZIP AND FPZIP ENCODING
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_InitCallbacks':
../../../../src/hdf5_drv/silo_hdf5.c:2804:2: warning: #warning GET RID OF CPLISTEDOBJECTS [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
2804 | #warning GET RID OF CPLISTEDOBJECTS
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_set_compression':
../../../../src/hdf5_drv/silo_hdf5.c:3356:2: warning: #warning WHAT ABOUT NULL RETURN FROM DBGETCOMPRESSION [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
3356 | #warning WHAT ABOUT NULL RETURN FROM DBGETCOMPRESSION
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:3389:2: warning: #warning FIX MISSING .compressionMinsize member [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
3389 | #warning FIX MISSING .compressionMinsize member
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:3409:2: warning: #warning QUERY FILE LEVEL COMPRESSION PARAMS HERE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
3409 | #warning QUERY FILE LEVEL COMPRESSION PARAMS HERE
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'load_toc':
../../../../src/hdf5_drv/silo_hdf5.c:4136:2: warning: #warning REVISIT THIS CODE BLOCK [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
4136 | #warning REVISIT THIS CODE BLOCK
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_resolvename':
../../../../src/hdf5_drv/silo_hdf5.c:4753:2: warning: #warning HARD CODED SIZE HERE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
4753 | #warning HARD CODED SIZE HERE
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_process_file_options':
../../../../src/hdf5_drv/silo_hdf5.c:5024:2: warning: #warning REMOVED WINDOWS SPECIFIC CHECK [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
5024 | #warning REMOVED WINDOWS SPECIFIC CHECK
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:5115:2: warning: #warning DO WE STILL NEED THIS [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
5115 | #warning DO WE STILL NEED THIS
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:5175:2: warning: #warning REMOVED WINDOWS SPECIFIC CHECK [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
5175 | #warning REMOVED WINDOWS SPECIFIC CHECK
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:5295:2: warning: #warning PUT UDATA POINTER IN DBFILE pointer so it can be freed with file is closed. [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
5295 | #warning PUT UDATA POINTER IN DBFILE pointer so it can be freed with file is closed.
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:5444:2: warning: #warning DO WE STILL NEED THIS [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp]8;;
5444 | #warning DO WE STILL NEED THIS

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| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:5530:2: warning: #warning FIX THIS [8];;http
s://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp[8];;[8]
5530 | #warning FIX THIS
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_Open':
../../../../src/hdf5_drv/silo_hdf5.c:5919:2: warning: #warning QUERY FILE IMAGE STUFF
HERE TO GET UDATA PTR [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.htm
l#index-Wcpp-Wcpp[8];;[8]
5919 | #warning QUERY FILE IMAGE STUFF HERE TO GET UDATA PTR
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_Create':
../../../../src/hdf5_drv/silo_hdf5.c:6010:2: warning: #warning BACKWARD COMPAT ISSUE
FOR HDF5 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcp
p-Wcpp[8];;[8]
6010 | #warning BACKWARD COMPAT ISSUE FOR HDF5
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:6047:2: warning: #warning FIX FILE SCOPE GLOBAL
INITIALIZATION [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index
-Wcpp-Wcpp[8];;[8]
6047 | #warning FIX FILE SCOPE GLOBAL INITIALIZATION
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'copy_obj':
../../../../src/hdf5_drv/silo_hdf5.c:6513:2: warning: #warning WHY THIS SIZE [8];;ht
tps://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp[8];;[8]
6513 | #warning WHY THIS SIZE
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: At top level:
../../../../src/hdf5_drv/silo_hdf5.c:6684:2: warning: #warning REMOVE THIS MAYBE [8]
;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp[8];;[8]
6684 | #warning REMOVE THIS MAYBE
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_WriteObject':
../../../../src/hdf5_drv/silo_hdf5.c:7423:2: warning: #warning COMPATABILITY ISSUE
[8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp[8]
;[8]
7423 | #warning COMPATABILITY ISSUE
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_get_var_byte_length':
../../../../src/hdf5_drv/silo_hdf5.c:7798:2: warning: #warning REMOVED db_perror CALL
S [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcpp[8]
;[8]
7798 | #warning REMOVED db_perror CALLS
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_WriteCKZ':
../../../../src/hdf5_drv/silo_hdf5.c:8446:2: warning: #warning WHAT IF EXISTING DATAS
ET WAS COMPRESSED [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#in
dex-Wcpp-Wcpp[8];;[8]
8446 | #warning WHAT IF EXISTING DATASET WAS COMPRESSED
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:8490:2: warning: #warning COMPARE TO -1 OR TO NEG
ATIVE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-W
cpp[8];;[8]
8490 | #warning COMPARE TO -1 OR TO NEGATIVE
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:8514:2: warning: #warning COMPARE TO -1 OR NEGAT
IVE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wcp
p[8];;[8]
8514 | #warning COMPARE TO -1 OR NEGATIVE
| ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_GetObject':
../../../../src/hdf5_drv/silo_hdf5.c:8741:2: warning: #warning THIS IFDEFD CODE IS IN
TRANSITION TO BETTER GENERIC OBJECTS [8];;https://gcc.gnu.org/onlinedocs/gcc/Warn
ing-Options.html#index-Wcpp-Wcpp[8];;[8]

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8741 | #warning THIS IFDEFD CODE IS IN TRANSITION TO BETTER GENERIC OBJECTS
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:8840:2: warning: #warning REVISIT THIS CLEANUP CODE. IS THERE A BETTER SYMBOLIC VALUE THAN -1 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
8840 | #warning REVISIT THIS CLEANUP CODE. IS THERE A BETTER SYMBOLIC VALUE THAN
      | -1
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:8847:2: warning: #warning USE FREE() MACRO HERE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
8847 | #warning USE FREE() MACRO HERE
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:8861:2: warning: #warning USE FREE() MACRO HERE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
8861 | #warning USE FREE() MACRO HERE
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c: In function 'db_hdf5_PutMultimat':
../../../../src/hdf5_drv/silo_hdf5.c:14371:2: warning: #warning REPLACE WITH STRING UTILITIES [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
14371 | #warning REPLACE WITH STRING UTILITIES
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:14411:2: warning: #warning IS THIS TAKEN CARE OF ELSEWHERE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
14411 | #warning IS THIS TAKEN CARE OF ELSEWHERE
      | ^~~~~~
../../../../src/hdf5_drv/silo_hdf5.c:14423:2: warning: #warning IS THIS TAKEN CARE OF ELSEWHERE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
14423 | #warning IS THIS TAKEN CARE OF ELSEWHERE
      | ^~~~~~
[ 57%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/AMReX_Parser_Exec.cpp.o
[ 58%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/AMReX_Parser_Y.cpp.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../../../src/hdf5_drv -I../.. -I../../../../silo -I../../../../src/hdf5_drv/./silo -I../../../../src/hdf5_drv/./hzip -I../../../../src/hdf5_drv/./fpzip -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT H5FDsilo.lo -MD -MP -MF .deps/H5FDsilo.Tpo -c ../../../../src/hdf5_drv/H5FDsilo.c -o H5FDsilo.o
../../../../src/hdf5_drv/H5FDsilo.c:500:2: warning: #warning REMOVE ME [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
500 | #warning REMOVE ME
      | ^~~~~~
../../../../src/hdf5_drv/H5FDsilo.c: In function 'H5FD_silo_get_eof':
../../../../src/hdf5_drv/H5FDsilo.c:2005:2: warning: #warning TAKE ADVANTAGE OF TYPE INFO HERE [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
2005 | #warning TAKE ADVANTAGE OF TYPE INFO HERE
      | ^~~~~~
libtool: link: ar cru .libs/libsilo_hdf5_drv.a silo_hdf5.o H5FDsilo.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_hdf5_drv.a
libtool: link: ( cd ".libs" && rm -f "libsilo_hdf5_drv.la" && ln -s "../libsilo_hdf5_drv.la" "libsilo_hdf5_drv.la" )

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Making all in taurus
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../..../src/taurus -I../.. -I../si
lo -I../..../src/taurus/./silos -I/usr/include/hdf5/openmpi -fopenmp -DH5Oget_inf
o_vers=1 -DH5O_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gn
u/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi
-I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gf
ortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/l
ib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/op
enmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclarati
on-after-statement -MT silo_taurus.lo -MD -MP -MF .deps/silo_taurus.Tpo -c
../..../src/taurus/silo_taurus.c -o silo_taurus.o
../..../src/taurus/silo_taurus.c: In function 'db_taur_NewToc':
../..../src/taurus/silo_taurus.c:490:54: warning: '%03d' directive writing between
n 3 and 10 bytes into a region of size 7 [0]8;https://gcc.gnu.org/onlinedocs/gcc/
Warning-Options.html#index-Wformat-overflow=0-Wformat-overflow=0]8;0]
490 |         sprintf(toc->dir_names[i], "state%03d", i);
      |                                     ^~~~~
../..../src/taurus/silo_taurus.c:490:48: note: directive argument in the range
[0, 2147483646]
490 |         sprintf(toc->dir_names[i], "state%03d", i);
      |                                     ^~~~~~
In file included from /usr/include/stdio.h:980,
      from .././silos/silo.h:73,
      from ../..../src/taurus/./silos/silo_private.h:79,
      from ../..../src/taurus/silo_taurus_private.h:65,
      from ../..../src/taurus/silo_taurus.c:55:
In function 'sprintf',
      inlined from 'db_taur_NewToc' at ../..../src/taurus/silo_taurus.c:490:21:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:30:10: note: '__builtin__sprintf_chk'
output between 9 and 16 bytes into a destination of size 12
30 |     return __builtin__sprintf_chk (__s, __USE_FORTIFY_LEVEL - 1,
      |     ^~~~~~
31 |                                     __glibc_objsize (__s), __fmt,
      |     ~~~~~~
32 |                                     __va_arg_pack ());
      |     ~~~~~~
../..../src/taurus/silo_taurus.c: In function 'db_taur_NewToc':
../..../src/taurus/silo_taurus.c:487:54: warning: '%02d' directive writing between
n 2 and 10 bytes into a region of size 7 [0]8;https://gcc.gnu.org/onlinedocs/gcc/
Warning-Options.html#index-Wformat-overflow=0-Wformat-overflow=0]8;0]
487 |         sprintf(toc->dir_names[i], "state%02d", i);
      |                                     ^~~~~
../..../src/taurus/silo_taurus.c:487:48: note: directive argument in the range
[0, 2147483646]
487 |         sprintf(toc->dir_names[i], "state%02d", i);
      |                                     ^~~~~~
In function 'sprintf',
      inlined from 'db_taur_NewToc' at ../..../src/taurus/silo_taurus.c:487:21:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:30:10: note: '__builtin__sprintf_chk'
output between 8 and 16 bytes into a destination of size 12
30 |     return __builtin__sprintf_chk (__s, __USE_FORTIFY_LEVEL - 1,
      |     ^~~~~~
31 |                                     __glibc_objsize (__s), __fmt,
      |     ~~~~~~
32 |                                     __va_arg_pack ());
      |     ~~~~~~
../..../src/taurus/silo_taurus.c: In function 'db_taur_cd':
../..../src/taurus/silo_taurus.c:1789:30: warning: '__builtin__sprintf_chk' may
write a terminating nul past the end of the destination [0]8;https://gcc.gnu.org/
onlinedocs/gcc/Warning-Options.html#index-Wformat-overflow=0-Wformat-overflow=0]
8;0]
1789 |         sprintf(npath, "%s/%s", opath, path);
      |         ^
In function 'sprintf',

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    inlined from 'db_taur_cd' at ../../../../src/taurus/silo_taurus.c:1789:9:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:30:10: note: '___builtin___sprintf_chk'
output 2 or more bytes (assuming 161) into a destination of size 160
30 |     return ___builtin___sprintf_chk (__s, __USE_FORTIFY_LEVEL - 1,
    |           ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
31 |           __glibc_objsize (__s), __fmt,
    |           ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
32 |           __va_arg_pack ());
    |           ~~~~~
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/taurus -I../.. -I../../si
lo -I../../src/taurus/./silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_inf
o_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gn
u/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi
-I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gf
ortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/l
ib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/op
enmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclarat
ion-after-statement -MT taurus.lo -MD -MP -MF .deps/taurus.Tpo -c ../../../../src/taur
us/taurus.c -o taurus.o
libtool: link: ar cru .libs/libsilo_taurus.a silo_taurus.o taurus.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_taurus.a
libtool: link: ( cd ".libs" && rm -f "libsilo_taurus.la" && ln -s "../libsilo_taur
us.la" "libsilo_taurus.la" )
Making all in hzip
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hzmdecoder.lo -MD -MP -MF .deps/hzmdecoder.Tpo -c
../../src/hzip/hzmdecoder.cpp -o hzmdecoder.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hzmencoder.lo -MD -MP -MF .deps/hzmencoder.Tpo -c
../../src/hzip/hzmencoder.cpp -o hzmencoder.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hzmio.lo -MD -MP -MF .deps/hzmio.Tpo -c ../../src/
hzip/hzmio.cpp -o hzmio.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hzmpredictor.lo -MD -MP -MF .deps/hzmpredictor.Tpo -
c ../../src/hzip/hzmpredictor.cpp -o hzmpredictor.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hzmread.lo -MD -MP -MF .deps/hzmread.Tpo -c
../../src/hzip/hzmread.cpp -o hzmread.o
[ 59%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/amrex_parser.le
x.cpp.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hzmwrite.lo -MD -MP -MF .deps/hzmwrite.Tpo -c
../../src/hzip/hzmwrite.cpp -o hzmwrite.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hznio.lo -MD -MP -MF .deps/hznio.Tpo -c ../../src/
hzip/hznio.cpp -o hznio.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hznpredictor.lo -MD -MP -MF .deps/hznpredictor.Tpo -
c ../../src/hzip/hznpredictor.cpp -o hznpredictor.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hznread.lo -MD -MP -MF .deps/hznread.Tpo -c
../../src/hzip/hznread.cpp -o hznread.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../src/hzip -I../.. -I/usr/incl

```

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ude/hdf5/openmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hznwrite.lo -MD -MP -MF .deps/hznwrite.Tpo -c
../../../../../src/hzip/hznwrite.cpp -o hznwrite.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../../../../src/hzip -I../../ -I/usr/incl
ude/hdf5/openmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -
D_GNU_SOURCE -O2 -fopenmp -MT hzutil.lo -MD -MP -MF .deps/hzutil.Tpo -c ../../../../../s
rc/hzip/hzutil.cpp -o hzutil.o
libtool: link: ar cru .libs/libsilo_hzip.a hzmdecoder.o hzmencoder.o hzmio.o hzmp
redictor.o hzmread.o hzmwrite.o hznio.o hznpredictor.o hznread.o hznwrite.o hzuti
l.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_hzip.a
libtool: link: ( cd ".libs" && rm -f "libsilo_hzip.la" && ln -s "../libsilo_hzip.l
a" "libsilo_hzip.la" )
Making all in fpzip
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../../../../src/fpzip -I../../ -DFPZIP_BL
OCK_SIZE=0x1000 -DFPZIP_FP=FPZIP_FP_SAFE -DFPZIP_VERBOSE=0 -I/usr/include/hdf5/ope
nmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -D_GNU_SOURCE
-O2 -fopenmp -MT error.lo -MD -MP -MF .deps/error.Tpo -c ../../../../../src/fpzip/error.
cpp -o error.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../../../../src/fpzip -I../../ -DFPZIP_BL
OCK_SIZE=0x1000 -DFPZIP_FP=FPZIP_FP_SAFE -DFPZIP_VERBOSE=0 -I/usr/include/hdf5/ope
nmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -D_GNU_SOURCE
-O2 -fopenmp -MT rcdecoder.lo -MD -MP -MF .deps/rcdecoder.Tpo -c ../../../../../src/fpzi
p/rcdecoder.cpp -o rcdecoder.o
[ 60%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/amrex_parser.ta
b.cpp.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../../../../src/fpzip -I../../ -DFPZIP_BL
OCK_SIZE=0x1000 -DFPZIP_FP=FPZIP_FP_SAFE -DFPZIP_VERBOSE=0 -I/usr/include/hdf5/ope
nmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -D_GNU_SOURCE
-O2 -fopenmp -MT rcencoder.lo -MD -MP -MF .deps/rcencoder.Tpo -c ../../../../../src/fpzi
p/rcencoder.cpp -o rcencoder.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../../../../src/fpzip -I../../ -DFPZIP_BL
OCK_SIZE=0x1000 -DFPZIP_FP=FPZIP_FP_SAFE -DFPZIP_VERBOSE=0 -I/usr/include/hdf5/ope
nmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -D_GNU_SOURCE
-O2 -fopenmp -MT rcqsmode1.lo -MD -MP -MF .deps/rcqsmode1.Tpo -c ../../../../../src/fpzi
p/rcqsmode1.cpp -o rcqsmode1.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../../../../src/fpzip -I../../ -DFPZIP_BL
OCK_SIZE=0x1000 -DFPZIP_FP=FPZIP_FP_SAFE -DFPZIP_VERBOSE=0 -I/usr/include/hdf5/ope
nmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -D_GNU_SOURCE
-O2 -fopenmp -MT read.lo -MD -MP -MF .deps/read.Tpo -c ../../../../../src/fpzip/read.cpp
-o read.o
[ 61%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/AMReX_IParser.c
pp.o
[ 61%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/AMReX_IParser_E
xe.cpp.o
libtool: compile: g++ -DHAVE_CONFIG_H -I. -I../../../../../src/fpzip -I../../ -DFPZIP_BL
OCK_SIZE=0x1000 -DFPZIP_FP=FPZIP_FP_SAFE -DFPZIP_VERBOSE=0 -I/usr/include/hdf5/ope
nmpi -fopenmp -DH5Oget_info_vers=1 -DH50_info_t_vers=1 -g -std=c++17 -D_GNU_SOURCE
-O2 -fopenmp -MT write.lo -MD -MP -MF .deps/write.Tpo -c ../../../../../src/fpzip/write.
cpp -o write.o
[ 62%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/AMReX_IParser_
Y.cpp.o
libtool: link: ar cru .libs/libsilo_fpzip.a error.o rcdecoder.o rcencoder.o rcqsm
odel.o read.o write.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_fpzip.a
libtool: link: ( cd ".libs" && rm -f "libsilo_fpzip.la" && ln -s "../libsilo_fpzi
p.la" "libsilo_fpzip.la" )
Making all in unknown
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../../../../src/unknown -I../../ -I../../s
ilo -I../../../../../src/unknown/../../silo -I/usr/include/hdf5/openmpi -fopenmp -DH5Oget_i
nfo_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-
gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openm

```

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pi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT silo_unknown.lo -MD -MP -MF .deps/silo_unknown.Tpo -c ../../../../src/unknown/silo_unknown.c -o silo_unknown.o
libtool: link: ar cru .libs/libsilo_unknown.a silo_unknown.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_unknown.a
libtool: link: ( cd ".libs" && rm -f "libsilo_unknown.la" && ln -s "../libsilo_unknown.la" "libsilo_unknown.la" )
Making all in filters
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/filters -I../.. -I../silo -I../../src/filters/./silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT f_ale3d.lo -MD -MP -MF .deps/f_ale3d.Tpo -c ../../../../src/filters/f_ale3d.c -o f_ale3d.o
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src/filters -I../.. -I../silo -I../../src/filters/./silo -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT f_sample.lo -MD -MP -MF .deps/f_sample.Tpo -c ../../../../src/filters/f_sample.c -o f_sample.o
libtool: link: ar cru .libs/libsilo_filters.a f_ale3d.o f_sample.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsilo_filters.a
libtool: link: ( cd ".libs" && rm -f "libsilo_filters.la" && ln -s "../libsilo_filters.la" "libsilo_filters.la" )
Making all in .
libtool: compile: gcc -DHAVE_CONFIG_H -I. -I../../src -I.. -I/usr/include/hdf5/openmpi -fopenmp -DH50get_info_vers=1 -DH50_info_t_vers=1 -g -std=gnu99 -O2 -fopenmp -I/usr/lib/x86_64-linux-gnu/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/lib -I/usr/include/hdf5/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include -I/usr/lib/x86_64-linux-gnu/fortran/gfortran-mod-15/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -I/usr/lib/x86_64-linux-gnu/openmpi/include/openmpi -D_LARGEFILE_SOURCE -D_LARGEFILE64_SOURCE -D_FILE_OFFSET_BITS=64 -Wdeclaration-after-statement -MT siloh5_version.lo -MD -MP -MF .deps/siloh5_version.Tpo -c ../../../../src/siloh5_version.c -o siloh5_version.o
libtool: link: (cd .libs/libsiloh5.lax/libsilo_score.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/score/.libs/libsilo_score.a")
libtool: link: (cd .libs/libsiloh5.lax/libsilo_pdb.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/pdb/.libs/libsilo_pdb.a")
libtool: link: (cd .libs/libsiloh5.lax/libsilo_silo.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/silo/.libs/libsilo_silo.a")
libtool: link: (cd .libs/libsiloh5.lax/libsilo_debug.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/debug/.libs/libsilo_debug.a")
libtool: link: (cd .libs/libsiloh5.lax/libsilo_netcdf.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/netcdf/.libs/libsilo_netcdf.a")
libtool: link: (cd .libs/libsiloh5.lax/libsilo_pdb_drv.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/pdb_drv/.libs/libsilo_pdb_drv.a")

```

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ilo_pdb_drv.a")
libtool: link: (cd .libs/libsiloh5.lax/libsiloh5_hdf5_drv.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/hdf5_drv/.libs/libsiloh5_hdf5_drv.a")
libtool: link: (cd .libs/libsiloh5.lax/libsiloh5_taurus.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/taurus/.libs/libsiloh5_taurus.a")
libtool: link: (cd .libs/libsiloh5.lax/libsiloh5_hzip.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/hzip/.libs/libsiloh5_hzip.a")
libtool: link: (cd .libs/libsiloh5.lax/libsiloh5_fpzip.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/fpzip/.libs/libsiloh5_fpzip.a")
libtool: link: (cd .libs/libsiloh5.lax/libsiloh5_unknown.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/unknown/.libs/libsiloh5_unknown.a")
libtool: link: (cd .libs/libsiloh5.lax/libsiloh5_filters.a && ar x "/home/anisha/Cactus/Cactus/configs/sim/scratch/build/Silo/silo-4.11.1/build/src/filters/.libs/libsiloh5_filters.a")
libtool: link: ar cru .libs/libsiloh5.a siloh5_version.o .libs/libsiloh5.lax/libsiloh5_score.a/memmove.o .libs/libsiloh5.lax/libsiloh5_score.a/scctl.o .libs/libsiloh5.lax/libsiloh5_score.a/scctla.o .libs/libsiloh5.lax/libsiloh5_score.a/schash.o .libs/libsiloh5.lax/libsiloh5_score.a/scstr.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdb.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdbdir.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdbio.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdbmm.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdbx.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdconv.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdlow.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdmemb.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdpath.o .libs/libsiloh5.lax/libsiloh5_pdb.a/pdrdwr.o .libs/libsiloh5.lax/libsiloh5_silo.a/alloc.o .libs/libsiloh5.lax/libsiloh5_silo.a/extface.o .libs/libsiloh5.lax/libsiloh5_silo.a/silo.o .libs/libsiloh5.lax/libsiloh5_silo.a/silo_ns.o .libs/libsiloh5.lax/libsiloh5_silo.a/utils.o .libs/libsiloh5.lax/libsiloh5_debug.a/silo_debug.o .libs/libsiloh5.lax/libsiloh5_netcdf.a/api.o .libs/libsiloh5.lax/libsiloh5_netcdf.a/ent.o .libs/libsiloh5.lax/libsiloh5_netcdf.a/netcdf.o .libs/libsiloh5.lax/libsiloh5_netcdf.a/object.o .libs/libsiloh5.lax/libsiloh5_netcdf.a/silo_netcdf.o .libs/libsiloh5.lax/libsiloh5_netcdf.a/table.o .libs/libsiloh5.lax/libsiloh5_pdb_drv.a/silo_pdb.o .libs/libsiloh5.lax/libsiloh5_hdf5_drv.a/H5FDsilo.o .libs/libsiloh5.lax/libsiloh5_hdf5_drv.a/silo_hdf5.o .libs/libsiloh5.lax/libsiloh5_taurus.a/silo_taurus.o .libs/libsiloh5.lax/libsiloh5_taurus.a/taurus.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hzmdecoder.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hzmencoder.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hzmio.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hzmpredictor.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hzmread.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hzmwrite.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hznio.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hznpredictor.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hznread.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hznwrite.o .libs/libsiloh5.lax/libsiloh5_hzip.a/hzutil.o .libs/libsiloh5.lax/libsiloh5_fpzip.a/error.o .libs/libsiloh5.lax/libsiloh5_fpzip.a/rcdecoder.o .libs/libsiloh5.lax/libsiloh5_fpzip.a/rcencoder.o .libs/libsiloh5.lax/libsiloh5_fpzip.a/rcqsmode.o .libs/libsiloh5.lax/libsiloh5_fpzip.a/read.o .libs/libsiloh5.lax/libsiloh5_fpzip.a/write.o .libs/libsiloh5.lax/libsiloh5_unknown.a/silo_unknown.o .libs/libsiloh5.lax/libsiloh5_filters.a/f_ale3d.o .libs/libsiloh5.lax/libsiloh5_filters.a/f_sample.o
ar: `u' modifier ignored since `D' is the default (see `U')
libtool: link: ranlib .libs/libsiloh5.a
libtool: link: rm -fr .libs/libsiloh5.lax
libtool: link: ( cd ".libs" && rm -f "libsiloh5.la" && ln -s "../libsiloh5.la" "libsiloh5.la" )
Making all in tools
Making all in .
Making all in silock
libtool: link: g++ -g -std=c++17 -D_GNU_SOURCE -O2 -fopenmp -rdynamic -O2 -fopenmp -Wl,-rpath -Wl,/usr/lib/x86_64-linux-gnu/hdf5/openmpi -Wl,-rpath -Wl,/usr/lib/x86_64-linux-gnu/openmpi/lib -Wl,-rpath -Wl,/usr/lib/x86_64-linux-gnu/openmpi/lib -Wl,-rpath -Wl,/usr/lib/gcc/x86_64-linux-gnu/13 -o silock silock.o -L/usr/lib/x86_64-linux-gnu/hdf5/openmpi -L/usr/lib/x86_64-linux-gnu/openmpi/lib -L/usr/lib/gcc/x86_64-linux-gnu/13 .././src/.libs/libsiloh5.a -lhdf5hl_fortran -lhdf5_fortran -lhdf5_hl -lhdf5 -lhwloc -levent_core -levent_pthreads -lsz -lmpi_cxx -lmpi -lz -lcrypt

```

```

-lgfortran -lm -fopenmp
[ 63%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/amrex_iparser.1
ex.cpp.o
Making all in browser
../../tools/browser/file.c: In function 'file_deref':
../../tools/browser/file.c:2338:37: warning: '__builtin__sprintf_chk' may writ
e a terminating nul past the end of the destination [8];https://gcc.gnu.org/onli
nedocs/gcc/Warning-Options.html#index-Wformat-overflow=1-Wformat-overflow=1
2338 |         sprintf(fullname, "%s/%s", cwd, name);
      |         ^
In file included from /usr/include/stdio.h:980,
      from ../../src/silo/silo.h:73,
      from ../../tools/browser/browser.h:133,
      from ../../tools/browser/file.c:68:
In function 'sprintf',
      inlined from 'file_deref' at ../../tools/browser/file.c:2338:13:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:30:10: note: '__builtin__sprintf_chk'
output 2 or more bytes (assuming 1025) into a destination of size 1024
30 |     return __builtin__sprintf_chk (__s, __USE_FORTIFY_LEVEL - 1,
      |         ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
31 |         __glibc_objsize (__s), __fmt,
      |         ~~~~~~~~~~~~~~~~~~~~~~
32 |         __va_arg_pack ());
      |         ~~~~~~~~~~~~~~~~~
[ 64%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/Parser/amrex_iparser.t
ab.cpp.o
[ 65%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Base/AMReX_MPMD.cpp.o
../../tools/browser/stc.c: In function 'stc_silo_types':
../../tools/browser/stc.c:1755:2: warning: #warning CHECK BEHAVIOR OF THIS MEMB
ER [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp1-Wcpp1
1755 | #warning CHECK BEHAVIOR OF THIS MEMBER
      |     ^~~~~~
libtool: link: g++ -g -std=c++17 -D_GNU_SOURCE -O2 -fopenmp -rdynamic -O2 -fopenmp
-Wl,-rpath -Wl,/usr/lib/x86_64-linux-gnu/hdf5/openmpi -Wl,-rpath -Wl,/usr/lib/x86_
64-linux-gnu/openmpi/lib -Wl,-rpath -Wl,/usr/lib/x86_64-linux-gnu/openmpi/lib -Wl,
-rpath -Wl,/usr/lib/gcc/x86_64-linux-gnu/13 -o browser array.o bif.o browser.o con
s.o file.o func.o lex.o num.o obj.o output.o parse.o prim.o ptr.o range.o sdo.o st
c.o str.o switch.o sym.o -L/usr/lib/x86_64-linux-gnu/hdf5/openmpi -L/usr/lib/x86_
64-linux-gnu/openmpi/lib -L/usr/lib/gcc/x86_64-linux-gnu/13 ../../src/.libs/sil
oh5.a -lhdf5hl_fortran -lhdf5_fortran -lhdf5_hl -lhdf5 -lhwloc -levent_core -leven
t_pthreads -lsz -lmpi_cxx -lmpi -lz -lcrypt -lgfortran -lm -fopenmp
Making all in tests

```

NOTICE: Silo test cases are not compiled by default. To compile and test  
NOTICE: them run "make check" from the silo "tests" directory. Otherwise  
NOTICE: you can compile them individually with "make TESTNAME". The test  
NOTICE: names are: array, dir, extface, multi\_test, partial\_io, point, quad,  
NOTICE: simple, ucd, ucdsamp3, testall, obj, onehex, oneprism, onepyrmaid,  
NOTICE: onetet, subhex, TestReadMask, twohex, multispec, misc, sami, newsami,  
NOTICE: specmix, spec, cpz1plt, group\_test, listtypes, alltypes, wave,  
NOTICE: multi\_file, polyzl, csg, rocket, mmadjacency, largefile, dbversion,  
NOTICE: namescheme, efcentering, mk\_nasf\_pdb, ioperf, arbpoly2d, readstuff,  
NOTICE: mat3d\_3across, merge\_block, test\_mat\_compression, bcastopen,  
NOTICE: memfile\_simple, empty, majorder, realloc\_obj\_and\_opts, testpdb,  
NOTICE: pdbtst, compression, grab, mk\_nasf\_h5, testhdf5, but "testall"  
NOTICE: is a good one to start with.

```

Silo: Installing...
Making install in .
Making install in src
Making install in score
Making install in pdb
Making install in silo

```

```

/usr/bin/mkdir -p '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/i
nclude'
/usr/bin/install -c -m 644 ../../../../src/silo/silo.inc ../../../../src/silo/silo_f77.
inc ../../../../src/silo/silo_f9x.inc ../../../../src/silo/pmpio.h ../../../../src/silo/sil
o_exports.h '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/include'
/usr/bin/mkdir -p '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/i
nclude'
/usr/bin/install -c -m 644 silo.h '/home/anisha/Cactus/Cactus/configs/sim/scratc
h/external/Silo/include'
Making install in debug
Making install in netcdf
Making install in pdb_drv
Making install in hdf5_drv
Making install in taurus
Making install in hzip
Making install in fpzip
Making install in unknown
Making install in filters
Making install in .
/usr/bin/mkdir -p '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/l
ib'
/bin/bash ../libtool --mode=install /usr/bin/install -c libsilo5.la '/home/a
nisha/Cactus/Cactus/configs/sim/scratch/external/Silo/lib'
libtool: install: /usr/bin/install -c .libs/libsilo5.lai /home/anisha/Cactus/Cact
us/configs/sim/scratch/external/Silo/lib/libsilo5.la
libtool: install: /usr/bin/install -c .libs/libsilo5.a /home/anisha/Cactus/Cactu
s/configs/sim/scratch/external/Silo/lib/libsilo5.a
libtool: install: chmod 644 /home/anisha/Cactus/Cactus/configs/sim/scratch/externa
l/Silo/lib/libsilo5.a
libtool: install: ranlib /home/anisha/Cactus/Cactus/configs/sim/scratch/external/S
ilo/lib/libsilo5.a
libtool: finish: PATH="/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bi
n:/usr/games:/usr/local/games:/usr/lib/wsl/lib:/mnt/f/ffmpeg-master-latest-win64-g
pl/bin:/mnt/c/Program Files/HP/HP One Agent:/mnt/c/MinGW/bin:/mnt/c/Users/sharm/App
pData/Local/Programs/Python/Python312/Scripts:/mnt/c/Users/sharm/AppData/Local/Pr
ograms/Python/Python312:/mnt/c/Users/sharm/AppData/Local/Programs/Python/Launche
r:/mnt/c/Users/sharm/AppData/Local/Microsoft/WindowsApps:/mnt/c/Users/sharm/AppDa
ta/Local/GitHubDesktop/bin:/mnt/c/MinGW/bin:/mnt/c/Users/sharm/AppData/Local/Progr
ams/Microsoft VS Code/bin:/snap/bin:/sbin" ldconfig -n /home/anisha/Cactus/Cactus/
configs/sim/scratch/external/Silo/lib
-----

```

Libraries have been installed in:

```

/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/lib

```

If you ever happen to want to link against installed libraries in a given directory, LIBDIR, you must either use libtool, and specify the full pathname of the library, or use the '-LLIBDIR' flag during linking and do at least one of the following:

- add LIBDIR to the 'LD\_LIBRARY\_PATH' environment variable during execution
- have your system administrator add LIBDIR to '/etc/ld.so.conf'

See any operating system documentation about shared libraries for more information, such as the ld(1) and ld.so(8) manual pages.

```

-----
Making install in tools
Making install in .
Making install in silock
/usr/bin/mkdir -p '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/b
in'
/bin/bash ../libtool --mode=install /usr/bin/install -c silock '/home/anish
a/Cactus/Cactus/configs/sim/scratch/external/Silo/bin'
libtool: install: /usr/bin/install -c silock /home/anisha/Cactus/Cactus/configs/si
m/scratch/external/Silo/bin/silock

```

Making install in browser

```
/usr/bin/mkdir -p '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/bin'
```

```
/bin/bash ../../libtool --mode=install /usr/bin/install -c browser '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/bin'
```

```
libtool: install: /usr/bin/install -c browser /home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/bin/browser
```

```
/usr/bin/mkdir -p '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/bin'
```

```
/usr/bin/install -c ../../../../tools/browser/silodiff ../../../../tools/browser/silofile '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/bin'
```

Making install in tests

NOTICE: Silo test cases are not compiled by default. To compile and test  
NOTICE: them run "make check" from the silo "tests" directory. Otherwise  
NOTICE: you can compile them individually with "make TESTNAME". The test  
NOTICE: names are: array, dir, extface, multi\_test, partial\_io, point, quad,  
NOTICE: simple, ucd, ucdsamp3, testall, obj, onehex, oneprism, onepyrmaid,  
NOTICE: onetet, subhex, TestReadMask, twohex, multispec, misc, sami, newsami,  
NOTICE: specmix, spec, cpz1plt, group\_test, listtypes, alltypes, wave,  
NOTICE: multi\_file, polyzl, csg, rocket, mmadjacency, largefile, dbversion,  
NOTICE: namescheme, efcentering, mk\_nasf\_pdb, ioperf, arbpoly2d, readstuff,  
NOTICE: mat3d\_3across, merge\_block, test\_mat\_compression, bcastopen,  
NOTICE: memfile\_simple, empty, majorder, realloc\_obj\_and\_opts, testpdb,  
NOTICE: pdbst, compression, grab, mk\_nasf\_h5, testhdf5, but "testall"  
NOTICE: is a good one to start with.

```
/usr/bin/mkdir -p '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/include'
```

```
/usr/bin/install -c -m 644 ../../tests/ioperf.h '/home/anisha/Cactus/Cactus/configs/sim/scratch/external/Silo/include'
```

```
~/Cactus/Cactus/configs/sim/scratch
```

```
Silo: Cleaning up...
```

```
Silo: Done.
```

```
COMPILING ExternalLibraries/Silo/src/silo.cxx
```

```
COMPILING configs/sim/bindings/build/Silo/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Silo.a
```

```
Checking status of thorn DNSdata
```

```
COMPILING CactusSgrid/DNSdata/src/DNSdataReader.c
```

```
COMPILING configs/sim/bindings/build/DNSdata/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_DNSdata.a
```

```
Checking status of thorn EOS_Hybrid
```

```
COMPILING EinsteinEOS/EOS_Hybrid/src/EOS_Hybrid_Scalars.F
```

```
COMPILING EinsteinEOS/EOS_Hybrid/src/EOS_Hybrid.F
```

```
COMPILING EinsteinEOS/EOS_Hybrid/src/EOS_Hybrid_Analysis.F
```

```
COMPILING EinsteinEOS/EOS_Hybrid/src/EOS_Hybrid_Startup.F
```

```
[ 66%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Boundary/AMReX_Mask.cpp.o
```

```
COMPILING configs/sim/bindings/build/EOS_Hybrid/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_EOS_Hybrid.a
```

```
[ 66%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Boundary/AMReX_MultiMask.cpp.o
```

```
Checking status of thorn EOS_Omni
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_Module.F90
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_Handles.c
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_MultiVarCalls.F90
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_ColdEOSReadTable.F90
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_BarotropicReadTable.F90
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_Check_EOS_Params.F90
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_Startup.F90
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_SingleVarCalls.F90
```

```
[ 67%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Boundary/AMReX_LO_BCTYPES.cpp.o
```

```
COMPILING EinsteinEOS/EOS_Omni/src/EOS_Omni_SingleVarCalls_harm.F90
```

```
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/readtable.cc
```



```

[ 68%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Boundary/AMReX_EdgeFluxRegister.cpp.o
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/nuc_eos_short.cc
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/nuc_eos_press_cs2.cc
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/nuc_eos_press.cc
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/nuc_eos_full.cc
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/nuc_eos_dpdrhoe_dpderho.cc
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/readtable_cactus_wrapper.cc
COMPILING EinsteinEOS/EOS_Omni/src/nuc_eos_cxx/dumpASCIITable.cc
COMPILING configs/sim/bindings/build/EOS_Omni/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_EOS_Omni.a
[ 69%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_AmrCore.cpp.o
Checking status of thorn Formaline
COMPILING CactusUtils/Formaline/src/announce.cc
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/announce.cc: In function 'void Formaline::Formaline_AnnounceInitial(cGH*)':
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/announce.cc:427:13: warning: ignoring return value of 'char* getcwd(char*, size_t)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
  427 |         getcwd(cwd, sizeof cwd);
      |         ~~~~~^~~~~~
[ 70%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_Cluster.cpp.o
COMPILING CactusUtils/Formaline/src/file.cc
COMPILING CactusUtils/Formaline/src/id.cc
COMPILING CactusUtils/Formaline/src/json_file.cc
COMPILING CactusUtils/Formaline/src/multistorage.cc
COMPILING CactusUtils/Formaline/src/output_source.c
COMPILING CactusUtils/Formaline/src/portal.cc
[ 71%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_ErrorList.cpp.o
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/portal.cc: In destructor 'Formaline::~portal::~~portal()':
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/portal.cc:186:9: warning: ignoring return value of 'int system(const char*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
  186 |         system(chmod);
      |         ~~~~~^~~~~~
COMPILING CactusUtils/Formaline/src/rdf.cc
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/rdf.cc: In member function 'void Formaline::rdf::Initial()':
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/rdf.cc:107:9: warning: ignoring return value of 'char* getcwd(char*, size_t)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
  107 |         getcwd(buf, sizeof(buf));
      |         ~~~~~^~~~~~
COMPILING CactusUtils/Formaline/src/rdf_publisher.cc
[ 71%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_FillPatchUtil.cpp.o
COMPILING CactusUtils/Formaline/src/senddata.cc
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/senddata.cc: In function 'int Formaline::SendData(std::string, int, std::string)':
/home/anisha/Cactus/Cactus/configs/sim/build/Formaline/senddata.cc:140:9: warning: ignoring return value of 'int system(const char*)' declared with attribute 'warn_unused_result' [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-Wunused-result[8];
  140 |         system(chmod);
      |         ~~~~~^~~~~~
[ 72%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_FluxRegister.cpp.o
COMPILING CactusUtils/Formaline/src/storage.cc
COMPILING CactusUtils/Formaline/src/thornlist.cc

```

```
COMPILING configs/sim/bindings/build/Formaline/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Formaline.a
[ 73%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_InterpBase.cpp.o
[ 74%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_MFInterpolator.cpp.o
Checking status of thorn GRHayLHD
COMPILING GRHayLET/GRHayLHD/src/compute_metric_derivs.c
[ 75%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_Interpolator.cpp.o
COMPILING GRHayLET/GRHayLHD/src/compute_Tmunu.c
COMPILING GRHayLET/GRHayLHD/src/convert_HydroBase_to_GRHayLHD.c
COMPILING GRHayLET/GRHayLHD/src/convert_GRHayLHD_to_HydroBase.c
COMPILING GRHayLET/GRHayLHD/src/InitSymBound.c
COMPILING GRHayLET/GRHayLHD/src/interpolate_metric_to_face.c
COMPILING GRHayLET/GRHayLHD/src/MoL_registration.c
COMPILING GRHayLET/GRHayLHD/src/Hybrid/conservs_to_prims.c
COMPILING GRHayLET/GRHayLHD/src/Hybrid/evaluate_fluxes_rhs.c
COMPILING GRHayLET/GRHayLHD/src/Hybrid/evaluate_sources_rhs.c
COMPILING GRHayLET/GRHayLHD/src/Hybrid/outer_boundaries.c
COMPILING GRHayLET/GRHayLHD/src/Hybrid/perturb_conservatives.c
COMPILING GRHayLET/GRHayLHD/src/Hybrid/perturb_primitives.c
COMPILING GRHayLET/GRHayLHD/src/Hybrid/prims_to_conservs.c
COMPILING GRHayLET/GRHayLHD/src/HybridEntropy/conservs_to_prims.c
COMPILING GRHayLET/GRHayLHD/src/HybridEntropy/evaluate_fluxes_rhs.c
COMPILING GRHayLET/GRHayLHD/src/HybridEntropy/evaluate_sources_rhs.c
COMPILING GRHayLET/GRHayLHD/src/HybridEntropy/outer_boundaries.c
COMPILING GRHayLET/GRHayLHD/src/HybridEntropy/perturb_conservatives.c
COMPILING GRHayLET/GRHayLHD/src/HybridEntropy/perturb_primitives.c
COMPILING GRHayLET/GRHayLHD/src/HybridEntropy/prims_to_conservs.c
COMPILING GRHayLET/GRHayLHD/src/Tabulated/conservs_to_prims.c
COMPILING GRHayLET/GRHayLHD/src/Tabulated/evaluate_fluxes_rhs.c
COMPILING GRHayLET/GRHayLHD/src/Tabulated/evaluate_sources_rhs.c
COMPILING GRHayLET/GRHayLHD/src/Tabulated/outer_boundaries.c
COMPILING GRHayLET/GRHayLHD/src/Tabulated/perturb_conservatives.c
COMPILING GRHayLET/GRHayLHD/src/Tabulated/perturb_primitives.c
COMPILING GRHayLET/GRHayLHD/src/Tabulated/prims_to_conservs.c
COMPILING GRHayLET/GRHayLHD/src/TabulatedEntropy/conservs_to_prims.c
COMPILING GRHayLET/GRHayLHD/src/TabulatedEntropy/evaluate_fluxes_rhs.c
COMPILING GRHayLET/GRHayLHD/src/TabulatedEntropy/evaluate_sources_rhs.c
COMPILING GRHayLET/GRHayLHD/src/TabulatedEntropy/outer_boundaries.c
COMPILING GRHayLET/GRHayLHD/src/TabulatedEntropy/perturb_conservatives.c
COMPILING GRHayLET/GRHayLHD/src/TabulatedEntropy/perturb_primitives.c
COMPILING GRHayLET/GRHayLHD/src/TabulatedEntropy/prims_to_conservs.c
COMPILING configs/sim/bindings/build/GRHayLHD/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GRHayLHD.a
[ 76%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_TagBox.cpp.o
Checking status of thorn GRHayLID
COMPILING GRHayLET/GRHayLID/src/1D_tests_hydro_data.c
COMPILING GRHayLET/GRHayLID/src/1D_tests_magnetic_data.c
COMPILING GRHayLET/GRHayLID/src/BetaEquilibrium.c
COMPILING GRHayLET/GRHayLID/src/ComputeEntropy.c
COMPILING GRHayLET/GRHayLID/src/ConstantDensitySphere.c
COMPILING GRHayLET/GRHayLID/src/IsotropicGas.c
COMPILING configs/sim/bindings/build/GRHayLID/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GRHayLID.a
Checking status of thorn GRHayLib
COMPILING GRHayL/GRHayLib/src/initialize_and_shutdown.c
COMPILING GRHayL/GRHayLib/src/Atmosphere/set_prims_to_constant_atm.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/apply_conservative_limits.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/compute_conservs.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/compute_conservs_and_Tmunu.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/con2prim_multi_method.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/enforce_primitive_limits_and_compute_u0.c
```

```
COMPILING GRHayL/GRHayLib/src/Con2Prim/guess_primitives.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/initialize_diagnostics.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/limit_utilde_and_compute_v.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/undensitize_conservatives.c
[ 76%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_AmrMesh.cpp.o
COMPILING GRHayL/GRHayLib/src/Con2Prim/get_con2prim_routine_name.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/brent.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Font1D/hybrid_Font1D.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Font1D/hybrid_Font1D_loop.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/finalize_Noble.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/general_newton_raphson.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/initialize_Noble.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/validate_x.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/Noble1D/func_rho.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/Noble1D/func_Z.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/Noble1D/func_1D.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/Noble1D/hybrid_Noble1D.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/Noble1D/hybrid_Noble1D_entrop
y.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/Noble2D/func_2D.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Noble/Noble2D/hybrid_Noble2D.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Palenzuela1D/hybrid_Palenzuela1D.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Palenzuela1D/hybrid_Palenzuela1D_ene
rgy.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Hybrid/Palenzuela1D/hybrid_Palenzuela1D_ent
ropy.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Tabulated/Newman1D/tabulated_Newman1D_energ
y.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Tabulated/Newman1D/tabulated_Newman1D_entro
py.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Tabulated/Palenzuela1D/tabulated_Palenzuela
1D.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Tabulated/Palenzuela1D/tabulated_Palenzuela
1D_energy.c
COMPILING GRHayL/GRHayLib/src/Con2Prim/Tabulated/Palenzuela1D/tabulated_Palenzuela
1D_entropy.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_compute_entropy_function.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_compute_P_cold_and_eps_cold.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_compute_P_cold.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_find_polytropic_index.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_get_K_and_gamma.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_hybrid_compute_enthalpy_and_cs2.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_hybrid_compute_epsilon.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_initialize_hybrid_functions.c
COMPILING GRHayL/GRHayLib/src/EOS/Hybrid/NRPyEOS_set_K_ppoly_and_eps_integ_consts.
c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/NRPyEOS_enforce_table_bounds.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/NRPyEOS_free_memory.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/NRPyEOS_initialize_tabulated_function
s.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/NRPyEOS_read_table_set_EOS_params.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/NRPyEOS_tabulated_compute_enthalpy_and
_cs2.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/NRPyEOS_tabulated_compute_Ye_of_rho_be
q_constant_T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/NRPyEOS_tabulated_get_index.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_eps_from_rho_Ye_
T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_cs2_from_rho_Ye_
T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_eps_and_T_from_r
ho_Ye_P.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_eps_S_and_T_from
_rho_Ye_P.c
```

```
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_from_rho_Ye_aux_
find_T_and_interpolate_n_quantities.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_from_rho_Ye_T_in
terpolate_n_quantities.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_muhat_mue_mup_mu
n_Xn_and_Xp_from_rho_Ye_T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_and_eps_from_r
ho_Ye_T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_T_from_rho_Ye_ep
s.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_and_T_from_rho
_Ye_eps.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_cs2_and_T_from
_rho_Ye_eps.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_eps_cs2_and_T_fr
om_rho_Ye_P.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_and_T_from_rho
_Ye_S.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_eps_and_cs2_fr
om_rho_Ye_T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_eps_and_depsdT
_from_rho_Ye_T.c
[ 77%] Building CXX object Src/CMakeFiles/amrex_3d.dir/AmrCore/AMReX_InterpFaceReg
ister.cpp.o
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_eps_and_S_from
_rho_Ye_T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_eps_and_T_from
_rho_Ye_S.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_eps_muhat_mue_
mup_and_mun_from_rho_Ye_T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_eps_S_and_cs2_
from_rho_Ye_T.c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_from_rho_Ye_T.
c
COMPILING GRHayL/GRHayLib/src/EOS/Tabulated/interpolators/NRPyEOS_P_S_depsdT_and_T
_from_rho_Ye_eps.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/ghl_calculate_characteristic_speed_dirn
0.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/ghl_calculate_characteristic_speed_dirn
1.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/ghl_calculate_characteristic_speed_dirn
2.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/ghl_calculate_source_terms.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/hybrid/ghl_calculate_HLLE_fluxes_dirn0_h
ybrid.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/hybrid/ghl_calculate_HLLE_fluxes_dirn1_h
ybrid.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/hybrid/ghl_calculate_HLLE_fluxes_dirn2_h
ybrid.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/hybrid_entropy/ghl_calculate_HLLE_fluxes
_dirn0_hybrid_entropy.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/hybrid_entropy/ghl_calculate_HLLE_fluxes
_dirn1_hybrid_entropy.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/hybrid_entropy/ghl_calculate_HLLE_fluxes
_dirn2_hybrid_entropy.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/tabulated/ghl_calculate_HLLE_fluxes_dirn
0_tabulated.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/tabulated/ghl_calculate_HLLE_fluxes_dirn
1_tabulated.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/tabulated/ghl_calculate_HLLE_fluxes_dirn
2_tabulated.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/tabulated_entropy/ghl_calculate_HLLE_flu
xes_dirn0_tabulated_entropy.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/tabulated_entropy/ghl_calculate_HLLE_flu
```

```
xes_dirn1_tabulated_entropy.c
COMPILING GRHayL/GRHayLib/src/Flux_Source/tabulated_entropy/ghl_calculate_HLLE_flu
xes_dirn2_tabulated_entropy.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/compute_ADM_auxiliaries.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/compute_smallb_and_b2.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/compute_TDNmunu.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/compute_TUPmunu.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/enforce_detgij_and_initialize_ADM_metri
c.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/info_warn_error.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/initialize_conservatives.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/initialize_eos.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/initialize_extrinsic_curvature.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/initialize_params.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/initialize_metric.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/initialize_primitives.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/initialize_stress_energy.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/limit_v_and_compute_u0.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/read_error_codes.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/return_conservatives.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/return_primitives.c
COMPILING GRHayL/GRHayLib/src/GRHayL_Core/return_stress_energy.c
COMPILING GRHayL/GRHayLib/src/Induction/calculate_phitilde_rhs.c
COMPILING GRHayL/GRHayLib/src/Induction/HLL_flux_with_B.c
COMPILING GRHayL/GRHayLib/src/Induction/HLL_flux_with_Btilde.c
COMPILING GRHayL/GRHayLib/src/Induction/Interpolators/interpolate_helper.c
COMPILING GRHayL/GRHayLib/src/Induction/Interpolators/interpolate_with_cell_center
ed_ADM.c
COMPILING GRHayL/GRHayLib/src/Induction/Interpolators/interpolate_with_cell_center
ed_BSSN.c
COMPILING GRHayL/GRHayLib/src/Induction/Interpolators/interpolate_with_vertex_cent
ered_ADM.c
COMPILING GRHayL/GRHayLib/src/Neutrinos/NRPyLeakage/NRPyLeakage_compute_neutrino_1
uminosities.c
COMPILING GRHayL/GRHayLib/src/Neutrinos/NRPyLeakage/NRPyLeakage_compute_neutrino_o
pacities_and_GRMHD_source_terms.c
COMPILING GRHayL/GRHayLib/src/Neutrinos/NRPyLeakage/NRPyLeakage_compute_neutrino_o
pacities.c
COMPILING GRHayL/GRHayLib/src/Neutrinos/NRPyLeakage/NRPyLeakage_Fermi_Dirac_integr
als.c
COMPILING GRHayL/GRHayLib/src/Neutrinos/NRPyLeakage/NRPyLeakage_optical_depths_Pat
hofLeastResistance.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/shock_detection_ftilde.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/ppm_compute_ftilde.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/ppm_compute_for_cell.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/ppm_reconstruction.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/ppm_compute_for_cell_with_steepe
ning.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/ppm_reconstruction_with_steepe
ning.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/slope_limit.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PPM/steepe_rhor_rhol.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PLM/minmod.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PLM/maxmod.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PLM/minmod_reconstruction.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PLM/mc_reconstruction.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/PLM/superbee_reconstruction.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/WENOZ/wenoz_reconstruction.c
COMPILING GRHayL/GRHayLib/src/Reconstruction/WENOZ/wenoz_reconstruction_right_left
_faces.c
COMPILING configs/sim/bindings/build/GRHayLib/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GRHayLib.a
[ 78%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Amr/AMReX_Amr.cpp.o
Checking status of thorn GRHydro_InitData
```

```
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_C2P2C.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_C2P2CM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_Con2Prim.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_ReconstructTest.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_ShockTube.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_ShockTubeM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_Only_Atmo.F90
[ 79%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Amr/AMReX_AmrLevel.cpp.o
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_ReadConformalData.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_SimpleWave.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/CheckParam.c
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_P2C2P.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_P2C2PM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_P2C2PM_polytype.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_MonopoleM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_CylindricalExplosionM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_RotorM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_AdvectedLoopM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_AlfvenWaveM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_Bondi.c
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_BondiM.c
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_PoloidalMagFieldM.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_Bondi_new.F90
COMPILING EinsteinEvolve/GRHydro_InitData/src/GRHydro_BondiM_new.F90
COMPILING configs/sim/bindings/build/GRHydro_InitData/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GRHydro_InitData.a
[ 80%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Amr/AMReX_Derive.cpp.o
[ 80%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Amr/AMReX_StateData.cpp.o
[ 81%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Amr/AMReX_StateDescriptor.cpp.o
[ 82%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Amr/AMReX_AuxBoundaryData.cpp.o
[ 83%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Amr/AMReX_Extrapolater.cpp.o
[ 84%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_MLMG.cpp.o
[ 85%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_MLNodeLinOp.cpp.o
Checking status of thorn GiRaFFeFood
COMPILING WVUThorns/GiRaFFeFood/src/CheckParameters.cc
COMPILING WVUThorns/GiRaFFeFood/src/FastWave.cc
COMPILING WVUThorns/GiRaFFeFood/src/AlfvenWave.cc
COMPILING WVUThorns/GiRaFFeFood/src/DegenAlfvenWave.cc
COMPILING WVUThorns/GiRaFFeFood/src/ThreeAlfvenWave.cc
COMPILING WVUThorns/GiRaFFeFood/src/FFEBreakdown.cc
COMPILING WVUThorns/GiRaFFeFood/src/SplitMonopole.cc
COMPILING WVUThorns/GiRaFFeFood/src/ExactWald.cc
COMPILING WVUThorns/GiRaFFeFood/src/MagnetoWald.cc
COMPILING WVUThorns/GiRaFFeFood/src/AlignedRotator.cc
COMPILING WVUThorns/GiRaFFeFood/src/Set_HydroBase_to_Zero.cc
COMPILING configs/sim/bindings/build/GiRaFFeFood/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GiRaFFeFood.a
Checking status of thorn HTTPD
COMPILING CactusConnect/HTTPD/src/Startup.c
COMPILING CactusConnect/HTTPD/src/Expression.c
COMPILING CactusConnect/HTTPD/src/Map.c
COMPILING CactusConnect/HTTPD/src/Server.c
COMPILING CactusConnect/HTTPD/src/Sockets.c
COMPILING CactusConnect/HTTPD/src/http.c
COMPILING CactusConnect/HTTPD/src/Content.c
COMPILING CactusConnect/HTTPD/src/Headers.c
COMPILING CactusConnect/HTTPD/src/Groups.c
COMPILING CactusConnect/HTTPD/src/Parameters.c
COMPILING CactusConnect/HTTPD/src/Thorns.c
```

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COMPILING CactusConnect/HTTPD/src/Steer.c
COMPILING CactusConnect/HTTPD/src/Authorisation.c
COMPILING CactusConnect/HTTPD/src/base64.c
COMPILING CactusConnect/HTTPD/src/Cookies.c
COMPILING CactusConnect/HTTPD/src/Redirect.c
COMPILING CactusConnect/HTTPD/src/SString.c
COMPILING CactusConnect/HTTPD/src/SStringHTML.c
COMPILING configs/sim/bindings/build/HTTPD/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_HTTPD.a
Checking status of thorn Hydro_RNSID
COMPILING EinsteinInitialData/Hydro_RNSID/src/rnsid_rfr.c
COMPILING EinsteinInitialData/Hydro_RNSID/src/rnsid.c
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c: In function 'Hydro_rnsid':
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:232:19: warning:
passing argument 1 of 'load_eos' discards 'const' qualifier from pointer target type
pe [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarded-
qualifiers-Wdiscarded-qualifiers[8];;[
232 |         load_eos( eos_file, log_e_tab, log_p_tab, log_h_tab, log_n0_tab, &
n_tab );
|
|
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rns
id.c:26:
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/includ
e/equil.h:5:21: note: expected 'char *' but argument is of type 'const char *'
5 | void load_eos( char eos_file[],
|
|
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:309:20: warning:
passing argument 6 of 'make_center' discards 'const' qualifier from pointer target
type [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarde
d-qualifiers-Wdiscarded-qualifiers[8];;[
309 |         eos_type, eos_k, eos_ideal_fluid_gamma, &p_center, &h_ce
nter);
|
|
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/includ
e/equil.h:52:23: note: expected 'char *' but argument is of type 'const char *'
52 |         char eos_type[],
|
|
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:353:40: warning:
passing argument 3 of 'hdf5_read_var' discards 'const' qualifier from pointer targ
et type [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdisca
rded-qualifiers-Wdiscarded-qualifiers[8];;[
353 |         hdf5_read_var(&sdiv, &mdiv, model2D_file,
|
|
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rns
id.c:30:
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/includ
e/hdf5_save.h:33:25: note: expected 'char *' but argument is of type 'const char
*'
33 |         char fname[],
|
|
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:354:28: warning:
passing argument 4 of 'hdf5_read_var' discards 'const' qualifier from pointer targ
et type [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdisca
rded-qualifiers-Wdiscarded-qualifiers[8];;[
354 |         eos_type, eos_file, &eos_k, &eos_ideal_fluid_gamm
a, rotation_type,
|
|
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/includ
e/hdf5_save.h:35:25: note: expected 'char *' but argument is of type 'const char
*'
35 |         char eos_type[],
|
|
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:354:37: warning:

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passing argument 5 of 'hdf5_read_var' discards 'const' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-Wdiscarded-qualifiers[8];[8]
354 |         eos_type, eos_file, &eos_k, &eos_ideal_fluid_gamma, rotation_type,
    |                                     ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:36:25: note: expected 'char *' but argument is of type 'const char *'
36 |         char eos_file[],
    |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:354:76: warning: passing argument 8 of 'hdf5_read_var' discards 'const' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-Wdiscarded-qualifiers[8];[8]
354 |         eos_type, eos_file, &eos_k, &eos_ideal_fluid_gamma, rotation_type,
    |                                     ^~~~~~
^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:40:27: note: expected 'char *' but argument is of type 'const char *'
40 |         char rotation_type[],
    |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:355:28: warning: passing argument 9 of 'hdf5_read_var' discards 'const' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-Wdiscarded-qualifiers[8];[8]
355 |         &A_diff, &axes_ratio, &rho0_center, &r_e,
    |                                     ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:41:28: note: expected 'double *' but argument is of type 'const CTK_REAL8 *' {aka 'const double *'}
41 |         double *A_diff,
    |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:355:36: warning: passing argument 10 of 'hdf5_read_var' discards 'const' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-Wdiscarded-qualifiers[8];[8]
355 |         &A_diff, &axes_ratio, &rho0_center, &r_e,
    |                                     ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:43:28: note: expected 'double *' but argument is of type 'const CTK_REAL8 *' {aka 'const double *'}
43 |         double *r_ratio,
    |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:362:24: warning: passing argument 2 of 'guess' discards 'const' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-Wdiscarded-qualifiers[8];[8]
362 |         guess( s_gp, eos_type, eos_k, e_center, p_center, p_surface, e_surface,
    |                                     ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/equil.h:136:19: note: expected 'char *' but argument is of type 'const char *'
136 |         char eos_type[],
    |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:384:34: warning: passing argument 3 of 'iterate' discards 'const' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-Wdiscarded-qualifiers[8];[8]
384 |         iterate( s_gp, mu, eos_type, eos_k, log_e_tab, log_p_tab, log_h_tab,
    |                                     ^~~~~~

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/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/equil.h:155:21: note: expected 'char *' but argument is of type 'const char *'
155 |         char eos_type[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:388:24: warning:
passing argument 27 of 'iterate' discards 'const' qualifier from pointer target type
[8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarded-
qualifiers-Wdiscarded-qualifiers[8];;[
388 |         rotation_type, A_diff, &Omega_e, Omega_diff, RNS_lm
ax);
      |         ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/equil.h:179:21: note: expected 'char *' but argument is of type 'const char *'
179 |         char rotation_type[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:393:30: warning:
passing argument 3 of 'iterate' discards 'const' qualifier from pointer target type
[8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarded-q
ualifiers-Wdiscarded-qualifiers[8];;[
393 |         iterate( s_gp, mu, eos_type, eos_k, log_e_tab, log_p_tab, log_h_
tab,
      |         ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/equil.h:155:21: note: expected 'char *' but argument is of type 'const char *'
155 |         char eos_type[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:397:20: warning:
passing argument 27 of 'iterate' discards 'const' qualifier from pointer target type
[8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarded-
qualifiers-Wdiscarded-qualifiers[8];;[
397 |         rotation_type, A_diff, &Omega_e, Omega_diff, RNS_lmax);
      |         ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/equil.h:179:21: note: expected 'char *' but argument is of type 'const char *'
179 |         char rotation_type[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:409:37: warning:
passing argument 3 of 'hdf5_save_var' discards 'const' qualifier from pointer targ
et type [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdisca
rded-qualifiers-Wdiscarded-qualifiers[8];;[
409 |         hdf5_save_var(&sdiv, &mdiv, model2D_file,
      |         ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:3:25: note: expected 'char *' but argument is of type 'const char *'
3 |         char fname[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:410:25: warning:
passing argument 4 of 'hdf5_save_var' discards 'const' qualifier from pointer targ
et type [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdisca
rded-qualifiers-Wdiscarded-qualifiers[8];;[
410 |         eos_type, eos_file, &eos_k, &eos_ideal_fluid_gamma, ro
tation_type,
      |         ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:5:25: note: expected 'char *' but argument is of type 'const char *'
5 |         char eos_type[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:410:34: warning:
passing argument 5 of 'hdf5_save_var' discards 'const' qualifier from pointer targ
et type [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdisca
rded-qualifiers-Wdiscarded-qualifiers[8];;[
410 |         eos_type, eos_file, &eos_k, &eos_ideal_fluid_gamma, ro
tation_type,
      |         ^~~~~~

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/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:6:25: note: expected 'char *' but argument is of type 'const char *'
  6 |         char eos_file[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:410:73: warning:
passing argument 8 of 'hdf5_save_var' discards 'const' qualifier from pointer target type [8]; https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-wdiscarded-qualifiers[8]; [8]
 410 |         eos_type, eos_file, &eos_k, &eos_ideal_fluid_gamma, rotation_type,
      |                                     ^~
~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:10:27: note: expected 'char *' but argument is of type 'const char *'
 10 |         char rotation_type[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:411:25: warning:
passing argument 9 of 'hdf5_save_var' discards 'const' qualifier from pointer target type [9]; https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-wdiscarded-qualifiers[9]; [9]
 411 |         &A_diff, &axes_ratio, &rho_center, &r_e,
      |         ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:11:28: note: expected 'double *' but argument is of type 'const CTK_REAL8 *' {aka 'const double *'}
 11 |         double *A_diff,
      |         ~~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:411:33: warning:
passing argument 10 of 'hdf5_save_var' discards 'const' qualifier from pointer target type [10]; https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-wdiscarded-qualifiers[10]; [10]
 411 |         &A_diff, &axes_ratio, &rho_center, &r_e,
      |         ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/hdf5_save.h:13:28: note: expected 'double *' but argument is of type 'const CTK_REAL8 *' {aka 'const double *'}
 13 |         double *r_ratio,
      |         ~~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:425:58: warning:
passing argument 6 of 'comp_values' discards 'const' qualifier from pointer target type [6]; https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-wdiscarded-qualifiers[6]; [6]
 425 |         comp_values( s_gp, mu, axes_ratio, e_surface, r_e, eos_type, log_e_t
ab,
      |                                     ^~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/equil.h:63:25: note: expected 'char *' but argument is of type 'const char *'
 63 |         char eos_type[],
      |         ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/rnsid.c:428:53: warning:
passing argument 25 of 'comp_values' discards 'const' qualifier from pointer target type [25]; https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-wdiscarded-qualifiers-wdiscarded-qualifiers[25]; [25]
 428 |         &Mass_0, &T, &W, &Omega_K, &R_e, rotation_type, Omega_diff,
      |                                     ^~~~~~
~~~~~
/home/anisha/Cactus/Cactus/arrangements/EinsteinInitialData/Hydro_RNSID/src/include/equil.h:82:25: note: expected 'char *' but argument is of type 'const char *'
 82 |         char rotation_type[],
      |         ~~~~~^~~~~~
COMPILING EinsteinInitialData/Hydro_RNSID/src/rnsid_util.c
COMPILING EinsteinInitialData/Hydro_RNSID/src/hdf5_save.c
COMPILING EinsteinInitialData/Hydro_RNSID/src/equil.c

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/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/equil.c: In function 'load_eos':
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/equil.c:83:5: warning: ignoring return value of 'fscanf' declared with attribute 'warn_unused_result' [W8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-W8;
    83 |         fscanf(f_eos,"%d\n",n_tab);
        |         ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Hydro_RNSID/equil.c:89:8: warning: ignoring return value of 'fscanf' declared with attribute 'warn_unused_result' [W8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wunused-result-W8;
    89 |         fscanf(f_eos,"%lf %lf %lf %lf \n",&rho,&p,&h,&n0) ;
        |         ^~~~~~
COMPILING EinsteinInitialData/Hydro_RNSID/src/equil_util.c
COMPILING configs/sim/bindings/build/Hydro_RNSID/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Hydro_RNSID.a
[ 85%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_MLNodeLaplacian.cpp.o
Checking status of thorn PUGH
COMPILING CactusPUGH/PUGH/src/Startup.c
COMPILING CactusPUGH/PUGH/src/GHExtension.c
COMPILING CactusPUGH/PUGH/src/Overloadables.c
COMPILING CactusPUGH/PUGH/src/PughUtils.c
COMPILING CactusPUGH/PUGH/src/LoadAware.c
COMPILING CactusPUGH/PUGH/src/Evolve.c
COMPILING CactusPUGH/PUGH/src/Comm.c
COMPILING CactusPUGH/PUGH/src/Storage.c
COMPILING CactusPUGH/PUGH/src/SetupPGH.c
COMPILING CactusPUGH/PUGH/src/SetupGroup.c
COMPILING CactusPUGH/PUGH/src/SetupPGV.c
In function 'PUGH_SetupPGExtrasMemory',
    inlined from 'PUGH_SetupPGExtras' at /home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:101:11:
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:646:9: warning: 'free' called on pointer 'this' with nonzero offset 104 [W8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wfree-nonheap-object-Wfree-nonheap-object8;
    646 |         free(this->ownership);
        |         ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c: In function 'PUGH_SetupPGExtras':
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:96:10: note: returned from 'malloc'
    96 |     this = malloc(sizeof(pGExtras));
        |           ^~~~~~
In function 'PUGH_SetupPGExtrasMemory',
    inlined from 'PUGH_SetupPGExtras' at /home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:101:11:
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:647:9: warning: 'free' called on pointer 'this' with nonzero offset 120 [W8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wfree-nonheap-object-Wfree-nonheap-object8;
    647 |         free(this->ghosts);
        |         ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c: In function 'PUGH_SetupPGExtras':
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:96:10: note: returned from 'malloc'
    96 |     this = malloc(sizeof(pGExtras));
        |           ^~~~~~
In function 'PUGH_SetupPGExtrasMemory',
    inlined from 'PUGH_SetupPGExtras' at /home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:101:11:

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/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:648:9: warning: 'free
e' called on pointer 'this' with nonzero offset 136 [8];;https://gcc.gnu.org/onli
nedocs/gcc/Warning-Options.html#index-Wfree-nonheap-object-Wfree-nonheap-object
8;;]
 648 |         free(this->overlap);
      |         ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c: In function 'PUGH_Se
tupPGExtras':
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/SetupPGV.c:96:10: note: returned
from 'malloc'
  96 |     this = malloc(sizeof(pGExtras));
      |           ^~~~~~
COMPILING CactusPUGH/PUGH/src/PostSendGA.c
COMPILING CactusPUGH/PUGH/src/PostReceiveGA.c
COMPILING CactusPUGH/PUGH/src/FinishReceiveGA.c
COMPILING CactusPUGH/PUGH/src/Registration.c
COMPILING CactusPUGH/PUGH/src/P2LMappings.c
COMPILING CactusPUGH/PUGH/src/Topology.c
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/Topology.c: In function 'Traditi
onalTopology':
/home/anisha/Cactus/Cactus/configs/sim/build/PUGH/Topology.c:174:15: warning: argu
ment 1 range [18446744071562067968, 18446744073709551615] exceeds maximum object s
ize 9223372036854775807 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.h
tml#index-Walloc-size-larger-than-Walloc-size-larger-than=8;;]
 174 |     working = calloc(free_dims, sizeof(int));
      |                   ^~~~~~
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/PUGH/Topology.
c:12:
/usr/include/stdlib.h:675:14: note: in a call to allocation function 'calloc' decl
ared here
 675 | extern void *calloc (size_t __nmemb, size_t __size)
      |                   ^~~~~~
COMPILING CactusPUGH/PUGH/src/Vectors.c
COMPILING configs/sim/bindings/build/PUGH/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_PUGH.a
[ 86%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
NodeLaplacian_sync.cpp.o
[ 87%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
NodeLaplacian_sten.cpp.o
Checking status of thorn IllinoisGRMHD
COMPILING GRHayLET/IllinoisGRMHD/src/A_flux_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/A_i_outer_boundaries.c
COMPILING GRHayLET/IllinoisGRMHD/src/compute_B_and_Bstagger_from_A.c
COMPILING GRHayLET/IllinoisGRMHD/src/compute_metric_derivs.c
COMPILING GRHayLET/IllinoisGRMHD/src/compute_Tmunu.c
COMPILING GRHayLET/IllinoisGRMHD/src/convert_HydroBase_to_IllinoisGRMHD.c
COMPILING GRHayLET/IllinoisGRMHD/src/convert_IllinoisGRMHD_to_HydroBase.c
COMPILING GRHayLET/IllinoisGRMHD/src/evaluate_phitilde_and_A_gauge_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/InitSymBound.c
[ 88%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
NodeLaplacian_misc.cpp.o
COMPILING GRHayLET/IllinoisGRMHD/src/interpolate_metric_to_face.c
COMPILING GRHayLET/IllinoisGRMHD/src/MoL_registration.c
COMPILING GRHayLET/IllinoisGRMHD/src/reconstruction_loop.c
COMPILING GRHayLET/IllinoisGRMHD/src/set_gz_symmetries.c
COMPILING GRHayLET/IllinoisGRMHD/src/symmetry_gzs_staggered.c
COMPILING GRHayLET/IllinoisGRMHD/src/backward_compatible_data.c
COMPILING GRHayLET/IllinoisGRMHD/src/backward_compatible_initialize.c
COMPILING GRHayLET/IllinoisGRMHD/src/specify_driver_BCs.c
COMPILING GRHayLET/IllinoisGRMHD/src/sync.c
COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/calculate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/conservs_to_prims.c
COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/evaluate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/evaluate_sources_rhs.c

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COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/hydro_outer_boundaries.c
COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/perturb_conservatives.c
COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/perturb_primitives.c
COMPILING GRHayLET/IllinoisGRMHD/src/Hybrid/prims_to_conservs.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/calculate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/conservs_to_prims.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/evaluate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/evaluate_sources_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/hydro_outer_boundaries.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/perturb_conservatives.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/perturb_primitives.c
COMPILING GRHayLET/IllinoisGRMHD/src/HybridEntropy/prims_to_conservs.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/calculate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/conservs_to_prims.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/evaluate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/evaluate_sources_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/hydro_outer_boundaries.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/perturb_conservatives.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/perturb_primitives.c
COMPILING GRHayLET/IllinoisGRMHD/src/Tabulated/prims_to_conservs.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/calculate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/conservs_to_prims.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/evaluate_fluxes_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/evaluate_sources_rhs.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/hydro_outer_boundaries.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/perturb_conservatives.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/perturb_primitives.c
COMPILING GRHayLET/IllinoisGRMHD/src/TabulatedEntropy/prims_to_conservs.c
COMPILING configs/sim/bindings/build/IllinoisGRMHD/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IllinoisGRMHD.a
[ 89%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
NodeTensorLaplacian.cpp.o
[ 90%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
TensorOp.cpp.o
[ 90%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
TensorOp_grad.cpp.o
Checking status of thorn MemSpeed
COMPILING CactusUtils/MemSpeed/src/memspeed.cc
COMPILING configs/sim/bindings/build/MemSpeed/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_MemSpeed.a
[ 91%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
EBNodeFDLaplacian.cpp.o
Checking status of thorn Multipole
COMPILING EinsteinAnalysis/Multipole/src/interpolate.cc
COMPILING EinsteinAnalysis/Multipole/src/multipole.cc
COMPILING EinsteinAnalysis/Multipole/src/utils.cc
COMPILING EinsteinAnalysis/Multipole/src/sphericalharmonic.cc
COMPILING EinsteinAnalysis/Multipole/src/integrate.cc
COMPILING EinsteinAnalysis/Multipole/src/tests.cc
COMPILING configs/sim/bindings/build/Multipole/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Multipole.a
[ 92%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
NodeABecLaplacian.cpp.o
[ 93%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/MLMG/AMReX_ML
CurlCurl.cpp.o
[ 94%] Building CXX object Src/CMakeFiles/amrex_3d.dir/LinearSolvers/OpenBC/AMReX_
OpenBC.cpp.o
Checking status of thorn NoMPI
COMPILING CactusUtils/NoMPI/src/nompi.c
COMPILING configs/sim/bindings/build/NoMPI/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NoMPI.a
Checking status of thorn NullEvolve
COMPILING PITNullCode/NullEvolve/src/NullEvol_Bdry.F90
COMPILING PITNullCode/NullEvolve/src/NullEvol_cfl_test.F90
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COMPILING PITTNullCode/NullEvolve/src/NullEvol_Evol.F90
[ 95%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Particle/AMReX_TracerPartic
les.cpp.o
COMPILING PITTNullCode/NullEvolve/src/NullEvol_hyper_beta.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_Mask.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_hyper_q.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_hyper_w.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_sYlm.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_Pulse.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_TimeStep.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_DissipMask.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_DiagMod.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_hyper_u.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_InitialData.F90
COMPILING PITTNullCode/NullEvolve/src/NullEvol_Step.F90
[ 95%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Particle/AMReX_ParticleMPIU
til.cpp.o
COMPILING PITTNullCode/NullEvolve/src/NullEvol_InitialSlice.F90
[ 96%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Particle/AMReX_ParticleUti
l.cpp.o
COMPILING PITTNullCode/NullEvolve/src/NullEvol_Diag.F90
COMPILING configs/sim/bindings/build/NullEvolve/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullEvolve.a
Checking status of thorn NullNews
COMPILING PITTNullCode/NullNews/src/NullNews_Bondi.F90
COMPILING PITTNullCode/NullNews/src/NullNews_ScriUtil.F90
COMPILING PITTNullCode/NullNews/src/NullNews_YlmScri.F90
COMPILING PITTNullCode/NullNews/src/NullNews_interp_to_constant_uBondi.cc
[ 97%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Particle/AMReX_ParticleBuff
erMap.cpp.o
COMPILING PITTNullCode/NullNews/src/NullNews_Omega.F90
[ 98%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Particle/AMReX_ParticleComm
unication.cpp.o
COMPILING PITTNullCode/NullNews/src/NullNews_CalcPsi4.F90
[ 99%] Building CXX object Src/CMakeFiles/amrex_3d.dir/Particle/AMReX_ParticleCont
ainerBase.cpp.o
[100%] Linking CXX static library libamrex_3d.a
[100%] Built target amrex_3d
AMReX: Installing...
COMPILING PITTNullCode/NullNews/src/NullNews_Init.F90
[100%] Built target amrex_3d
Install the project...
-- Install configuration: "Release"
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Config_3D.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Config.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Version.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXConfig.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXConfigVersion.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/l
ibamrex_3d.a
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ccse-mpi.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Math.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Algorithm.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Any.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
```

```
de/AMReX_Array.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BlockMutex.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Enum.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuComplex.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Vector.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_TableData.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Tuple.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Typelist.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Demangle.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Exception.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Extension.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_PODVector.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParmParse.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Functional.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Stack.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_String.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Utility.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FileSystem.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_VallocPair.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Reduce.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Scan.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Partition.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Morton.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Random.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_RandomEngine.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BLassert.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ArrayLim.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_REAL.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_INT.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_CONSTANTS.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_SPACE.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
```

```
de/AMReX_DistributionMapping.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParallelDescriptor.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_OpenMP.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParallelReduce.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ForkJoin.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParallelContext.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_VisMFBuffer.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_VisMF.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AsyncOut.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BackgroundThread.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Arena.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BArena.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_CArena.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_PArena.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_DataAllocator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BLProfiler.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BLBackTrace.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BLFort.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NFiles.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_parstream.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ANSIEscCode.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabConv.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FPC.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_VectorIO.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Print.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IntConv.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IOFormat.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Box.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BoxIterator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Dim3.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IntVect.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IndexType.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
```



```
de/AMReX_Loop.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Loop.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Orientation.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Periodicity.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_RealBox.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_RealVect.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BoxList.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BoxArray.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BoxDomain.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FArrayBox.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IArrayBox.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BaseFab.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Array4.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MakeType.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_TypeTraits.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabDataType.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabFactory.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BaseFabUtility.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MultiFab.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFCopyDescriptor.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_iMultiFab.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabArrayBase.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFIter.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabArray.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FACopyDescriptor.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabArrayCommI.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FBI.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_PCI.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabArrayUtility.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_LayoutData.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_CoordSys.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_COORDSYS_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
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de/AMReX_COORDSYS_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Geometry.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MultiFabUtil.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MultiFabUtilI.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MultiFabUtil_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MultiFabUtil_nd_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MultiFabUtil_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BCRec.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_PhysBCFunct.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BCUtil.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BC_TYPES.H
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de/AMReX_FilCC_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FilCC_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FilFC_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FilFC_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FilND_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NonLocalBC.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NonLocalBCImpl.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_PlotFileUtil.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_PlotFileDataImpl.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FEIntegrator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IntegratorBase.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_RKIntegrator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_TimeIntegrator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_RungeKutta.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Gpu.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuQualifiers.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuKernelInfo.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuPrint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuAssert.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuTypes.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuControl.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
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de/AMReX_GpuLaunch.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunch.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunchGlobal.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunchMacrosG.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunchMacrosG.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunchMacrosC.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunchMacrosC.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunchFuncsG.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuLaunchFuncsC.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuError.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuDevice.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuBuffer.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuAtomic.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuUtility.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuAsyncArray.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuElixir.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuMemory.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuRange.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuReduce.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuAllocators.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GpuContainers.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFParallelFor.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFParallelForC.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFParallelForG.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_TagParallelFor.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_CTOPParallelForImpl.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParReduce.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_CudaGraph.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Machine.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MemPool.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Parser.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Parser_Exe.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
```

```
de/AMReX_Parser_Y.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/amrex_parser.lex.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/amrex_parser.tab.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IParser.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IParser_Exe.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_IParser_Y.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/amrex_iparser.lex.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/amrex_iparser.tab.nolint.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_LUSolver.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Slopes_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BaseFwd.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MPMD.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FabSet.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BndryRegister.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Mask.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MultiMask.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BndryData.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BoundCond.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_InterpBndryData.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_LO_BCTYPES.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_InterpBndryData_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_InterpBndryData_3D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_LOUtil_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_YAFluxRegister.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_YAFluxRegister_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_YAFluxRegister_3D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BoundaryFwd.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_EdgeFluxRegister.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AmrCore.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Cluster.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ErrorList.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FillPatchUtil.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
```

```
de/AMReX_FillPatchUtil_I.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FillPatcher.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FluxRegister.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_InterpBase.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFInterpolator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Interpolator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_TagBox.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AmrMesh.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FluxReg_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_FluxReg_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Interp_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Interp_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFInterp_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MFInterp_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_InterpFaceRegister.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_InterpFaceReg_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_InterpFaceReg_3D_C.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AmrCoreFwd.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AmrParGDB.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AmrParticles.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_LevelBld.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Amr.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AmrLevel.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Derive.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_StateData.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_PROB_AMR_F.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_StateDescriptor.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AuxBoundaryData.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Extrapolater.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_extrapolater_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_extrapolater_3D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_AmrFwd.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
```



```
de/AMReX_MLEBNodeFDLap_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLEBNodeFDLap_3D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLNodeABecLaplacian.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLNodeABecLap_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLNodeABecLap_3D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GMRES.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_GMRES_MLMG.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLMG_2D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLPoisson_2D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLALap_2D_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLCurlCurl.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_MLCurlCurl_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_OpenBC.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_OpenBC_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Particles.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleContainer.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_SparseBins.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParGDB.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Particle_mod_K.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_TracerParticles.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NeighborParticles.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NeighborParticlesI.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NeighborList.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_Particle.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleInit.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleContainerI.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParIter.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleMPIUtil.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleUtil.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_StructOfArrays.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ArrayOfStructs.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleTile.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
```

```
de/AMReX_MakeParticle.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NeighborParticlesCPUImpl.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_NeighborParticlesGPUImpl.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleBufferMap.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleCommunication.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleInterpolators.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleReduce.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleMesh.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleLocator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleIO.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_DenseBins.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_BinIterator.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleTransformation.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_WriteBinaryParticleData.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleContainerBase.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/inclu
de/AMReX_ParticleArray.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXTargets.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXTargets-release.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts/gatherbuilddtime.py
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts/describe_sources.py
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts/mkdep
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts/AMReX_buildInfo.H
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts/strip72
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts/mmclt.py
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/C_scripts/makebuildinfo_C.py
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/typechecker
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/shar
e/amrex/typechecker/typechecker.py
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXCMakeModules
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXCMakeModules/AMReXTargetHelpers.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXCMakeModules/FindPETSc.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXCMakeModules/AMReXParallelBackends.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
```



```
make/AMReX/AMReXMakeModules/AMReXThirdPartyLibraries.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReX_SetupCUDA.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReX_Config.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXGenexHelpers.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXOptions.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXUtils.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/FindHYPRE.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXConfig.cmake.in
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXSetDefines.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXSYCL.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXGenerateConfigHeader.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXBuildInfo.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReX_ThirdPartyProfilers.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXClangTidy.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXInstallHelpers.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReX_buildInfo.cpp.in
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXTypecheck.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReX_Config.H.in
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReX_Version.H.in
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXCUDAOptions.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReX_Config_ND.H.in
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/AMReX/lib/c
make/AMReX/AMReXMakeModules/AMReXFlagsTargets.cmake
~/Cactus/Cactus/configs/sim/scratch
AMReX: Cleaning up...
AMReX: Done.
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_AMReX.a
COMPILING configs/sim/bindings/build/NullNews/cctk_ThornBindings.c
COMPILING PITTNullCode/NullNews/src/NullNews_ScriVals.F90
COMPILING PITTNullCode/NullNews/src/NullNews_SphHarmDecomp.F90
Checking status of thorn NullSHRExtract
COMPILING PITTNullCode/NullNews/src/NullNews_GetNews.F90
COMPILING PITTNullCode/NullSHRExtract/src/NullSHRE_AnaSchMetricRecon.F90
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullNews.a
COMPILING PITTNullCode/NullSHRExtract/src/NullSHRE_modGFdef.F90
COMPILING PITTNullCode/NullSHRExtract/src/NullSHRE_FullMetricRecon.F90
Checking status of thorn PUGHInterp
COMPILING PITTNullCode/NullSHRExtract/src/NullSHRE_MetricReconPast.F90
COMPILING CactusPUGH/PUGHInterp/src/Startup.c
COMPILING CactusPUGH/PUGHInterp/src/InterpGridArrays.c
COMPILING configs/sim/bindings/build/PUGHInterp/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_PUGHInterp.a
COMPILING PITTNullCode/NullSHRExtract/src/NullSHRE_ErrorSch.F90
Checking status of thorn PUGHReduce
```

```
COMPILING CactusPUGH/PUGHReduce/src/ReductionAvg.c
COMPILING CactusPUGH/PUGHReduce/src/ReductionCount.c
COMPILING CactusPUGH/PUGHReduce/src/ReductionMax.c
COMPILING CactusPUGH/PUGHReduce/src/ReductionMin.c
COMPILING CactusPUGH/PUGHReduce/src/ReductionNorm1.c
COMPILING CactusPUGH/PUGHReduce/src/ReductionNorm2.c
COMPILING CactusPUGH/PUGHReduce/src/ReductionNorm3.c
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_PreCalcNSYlm.F90
COMPILING CactusPUGH/PUGHReduce/src/ReductionNorm4.c
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modSchClm.F90
COMPILING CactusPUGH/PUGHReduce/src/ReductionNormInf.c
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modsinSchClm.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modvibSchClm.F90
COMPILING CactusPUGH/PUGHReduce/src/ReductionSum.c
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_SchMetricRecon.F90
COMPILING CactusPUGH/PUGHReduce/src/Startup.c
COMPILING CactusPUGH/PUGHReduce/src/Reduction.c
COMPILING CactusPUGH/PUGHReduce/src/ReduceGA.c
COMPILING CactusPUGH/PUGHReduce/src/ReduceArraysGlobally.c
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modSchYlm.F90
COMPILING configs/sim/bindings/build/PUGHReduce/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_PUGHReduce.a
Checking status of thorn PUGHSlab
COMPILING CactusPUGH/PUGHSlab/src/Mapping.c
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_WTSphHarm.F90
COMPILING CactusPUGH/PUGHSlab/src/GetHyperslab.c
COMPILING CactusPUGH/PUGHSlab/src/DatatypeConversion.c
COMPILING configs/sim/bindings/build/PUGHSlab/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_PUGHSlab.a
COMPILING PITTTNullCode/NullSHRExtract/src/wt_SphHarmDecomp.F90
COMPILING configs/sim/bindings/build/NullSHRExtract/cctk_ThornBindings.c
Checking status of thorn Slab
COMPILING CactusNumerical/Slab/src/slab.cc
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modVars.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modAnaCoord.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_mod4Metric.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modInverse.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modNullDir.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modEta.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modRadius.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_modBoundary.F90
COMPILING configs/sim/bindings/build/Slab/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Slab.a
Checking status of thorn QuasiLocalMeasures
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_Pointing.F90
<stdin>:96:2: warning: #warning "TODO: Ensure that the surface parameters don't change" [W8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp8;]
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_boundary.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_derivs.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_variables.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_SchReadClm.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_SchPreCalc.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_ExtractWT.F90
COMPILING PITTTNullCode/NullSHRExtract/src/NullSHRE_InitialWT.F90
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullSHRExtract.a
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_broadcast.c
Checking status of thorn RotatingSymmetry180
COMPILING CactusNumerical/RotatingSymmetry180/src/interpolate.c
COMPILING CactusNumerical/RotatingSymmetry180/src/rotatingsymmetry180.c
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_coordinates.F90
COMPILING CactusNumerical/RotatingSymmetry180/src/registersymmetry.c
COMPILING configs/sim/bindings/build/RotatingSymmetry180/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_RotatingSymmetry180.a
```

```

COMPILING configs/sim/bindings/build/QuasiLocalMeasures/cctk_ThornBindings.c
Checking status of thorn RotatingSymmetry90
COMPILING CactusNumerical/RotatingSymmetry90/src/interpolate.c
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_gram_schmidt.F90
<stdin>:96:2: warning: #warning "TODO: Ensure that the surface parameters don't change" [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp-Wpp
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_import_surface.F90
COMPILING CactusNumerical/RotatingSymmetry90/src/rotatingsymmetry90.c
/home/anisha/Cactus/Cactus/configs/sim/build/RotatingSymmetry90/rotatingsymmetry90.c: In function 'BndRot90VI':
/home/anisha/Cactus/Cactus/configs/sim/build/RotatingSymmetry90/rotatingsymmetry90.c:655:30: warning: passing argument 1 of 'free' discards 'restrict' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarded-qualifiers-Wdiscarded-qualifiers
    655 |         free (slab_setups[s]);
        |                ~~~~~^~~~~
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/RotatingSymmetry90/rotatingsymmetry90.c:14:
/usr/include/stdlib.h:687:25: note: expected 'void *' but argument is of type 'struct slabsetup * restrict*'
    687 | extern void free (void *__ptr) __THROW;
        |                ~~~~~^~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/RotatingSymmetry90/rotatingsymmetry90.c:846:9: warning: passing argument 1 of 'free' discards 'restrict' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarded-qualifiers-Wdiscarded-qualifiers
    846 |         free (varptrs);
        |                ^~~~~~
/usr/include/stdlib.h:687:25: note: expected 'void *' but argument is of type 'void * restrict*'
    687 | extern void free (void *__ptr) __THROW;
        |                ~~~~~^~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/RotatingSymmetry90/rotatingsymmetry90.c:850:9: warning: passing argument 1 of 'free' discards 'restrict' qualifier from pointer target type [8];https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wdiscarded-qualifiers-Wdiscarded-qualifiers
    850 |         free (srcptrs);
        |                ~~~~~^~~~~
/usr/include/stdlib.h:687:25: note: expected 'void *' but argument is of type 'const void * restrict*'
    687 | extern void free (void *__ptr) __THROW;
        |                ~~~~~^~~~~
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_init.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_interpolate.F90
COMPILING CactusNumerical/RotatingSymmetry90/src/registersymmetry.c
COMPILING configs/sim/bindings/build/RotatingSymmetry90/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_RotatingSymmetry90.a
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_killing_axial.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_killing_gradient.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_killing_normalisation.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_killing_test.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_killing_transportation.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_multipoles.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_newman_penrose.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_newman_penrose1.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_output_vtk.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_paramcheck.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_set_coordinates.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_tetrad.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_tetrad1.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_twometric.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_weyl_scalars.F90
Checking status of thorn SphericalHarmonicDecomp

```

```

COMPILING PITTNullCode/SphericalHarmonicDecomp/src/alias.cc
COMPILING PITTNullCode/SphericalHarmonicDecomp/src/decomp.cc
COMPILING PITTNullCode/SphericalHarmonicDecomp/src/matrix.cc
COMPILING PITTNullCode/SphericalHarmonicDecomp/src/sYlm.cc
COMPILING PITTNullCode/SphericalHarmonicDecomp/src/Legendre.cc
COMPILING PITTNullCode/SphericalHarmonicDecomp/src/Chebyshev.cc
COMPILING PITTNullCode/SphericalHarmonicDecomp/src/h5read.cc
COMPILING PITTNullCode/SphericalHarmonicDecomp/src/ExtractMetric.cc
COMPILING configs/sim/bindings/build/SphericalHarmonicDecomp/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SphericalHarmonicDecomp.a
Checking status of thorn SphericalHarmonicRecon
COMPILING PITTNullCode/SphericalHarmonicRecon/src/Chebyshev.cc
COMPILING PITTNullCode/SphericalHarmonicRecon/src/Recon.cc
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_weyl_scalars1.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_3determinant.F90
COMPILING configs/sim/bindings/build/SphericalHarmonicRecon/cctk_ThornBindings.c
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_analyse.F90
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SphericalHarmonicRecon.a
Checking status of thorn SphericalHarmonicReconGen
COMPILING PITTNullCode/SphericalHarmonicReconGen/src/get.cc
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_calculate.F90
COMPILING PITTNullCode/SphericalHarmonicReconGen/src/read.cc
COMPILING PITTNullCode/SphericalHarmonicReconGen/src/startup.cc
COMPILING PITTNullCode/SphericalHarmonicReconGen/src/sph_database.cc
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_killing_normalise.F90
COMPILING EinsteinAnalysis/QuasiLocalMeasures/src/qlm_killing_transport.F90
COMPILING PITTNullCode/SphericalHarmonicReconGen/src/vars.cc
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_QuasiLocalMeasures.a
COMPILING configs/sim/bindings/build/SphericalHarmonicReconGen/cctk_ThornBindings.c
Checking status of thorn SystemTopology
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SphericalHarmonicReconGen.a
COMPILING configs/sim/bindings/build/SystemTopology/cctk_ThornBindings.c
Checking status of thorn TOVola
COMPILING CactusUtils/SystemTopology/src/system_topology.cc
COMPILING GRHayLET/TOVola/src/TOVola_driver.c
COMPILING configs/sim/bindings/build/TOVola/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TOVola.a
Checking status of thorn TestBoundaries
COMPILING CarpetX/TestBoundaries/src/init.cxx
COMPILING configs/sim/bindings/build/TestBoundaries/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestBoundaries.a
Checking status of thorn TimerReport
COMPILING CactusUtils/TimerReport/src/Output.cc
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SystemTopology.a
Checking status of thorn Cactus
COMPILING Cactus/IO/IOMethods.c
COMPILING Cactus/IO/OverloadIO.c
COMPILING Cactus/IO/FortranBindingsIO.c
COMPILING Cactus/comm/CactusSync.c
COMPILING Cactus/comm/CactusDefaultComm.c
COMPILING Cactus/comm/OverloadComm.c
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/Cactus/comm/OverloadComm.c:20:
/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h: In function 'CCTKi_DummyExit':
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:92:10: warning: function declared 'noreturn' has a 'return' statement
    92 |     return 0;
        |           ^
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:84:59: note: in expansion

```

```

of macro ‘__OVERLOADABLE_DUMMY’
 84 | #define __OVERLOADABLE_DUMMY(prefix, dummy_prefix, name)  __OVERLOADABLE_D
UMMY(prefix, dummy_prefix, name)
|
|
|
~~~~
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:83:36: note: in expansion
of macro ‘__OVERLOADABLE_DUMMY’
 83 | #define OVERLOADABLE_DUMMY(name)  __OVERLOADABLE_DUMMY(OVERLOADABLE_PREFI
X, OVERLOADABLE_DUMMY_PREFIX, name)
|
|
|
/home/anisha/Cactus/Cactus/configs/sim/build/Cactus/comm/OverloadComm.c:151:28: no
te: in expansion of macro ‘OVERLOADABLE_DUMMY’
 151 | #define OVERLOADABLE(name)  OVERLOADABLE_DUMMY(name)
|
|
|
/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h:87:1: note: in expansio
n of macro ‘OVERLOADABLE’
 87 |  OVERLOADABLE(Exit)
|
|
|
/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h: In function ‘CCTKi_Dum
myAbort’:
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:92:10: warning: function d
eclared ‘noreturn’ has a ‘return’ statement
 92 |     return 0;
|
|
|
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:84:59: note: in expansion
of macro ‘__OVERLOADABLE_DUMMY’
 84 | #define __OVERLOADABLE_DUMMY(prefix, dummy_prefix, name)  __OVERLOADABLE_D
UMMY(prefix, dummy_prefix, name)
|
|
|
~~~~
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:83:36: note: in expansion
of macro ‘__OVERLOADABLE_DUMMY’
 83 | #define OVERLOADABLE_DUMMY(name)  __OVERLOADABLE_DUMMY(OVERLOADABLE_PREFI
X, OVERLOADABLE_DUMMY_PREFIX, name)
|
|
|
/home/anisha/Cactus/Cactus/configs/sim/build/Cactus/comm/OverloadComm.c:151:28: no
te: in expansion of macro ‘OVERLOADABLE_DUMMY’
 151 | #define OVERLOADABLE(name)  OVERLOADABLE_DUMMY(name)
|
|
|
/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h:88:1: note: in expansio
n of macro ‘OVERLOADABLE’
 88 |  OVERLOADABLE(Abort)
|
|
|
/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h: In function ‘CCTKi_Dum
myExit’:
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:92:10: warning: ‘noreturn’
function does return
 92 |     return 0;
|
|
|
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:84:59: note: in expansion
of macro ‘__OVERLOADABLE_DUMMY’
 84 | #define __OVERLOADABLE_DUMMY(prefix, dummy_prefix, name)  __OVERLOADABLE_D
UMMY(prefix, dummy_prefix, name)
|
|
|
~~~~
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:83:36: note: in expansion
of macro ‘__OVERLOADABLE_DUMMY’
 83 | #define OVERLOADABLE_DUMMY(name)  __OVERLOADABLE_DUMMY(OVERLOADABLE_PREFI
X, OVERLOADABLE_DUMMY_PREFIX, name)
|
|
|
/home/anisha/Cactus/Cactus/configs/sim/build/Cactus/comm/OverloadComm.c:151:28: no
te: in expansion of macro ‘OVERLOADABLE_DUMMY’
 151 | #define OVERLOADABLE(name)  OVERLOADABLE_DUMMY(name)
|
|
|

```

```

/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h:87:1: note: in expansion
of macro 'OVERLOADABLE'
  87 | OVERLOADABLE(Exit)
      | ^~~~~~
/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h: In function 'CCTKi_Dum
myAbort':
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:92:10: warning: 'noreturn'
function does return
  92 | return 0;
      |         ^
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:84:59: note: in expansion
of macro '__OVERLOADABLE_DUMMY'
  84 | #define __OVERLOADABLE_DUMMY(prefix, dummy_prefix, name) __OVERLOADABLE_D
      |                                                             ^~~~~~
__OVERLOADABLE_D
~~~~
/home/anisha/Cactus/Cactus/src/include/OverloadMacros.h:83:36: note: in expansion
of macro '_OVERLOADABLE_DUMMY'
  83 | #define OVERLOADABLE_DUMMY(name) _OVERLOADABLE_DUMMY(OVERLOADABLE_PREFI
      |                                                             ^~~~~~
X, OVERLOADABLE_DUMMY_PREFIX, name)
/home/anisha/Cactus/Cactus/configs/sim/build/Cactus/comm/OverloadComm.c:151:28: no
te: in expansion of macro 'OVERLOADABLE_DUMMY'
  151 | #define OVERLOADABLE(name) OVERLOADABLE_DUMMY(name)
      |                               ^~~~~~
/home/anisha/Cactus/Cactus/src/include/CommOverloadables.h:88:1: note: in expansio
n of macro 'OVERLOADABLE'
  88 | OVERLOADABLE(Abort)
      | ^~~~~~
COMPILING Cactus/comm/Interp.c
COMPILING Cactus/comm/Reduction.c
COMPILING Cactus/util/CactusTimers.c
COMPILING Cactus/util/File.c
COMPILING Cactus/util/ParseFile.c
COMPILING Cactus/util/RegisterKeyedFunction.c
COMPILING Cactus/util/StoreKeyedData.c
COMPILING Cactus/util/StoreNamedData.c
COMPILING configs/sim/bindings/build/TimerReport/cctk_ThornBindings.c
COMPILING Cactus/util/Misc.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TimerReport.a
COMPILING Cactus/util/StoreHandledData.c
COMPILING Cactus/util/SKBinTree.c
COMPILING Cactus/util/Hash.c
COMPILING Cactus/util/Malloc.c
COMPILING Cactus/util/Math.c
COMPILING Cactus/util/String.c
COMPILING Cactus/util/StringList.c
COMPILING Cactus/util/Table.c
COMPILING Cactus/main/ActiveThorns.c
COMPILING Cactus/main/Banner.c
COMPILING Cactus/main/CactusDefaultInitialise.c
COMPILING Cactus/main/CactusDefaultEvolve.c
COMPILING Cactus/util/Time.c
COMPILING Cactus/main/CactusDefaultShutdown.c
COMPILING Cactus/util/Network.c
COMPILING Cactus/main/CactusDefaultMainLoopIndex.c
COMPILING Cactus/main/CallStartupFunctions.c
COMPILING Cactus/util/PointerTo.F90
COMPILING Cactus/main/CommandLine.c
COMPILING Cactus/main/Complex.c
COMPILING Cactus/main/ConfigData.c
COMPILING Cactus/main/Coord.c
COMPILING Cactus/schedule/ScheduleSorter.c
COMPILING Cactus/schedule/ScheduleCreator.c

```

```
COMPILING Cactus/main/DebugDefines.c
COMPILING Cactus/schedule/ScheduleTraverse.c
COMPILING Cactus/main/DefaultTimers.c
COMPILING Cactus/main/Dummies.c
COMPILING Cactus/main/flesh.cc
COMPILING Cactus/main/FortranWrappers.c
COMPILING Cactus/main/GHExtensions.c
COMPILING Cactus/main/Groups.c
COMPILING Cactus/main/GroupsOnGH.c
COMPILING Cactus/piraha/AutoGrammar.cc
COMPILING Cactus/main/InitialiseCactus.c
COMPILING Cactus/main/InitialiseDataStructures.c
COMPILING Cactus/main/MainUtils.c
COMPILING Cactus/main/Names.c
COMPILING Cactus/main/OverloadMain.c
COMPILING Cactus/main/Parameters.c
COMPILING Cactus/main/ProcessCommandLine.c
COMPILING Cactus/main/ProcessEnvironment.c
COMPILING Cactus/main/ProcessParameterDatabase.c
COMPILING Cactus/main/RDWR.cc
COMPILING Cactus/main/ScheduleInterface.c
COMPILING Cactus/main/SetParams.c
COMPILING Cactus/main/ShutdownCactus.c
COMPILING Cactus/main/Subsystems.c
COMPILING Cactus/main/Termination.c
COMPILING Cactus/main/Traverse.c
COMPILING Cactus/main/WarnLevel.c
COMPILING Cactus/piraha/Boundary.cc
COMPILING configs/sim/bindings/build/Cactus/cctk_ThornBindings.c
COMPILING Cactus/piraha/Bracket.cc
COMPILING Cactus/piraha/Call.cc
COMPILING Cactus/piraha/Dot.cc
COMPILING Cactus/piraha/End.cc
COMPILING Cactus/piraha/Grammar.cc
COMPILING Cactus/piraha/Group.cc
COMPILING Cactus/piraha/ILiteral.cc
COMPILING Cactus/piraha/Literal.cc
COMPILING Cactus/piraha/Lookup.cc
COMPILING Cactus/piraha/Matcher.cc
COMPILING Cactus/piraha/Multi.cc
COMPILING Cactus/piraha/NegLookAhead.cc
COMPILING Cactus/piraha/Or.cc
COMPILING Cactus/piraha/ReParse.cc
COMPILING Cactus/piraha/Seq.cc
COMPILING Cactus/piraha/Start.cc
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Cactus.a
Creating Formaline tarball for thorn ADMCoupling
Creating Formaline tarball for thorn ADMDerivatives
Creating Formaline tarball for thorn ADMMacros
Creating Formaline tarball for thorn ADMMass
Creating Formaline tarball for thorn AEILocalInterp
Creating Formaline tarball for thorn AHFinder
Creating Formaline tarball for thorn Arith
Creating Formaline tarball for thorn BLAS
Creating Formaline tarball for thorn Baikal
Creating Formaline tarball for thorn BaikalVacuum
Creating Formaline tarball for thorn Boundary
Creating Formaline tarball for thorn CalcK
Creating Formaline tarball for thorn CarpetProlongateTest
Creating Formaline tarball for thorn CarpetRegridTest
Creating Formaline tarball for thorn CarpetTracker
Creating Formaline tarball for thorn CartGrid3D
Creating Formaline tarball for thorn Cartoon2D
Creating Formaline tarball for thorn Constants
```

Creating Formaline tarball for thorn Convert\_to\_HydroBase  
Creating Formaline tarball for thorn CoordBase  
Creating Formaline tarball for thorn CoordGauge  
Creating Formaline tarball for thorn CoordinatesSymmetry  
Creating Formaline tarball for thorn CycleClock  
Creating Formaline tarball for thorn DemoInterp  
Creating Formaline tarball for thorn Dissipation  
Creating Formaline tarball for thorn DistortedBHIVP  
Creating Formaline tarball for thorn EHFinder  
Creating Formaline tarball for thorn EOS\_Base  
Creating Formaline tarball for thorn EOS\_IdealFluid  
Creating Formaline tarball for thorn EOS\_Polytrope  
Creating Formaline tarball for thorn EinsteinExact\_Test  
Creating Formaline tarball for thorn EllBase  
Creating Formaline tarball for thorn EllSOR  
Creating Formaline tarball for thorn Exact  
Creating Formaline tarball for thorn Extract  
Creating Formaline tarball for thorn FFTW3  
Creating Formaline tarball for thorn FLRWSolver  
Creating Formaline tarball for thorn FishboneMoncriefID  
Creating Formaline tarball for thorn FleshInfo  
Creating Formaline tarball for thorn Fortran  
Creating Formaline tarball for thorn GSL  
Creating Formaline tarball for thorn GaugeWave  
Creating Formaline tarball for thorn GenericFD  
Creating Formaline tarball for thorn GiRaFFE  
Creating Formaline tarball for thorn GiRaFFE\_to\_HydroBase  
Creating Formaline tarball for thorn GlobalDerivative  
Creating Formaline tarball for thorn HelloWorld  
Creating Formaline tarball for thorn HighOrderWaveTest  
Creating Formaline tarball for thorn HydroBase  
Creating Formaline tarball for thorn Hydro\_Analysis  
Creating Formaline tarball for thorn Hydro\_InitExcision  
Creating Formaline tarball for thorn IDAnalyticBH  
Creating Formaline tarball for thorn IDAxiBrillBH  
Creating Formaline tarball for thorn IDAxiOddBrillBH  
Creating Formaline tarball for thorn IDBrillData  
Creating Formaline tarball for thorn IDConstraintViolate  
Creating Formaline tarball for thorn IDFileADM  
Creating Formaline tarball for thorn IDLinearWaves  
Creating Formaline tarball for thorn IDScalarWave  
Creating Formaline tarball for thorn IDScalarWaveC  
Creating Formaline tarball for thorn IDScalarWaveCXX  
Creating Formaline tarball for thorn IDScalarWaveElliptic  
Creating Formaline tarball for thorn IDWaveMoL  
Creating Formaline tarball for thorn ID\_converter\_GiRaFFE  
Creating Formaline tarball for thorn ID\_converter\_ILGRMHD  
Creating Formaline tarball for thorn IOASCII  
Creating Formaline tarball for thorn IOBasic  
Creating Formaline tarball for thorn IOJpeg  
Creating Formaline tarball for thorn IOUtil  
Creating Formaline tarball for thorn InitBase  
Creating Formaline tarball for thorn InterpToArray  
Creating Formaline tarball for thorn KerrSchild  
Creating Formaline tarball for thorn LAPACK  
Creating Formaline tarball for thorn LORENE  
Creating Formaline tarball for thorn LeanBSSNMoL  
Creating Formaline tarball for thorn LlamaWaveToy  
Creating Formaline tarball for thorn LocalInterp  
Creating Formaline tarball for thorn LocalInterp2  
Creating Formaline tarball for thorn LocalReduce  
Creating Formaline tarball for thorn LoopControl  
Creating Formaline tarball for thorn ML\_ADMConstraints  
Creating Formaline tarball for thorn ML\_ADMQuantities



Creating Formaline tarball for thorn ML\_BSSN  
Creating Formaline tarball for thorn ML\_BSSN\_Helper  
Creating Formaline tarball for thorn ML\_BSSN\_Test  
Creating Formaline tarball for thorn ML\_CCZ4  
Creating Formaline tarball for thorn ML\_CCZ4\_Helper  
Creating Formaline tarball for thorn ML\_CCZ4\_Test  
Creating Formaline tarball for thorn ML\_WaveToy  
Creating Formaline tarball for thorn ML\_WaveToy\_Test  
Creating Formaline tarball for thorn Meudon\_Bin\_BH  
Creating Formaline tarball for thorn Meudon\_Bin\_NS  
Creating Formaline tarball for thorn Meudon\_Mag\_NS  
Creating Formaline tarball for thorn Minkowski  
Creating Formaline tarball for thorn MoL  
Creating Formaline tarball for thorn ModifiedSchwarzschildBL  
Creating Formaline tarball for thorn NPScalars  
Creating Formaline tarball for thorn NPScalars\_Proca  
Creating Formaline tarball for thorn NRPyEllipticET  
Creating Formaline tarball for thorn NSIMD  
Creating Formaline tarball for thorn NaN Catcher  
Creating Formaline tarball for thorn NaN Checker  
Creating Formaline tarball for thorn NewRad  
Creating Formaline tarball for thorn Nice  
Creating Formaline tarball for thorn Noise  
Creating Formaline tarball for thorn Norms  
Creating Formaline tarball for thorn NullDecomp  
Creating Formaline tarball for thorn NullGrid  
Creating Formaline tarball for thorn NullInterp  
Creating Formaline tarball for thorn NullVars  
Creating Formaline tarball for thorn OpenSSL  
Creating Formaline tarball for thorn Outflow  
Creating Formaline tarball for thorn ProcaBase  
Creating Formaline tarball for thorn ProcaEvolve  
Creating Formaline tarball for thorn Proca\_simpleID  
Creating Formaline tarball for thorn PunctureTracker  
Creating Formaline tarball for thorn ReductionTest  
Creating Formaline tarball for thorn ReductionTest2  
Creating Formaline tarball for thorn ReductionTest3  
Creating Formaline tarball for thorn ReflectionSymmetry  
Creating Formaline tarball for thorn RegridSyncTest  
Creating Formaline tarball for thorn RotatingDBHIVP  
Creating Formaline tarball for thorn SGRID  
Creating Formaline tarball for thorn SampleBoundary  
Creating Formaline tarball for thorn SampleIO  
Creating Formaline tarball for thorn ScalarBase  
Creating Formaline tarball for thorn ScalarEvolve  
Creating Formaline tarball for thorn ScalarInit  
Creating Formaline tarball for thorn Seed\_Magnetic\_Fields  
Creating Formaline tarball for thorn SetMask\_SphericalSurface  
Creating Formaline tarball for thorn ShiftedGaugeWave  
Creating Formaline tarball for thorn ShiftedKerrSchild  
Creating Formaline tarball for thorn SlabTest  
Creating Formaline tarball for thorn Socket  
Creating Formaline tarball for thorn SpaceMask  
Creating Formaline tarball for thorn SphericalSurface  
Creating Formaline tarball for thorn StaticConformal  
Creating Formaline tarball for thorn SummationByParts  
Creating Formaline tarball for thorn SymBase  
Creating Formaline tarball for thorn SystemStatistics  
Creating Formaline tarball for thorn TATelliptic  
Creating Formaline tarball for thorn TGRtensor  
Creating Formaline tarball for thorn TOVSolver  
Creating Formaline tarball for thorn TensorTypes  
Creating Formaline tarball for thorn TerminationTrigger  
Creating Formaline tarball for thorn TestArrays

Creating Formaline tarball for thorn TestComplex  
Creating Formaline tarball for thorn TestCoordinates  
Creating Formaline tarball for thorn TestFortranCrayPointers  
Creating Formaline tarball for thorn TestFortranDependencies1  
Creating Formaline tarball for thorn TestFortranDependencies2  
Creating Formaline tarball for thorn TestFpointerNULL  
Creating Formaline tarball for thorn TestFreeF90  
Creating Formaline tarball for thorn TestGlobalReduce  
Creating Formaline tarball for thorn TestInclude1  
Creating Formaline tarball for thorn TestInclude2  
Creating Formaline tarball for thorn TestInterpolate  
Creating Formaline tarball for thorn TestLocalInterp2  
Creating Formaline tarball for thorn TestLocalReduce  
Creating Formaline tarball for thorn TestLoop  
Creating Formaline tarball for thorn TestLoopControl  
Creating Formaline tarball for thorn TestMath  
Creating Formaline tarball for thorn TestMoL  
Creating Formaline tarball for thorn TestODESolvers  
Creating Formaline tarball for thorn TestPar  
Creating Formaline tarball for thorn TestReadWrite  
Creating Formaline tarball for thorn TestReduce  
Creating Formaline tarball for thorn TestSchedule  
Creating Formaline tarball for thorn TestStrings  
Creating Formaline tarball for thorn TestTable  
Creating Formaline tarball for thorn TestTimers  
Creating Formaline tarball for thorn TestTypes  
Creating Formaline tarball for thorn Time  
Creating Formaline tarball for thorn TimerInfo  
Creating Formaline tarball for thorn TmunuBase  
Creating Formaline tarball for thorn Trigger  
Creating Formaline tarball for thorn TwoPunctures  
Creating Formaline tarball for thorn TwoPunctures\_BBHSF  
Creating Formaline tarball for thorn TwoPunctures\_KerrProca  
Creating Formaline tarball for thorn Vaidya2  
Creating Formaline tarball for thorn Vectors  
Creating Formaline tarball for thorn VolumeIntegrals\_GRMHD  
Creating Formaline tarball for thorn VolumeIntegrals\_vacuum  
Creating Formaline tarball for thorn WatchDog  
Creating Formaline tarball for thorn WaveBinarySource  
Creating Formaline tarball for thorn WaveMoL  
Creating Formaline tarball for thorn WaveToy1DF77  
Creating Formaline tarball for thorn WaveToy2DF77  
Creating Formaline tarball for thorn WaveToyC  
Creating Formaline tarball for thorn WaveToyCXX  
Creating Formaline tarball for thorn WaveToyExtra  
Creating Formaline tarball for thorn WaveToyF77  
Creating Formaline tarball for thorn WaveToyF90  
Creating Formaline tarball for thorn WaveToyFreeF90  
Creating Formaline tarball for thorn hwloc  
Creating Formaline tarball for thorn libjpeg  
Creating Formaline tarball for thorn particle\_tracerET  
Creating Formaline tarball for thorn pthreads  
Creating Formaline tarball for thorn smallbPoynET  
Creating Formaline tarball for thorn yaml\_cpp  
Creating Formaline tarball for thorn zlib  
Checking status of thorn ADIOS2  
COMPILING configs/sim/bindings/build/ADIOS2/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ADIOS2.a  
Checking status of thorn Loop  
COMPILING configs/sim/bindings/build/Loop/cctk\_ThornBindings.c  
COMPILING CarpetX/Loop/src/loop.cxx  
COMPILING CarpetX/Loop/src/loopcontrol.cxx  
Checking status of thorn AHFinderDirect  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_Loop.a

```
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/array.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/coords.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/cpm_map.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/grid.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/fuzzy.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/linear_map.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/norm.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/fd_grid.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/round.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/miscfp.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/patch.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/jtutil/error_exit.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/ghost_zone.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/patch_interp.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/ilucg/dilucg.f77
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/patch_info.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/patch/patch_system.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_analyze.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_apply_order.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_assemble.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_blas3_update.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_build_tuples.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_build_tuples_usage.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_colamd.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_create_element.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_dump.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_extend_front.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_free.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/elliptic/Jacobian.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_garbage_collection.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_get_memory.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_init_front.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_is_permutation.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_kernel.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_kernel_init.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/elliptic/dense_Jacobian.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_kernel_init_usage.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_kernel_wrapper.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_local_search.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_ksolve.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/elliptic/lapack_wrapper.F77
COMPILING EinsteinAnalysis/AHFinderDirect/src/elliptic/row_sparse_Jacobian.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_ksolve.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_malloc.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_mem_alloc_element.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_mem_alloc_head_block.c
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf_mem_alloc_tail_block.c
```

COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_mem\_free\_t  
ail\_block.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_mem\_init\_m  
emoryspace.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_order\_fron  
t\_tree.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_realloc.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_row\_searc  
h.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_scale\_colu  
mn.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_set\_stats.  
c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_solve.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/gr/expansion.cc  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_symbolic\_u  
sage.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_transpose.  
c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_tuple\_leng  
ths.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_usolve.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_utsolve.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_valid\_nume  
ric.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umf\_valid\_symb  
olic.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_defaul  
ts.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_free\_n  
umeric.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_free\_s  
ymbolic.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_get\_lu  
nz.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_get\_nu  
meric.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_get\_sy  
mbolic.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_numeri  
c.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_qsymb  
olic.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_solve.  
c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_symbol  
ic.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_timer.  
c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/umfpack\_transp  
ose.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/wrap\_umf\_ltsol  
ve.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/wrap\_umf\_utsol  
ve.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/sparse-matrix/umfpack/wrap\_umfpack\_w  
solve.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/gr/expansion\_Jacobian.cc  
COMPILING EinsteinAnalysis/AHFinderDirect/src/gr/Schwarzschild\_EF.cc  
COMPILING EinsteinAnalysis/AHFinderDirect/src/gr/misc-gr.cc  
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/state.cc  
COMPILING configs/sim/bindings/build/AHFinderDirect/cctk\_ThornBindings.c  
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/setup.cc  
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/find\_horizons.cc

```

COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/initial_guess.cc
Checking status of thorn Timers
COMPILING Carpet/Timers/src/CactusTimer.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/Newton.cc
COMPILING Carpet/Timers/src/CactusTimerSet.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/io.cc
COMPILING Carpet/Timers/src/Timer.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/misc-driver.cc
COMPILING Carpet/Timers/src/TimerTree.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/BH_diagnostics.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/horizon_sequence.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/mask.cc
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/announce.cc
COMPILING configs/sim/bindings/build/Timers/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Timers.a
COMPILING EinsteinAnalysis/AHFinderDirect/src/driver/aliased_functions.cc
Checking status of thorn CarpetXRegrid
COMPILING CarpetX/CarpetXRegrid/src/regrid_error.cxx
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_AHFinderDirect.a
COMPILING configs/sim/bindings/build/CarpetXRegrid/cctk_ThornBindings.c
Checking status of thorn openPMD
openPMD: Preparing directory structure...
openPMD: Unpacking archive...
~/Cactus/Cactus/configs/sim/scratch/build/openPMD ~/Cactus/Cactus/configs/sim/scratch
openPMD: Applying patches...
~/Cactus/Cactus/configs/sim/scratch/build/openPMD/openPMD-api-0.16.0 ~/Cactus/Cactus/configs/sim/scratch/build/openPMD ~/Cactus/Cactus/configs/sim/scratch
patching file include/openPMD/backend/Container.hpp
patching file CMakeLists.txt
patching file .patch_tmp
~/Cactus/Cactus/configs/sim/scratch/build/openPMD ~/Cactus/Cactus/configs/sim/scratch
openPMD: Configuring...
-- The C compiler identification is GNU 13.3.0
-- The CXX compiler identification is GNU 13.3.0
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Check for working C compiler: /usr/bin/gcc - skipped
-- Detecting C compile features
-- Detecting C compile features - done
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Check for working CXX compiler: /usr/bin/g++ - skipped
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- openPMD-api superbuild: ON
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CarpetXRegrid.a
COMPILING configs/sim/bindings/build/openPMD/cctk_ThornBindings.c
Checking status of thorn CoordinatesX
COMPILING CarpetX/CoordinatesX/src/coordinates.cxx
-- Found MPI_CXX: /usr/lib/x86_64-linux-gnu/openmpi/lib/libmpi_cxx.so (found version "3.1")
-- Found MPI: TRUE (found version "3.1") found components: CXX
-- Compiling local nlohmann_json ...
-- nlohmann_json source path: /home/anisha/Cactus/Cactus/configs/sim/scratch/build/openPMD/json-3.11.3
-- Using the multi-header code from /home/anisha/Cactus/Cactus/configs/sim/scratch/build/openPMD/json-3.11.3/include/
-- Compiling local toml11 ...
-- toml11 source path: /home/anisha/Cactus/Cactus/configs/sim/scratch/build/openPMD/toml11-3.7.1
CMake Deprecation Warning at /home/anisha/Cactus/Cactus/configs/sim/scratch/build/openPMD/toml11-3.7.1/CMakeLists.txt:1 (cmake_minimum_required):

```

Compatibility with CMake < 3.5 will be removed from a future version of CMake.

Update the VERSION argument <min> value or use a ...<max> suffix to tell CMake that the project does not need compatibility with older versions.

```
-- Found MPI_C: /usr/lib/x86_64-linux-gnu/openmpi/lib/libmpi.so (found version "3.1")
-- Found MPI: TRUE (found version "3.1")
-- Found ADIOS2: /usr/local/lib/cmake/adios2/adios2-config.cmake (found suitable version "2.10.0.607", minimum required is "2.7.0") found components: C CXX MPI
```

openPMD build configuration:

```
library Version: 0.16.0
openPMD Standard: 1.1.0
C++ Compiler: GNU 13.3.0
/usr/bin/g++
```

Install with RPATHs: ON

Installation prefix: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD

```
bin: bin
lib: lib
include: include
cmake: lib/cmake/openPMD
```

Build Type: Release

Library: static

CLI Tools: OFF

Examples: OFF

Testing: OFF

Invasive Tests: OFF

Internal VERIFY: ON

Build Options:

MPI: ON

HDF5: OFF

ADIOS2: ON

PYTHON: OFF

CUDA\_EXAMPLES: OFF

```
-- Configuring done (5.0s)
```

```
-- Generating done (0.0s)
```

CMake Warning:

Manually-specified variables were not used by the project:

FETCHCONTENT\_FULLY\_DISCONNECTED

HDF5\_ROOT

```
-- Build files have been written to: /home/anisha/Cactus/Cactus/configs/sim/scratch/build/openPMD/openPMD-api-0.16.0/build
```

openPMD: Building...

```
[ 2%] Building CXX object CMakeFiles/openPMD.dir/src/config.cpp.o
```

```
[ 4%] Building CXX object CMakeFiles/openPMD.dir/src/ChunkInfo.cpp.o
```

```
COMPILING configs/sim/bindings/build/CoordinatesX/cctk_ThornBindings.c
```

```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CoordinatesX.a
```

```
[ 6%] Building CXX object CMakeFiles/openPMD.dir/src/Dataset.cpp.o
```

```
[ 8%] Building CXX object CMakeFiles/openPMD.dir/src/Datatype.cpp.o
```

```
[10%] Building CXX object CMakeFiles/openPMD.dir/src/Error.cpp.o
```

```
[13%] Building CXX object CMakeFiles/openPMD.dir/src/Format.cpp.o
```

```
[15%] Building CXX object CMakeFiles/openPMD.dir/src/Iteration.cpp.o
```

```
[17%] Building CXX object CMakeFiles/openPMD.dir/src/IterationEncoding.cpp.o
```

```
[19%] Building CXX object CMakeFiles/openPMD.dir/src/Mesh.cpp.o
```

```
[ 21%] Building CXX object CMakeFiles/openPMD.dir/src/ParticlePatches.cpp.o
[ 23%] Building CXX object CMakeFiles/openPMD.dir/src/ParticleSpecies.cpp.o
[ 26%] Building CXX object CMakeFiles/openPMD.dir/src/ReadIterations.cpp.o
[ 28%] Building CXX object CMakeFiles/openPMD.dir/src/Record.cpp.o
Checking status of thorn Derivs
COMPILING CarpetX/Derivs/src/derivs.cxx
COMPILING configs/sim/bindings/build/Derivs/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Derivs.a
Checking status of thorn ErrorEstimator
COMPILING CarpetX/ErrorEstimator/src/error.cxx
[ 30%] Building CXX object CMakeFiles/openPMD.dir/src/RecordComponent.cpp.o
COMPILING configs/sim/bindings/build/ErrorEstimator/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ErrorEstimator.a
[ 32%] Building CXX object CMakeFiles/openPMD.dir/src/Series.cpp.o
[ 34%] Building CXX object CMakeFiles/openPMD.dir/src/version.cpp.o
[ 36%] Building CXX object CMakeFiles/openPMD.dir/src/WriteIterations.cpp.o
[ 39%] Building CXX object CMakeFiles/openPMD.dir/src/auxiliary/Date.cpp.o
[ 41%] Building CXX object CMakeFiles/openPMD.dir/src/auxiliary/FileSystem.cpp.o
[ 43%] Building CXX object CMakeFiles/openPMD.dir/src/auxiliary/JSON.cpp.o
[ 45%] Building CXX object CMakeFiles/openPMD.dir/src/auxiliary/Mpi.cpp.o
Checking status of thorn FluxWaveToyX
COMPILING CarpetX/FluxWaveToyX/src/fluxwavetoyx.cxx
COMPILING configs/sim/bindings/build/FluxWaveToyX/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_FluxWaveToyX.a
[ 47%] Building CXX object CMakeFiles/openPMD.dir/src/backend/Attributable.cpp.o
[ 50%] Building CXX object CMakeFiles/openPMD.dir/src/backend/BaseRecordComponent.cpp.o
[ 52%] Building CXX object CMakeFiles/openPMD.dir/src/backend/MeshRecordComponent.cpp.o
Checking status of thorn GRHayLHDX
COMPILING GRHayLET/GRHayLHDX/src/compute_metric_derivs.cxx
COMPILING GRHayLET/GRHayLHDX/src/compute_ccc_centered_extrinsic_curvature.cxx
[ 54%] Building CXX object CMakeFiles/openPMD.dir/src/backend/PatchRecord.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/compute_ccc_centered_spacetime_quantities.cxx
COMPILING GRHayLET/GRHayLHDX/src/compute_Tmunu.cxx
COMPILING GRHayLET/GRHayLHDX/src/convert_HydroBase_to_GRHayLHDX.cxx
COMPILING GRHayLET/GRHayLHDX/src/convert_GRHayLHDX_to_HydroBase.cxx
[ 56%] Building CXX object CMakeFiles/openPMD.dir/src/backend/PatchRecordComponent.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/interpolate_metric_to_face.cxx
COMPILING GRHayLET/GRHayLHDX/src/validate_fix.cxx
COMPILING GRHayLET/GRHayLHDX/src/Hybrid/conservs_to_prims.cxx
[ 58%] Building CXX object CMakeFiles/openPMD.dir/src/backend/Writable.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/Hybrid/evaluate_fluxes_rhs.cxx
COMPILING GRHayLET/GRHayLHDX/src/Hybrid/evaluate_fluxes.cxx
[ 60%] Building CXX object CMakeFiles/openPMD.dir/src/benchmark/mpi/OneDimensionalBlockSlicer.cpp.o
[ 63%] Building CXX object CMakeFiles/openPMD.dir/src/helper/list_series.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/Hybrid/evaluate_sources_rhs.cxx
COMPILING GRHayLET/GRHayLHDX/src/Hybrid/perturb_conservatives.cxx
[ 65%] Building CXX object CMakeFiles/openPMD.dir/src/IO/AbstractIOHandler.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/Hybrid/perturb_primitives.cxx
COMPILING GRHayLET/GRHayLHDX/src/Hybrid/prims_to_conservs.cxx
[ 67%] Building CXX object CMakeFiles/openPMD.dir/src/IO/AbstractIOHandlerImpl.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/HybridEntropy/conservs_to_prims.cxx
[ 69%] Building CXX object CMakeFiles/openPMD.dir/src/IO/AbstractIOHandlerHelper.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/HybridEntropy/evaluate_fluxes_rhs.cxx
COMPILING GRHayLET/GRHayLHDX/src/HybridEntropy/evaluate_fluxes.cxx
[ 71%] Building CXX object CMakeFiles/openPMD.dir/src/IO/DummyIOHandler.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/HybridEntropy/evaluate_sources_rhs.cxx
[ 73%] Building CXX object CMakeFiles/openPMD.dir/src/IO/IOTask.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/HybridEntropy/perturb_conservatives.cxx
```

```
COMPILING GRHayLET/GRHayLHDX/src/HybridEntropy/perturb_primitives.cxx
COMPILING GRHayLET/GRHayLHDX/src/HybridEntropy/prims_to_conservs.cxx
[ 76%] Building CXX object CMakeFiles/openPMD.dir/src/IO/FlushParams.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/Tabulated/conservs_to_prims.cxx
[ 78%] Building CXX object CMakeFiles/openPMD.dir/src/IO/HDF5/HDF5IOHandler.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/Tabulated/evaluate_fluxes_rhs.cxx
COMPILING GRHayLET/GRHayLHDX/src/Tabulated/evaluate_fluxes.cxx
[ 80%] Building CXX object CMakeFiles/openPMD.dir/src/IO/HDF5/ParallelHDF5IOHandler.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/Tabulated/evaluate_sources_rhs.cxx
COMPILING GRHayLET/GRHayLHDX/src/Tabulated/perturb_conservatives.cxx
[ 82%] Building CXX object CMakeFiles/openPMD.dir/src/IO/HDF5/HDF5Auxiliary.cpp.o
[ 84%] Building CXX object CMakeFiles/openPMD.dir/src/IO/JSON/JSONIOHandler.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/Tabulated/perturb_primitives.cxx
COMPILING GRHayLET/GRHayLHDX/src/Tabulated/prims_to_conservs.cxx
[ 86%] Building CXX object CMakeFiles/openPMD.dir/src/IO/JSON/JSONIOHandlerImpl.cpp.o
COMPILING GRHayLET/GRHayLHDX/src/TabulatedEntropy/conservs_to_prims.cxx
COMPILING GRHayLET/GRHayLHDX/src/TabulatedEntropy/evaluate_fluxes_rhs.cxx
COMPILING GRHayLET/GRHayLHDX/src/TabulatedEntropy/evaluate_fluxes.cxx
COMPILING GRHayLET/GRHayLHDX/src/TabulatedEntropy/evaluate_sources_rhs.cxx
COMPILING GRHayLET/GRHayLHDX/src/TabulatedEntropy/perturb_conservatives.cxx
COMPILING GRHayLET/GRHayLHDX/src/TabulatedEntropy/perturb_primitives.cxx
COMPILING GRHayLET/GRHayLHDX/src/TabulatedEntropy/prims_to_conservs.cxx
COMPILING configs/sim/bindings/build/GRHayLHDX/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GRHayLHDX.a
[ 89%] Building CXX object CMakeFiles/openPMD.dir/src/IO/JSON/JSONFilePosition.cpp.o
[ 91%] Building CXX object CMakeFiles/openPMD.dir/src/IO/ADIOS/ADIOS2IOHandler.cpp.o
Checking status of thorn GRHayLIDX
COMPILING GRHayLET/GRHayLIDX/src/1D_tests_hydro_data.cxx
COMPILING GRHayLET/GRHayLIDX/src/1D_tests_magnetic_data.cxx
COMPILING GRHayLET/GRHayLIDX/src/BetaEquilibrium.cxx
COMPILING GRHayLET/GRHayLIDX/src/ComputeEntropy.cxx
COMPILING GRHayLET/GRHayLIDX/src/ConstantDensitySphere.cxx
COMPILING GRHayLET/GRHayLIDX/src/IsotropicGas.cxx
[ 93%] Building CXX object CMakeFiles/openPMD.dir/src/IO/ADIOS/ADIOS2File.cpp.o
COMPILING configs/sim/bindings/build/GRHayLIDX/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GRHayLIDX.a
[ 95%] Building CXX object CMakeFiles/openPMD.dir/src/IO/ADIOS/ADIOS2Auxiliary.cpp.o
[ 97%] Building CXX object CMakeFiles/openPMD.dir/src/IO/InvalidatableFile.cpp.o
Checking status of thorn HTTPDExtra
COMPILING CactusConnect/HTTPDExtra/src/Groups.c
COMPILING CactusConnect/HTTPDExtra/src/Startup.c
COMPILING CactusConnect/HTTPDExtra/src/IO.c
COMPILING CactusConnect/HTTPDExtra/src/Processors.c
COMPILING CactusConnect/HTTPDExtra/src/HostNames.c
COMPILING CactusConnect/HTTPDExtra/src/PtrList.c
COMPILING CactusConnect/HTTPDExtra/src/HTTPD_FileList.c
COMPILING CactusConnect/HTTPDExtra/src/TimerInfo.c
COMPILING configs/sim/bindings/build/HTTPDExtra/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_HTTPDExtra.a
Checking status of thorn HydroBaseX
COMPILING CarpetX/HydroBaseX/src/hydrobase.cxx
COMPILING configs/sim/bindings/build/HydroBaseX/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_HydroBaseX.a
Checking status of thorn IOHDF5Util
COMPILING CactusPUGHIO/IOHDF5Util/src/Startup.c
COMPILING CactusPUGHIO/IOHDF5Util/src/DumpUtils.c
COMPILING CactusPUGHIO/IOHDF5Util/src/DumpVar.c
COMPILING CactusPUGHIO/IOHDF5Util/src/RecoverVar.c
COMPILING configs/sim/bindings/build/IOHDF5Util/cctk_ThornBindings.c
```



```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IOHDF5Util.a
Checking status of thorn NullConstr
COMPILING PITTNullCode/NullConstr/src/NullConstr_AuxConstr.F90
COMPILING PITTNullCode/NullConstr/src/NullConstr_Util.F90
[100%] Linking CXX static library lib/libopenPMD.a
COMPILING PITTNullCode/NullConstr/src/NullConstr_R00.F90
[100%] Built target openPMD
openPMD: Installing...
[100%] Built target openPMD
Install the project...
-- Install configuration: "Release"
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/lib/cmake/toml11/toml11Config.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/lib/cmake/toml11/toml11ConfigVersion.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/color.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/parser.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/utility.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/serializer.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/types.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/storage.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/traits.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/datetime.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/comments.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/string.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/region.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/literal.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/source_location.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/value.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/result.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/combinator.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/get.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/from.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/lexer.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/macros.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/version.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/include/toml/into.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
```

```
lude/toml/exception.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/li
b/cmake/toml11/toml11Targets.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/li
b/libopenPMD.a
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/RecordComponent.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Datatype.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Series.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/Timer.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/MemoryProfiler.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/mpi
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/mpi/BlockSlicer.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/mpi/MPIBenchmarkReport.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/mpi/DatasetFiller.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/mpi/OneDimensionalBlockSlicer.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/mpi/RandomDatasetFiller.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/benchmark/mpi/MPIBenchmark.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/openPMD.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/helper
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/helper/list_series.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IterationEncoding.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/ReadIterations.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Span.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/JSON
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/JSON/JSONFilePosition.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/JSON/JSONIOHandlerImpl.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/JSON/JSONIOHandler.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/Format.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/DummyIOHandler.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/HDF5
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/HDF5/HDF5Auxiliary.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
```

```
lude/openPMD/IO/HDF5/HDF5FilePosition.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/HDF5/HDF5IOHandlerImpl.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/HDF5/ParallelHDF5IOHandler.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/HDF5/ParallelHDF5IOHandlerImpl.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/HDF5/HDF5IOHandler.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/AbstractIOHandlerHelper.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/InvalidatableFile.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/Access.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/ADIOS
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/ADIOS/ADIOS2IOHandler.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/ADIOS/ADIOS2File.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/ADIOS/ADIOS2Auxiliary.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/ADIOS/macros.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/ADIOS/ADIOS2FilePosition.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/AbstractFilePosition.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/AbstractIOHandler.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/FlushParametersInternal.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/AbstractIOHandlerImpl.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/IOTask.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/IO/AbstractIOHandlerImplCommon.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/ParticleSpecies.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/Attributable.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/ParsePreference.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/Container.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/BaseRecord.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/Writable.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/MeshRecordComponent.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/PatchRecordComponent.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/BaseRecordComponent.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/Attribute.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/backend/PatchRecord.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
```

```
lude/openPMD/Datatype_internal.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/ParticlePatches.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/DatatypeHelpers.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/ChunkInfo.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding/python
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding/python/Common.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding/python/Numpy.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding/python/UnitDimension.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding/python/Mpi.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding/python/RecordComponent.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/binding/python/Pickle.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Streaming.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Datatype.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Error.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/UnitDimension.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/ChunkInfo_internal.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Record.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/RecordComponent.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/Environment.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/Memory.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/TypeTraits.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/Export.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/DerefDynamicCast.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/StringManip.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/Filesystem.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/ShareRawInternal.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/JSON_internal.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/JSON.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/ShareRaw.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/Date.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
```

```

lude/openPMD/auxiliary/Mpi.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/Variant.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/UniquePtr.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/auxiliary/OutOfRangeMsg.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/WriteIterations.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/cli
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/cli/ls.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/DatatypeMacros.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/version.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/UndefinedDatatypeMacros.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Dataset.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Mesh.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/ThrowError.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/Iteration.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/inc
lude/openPMD/config.hpp
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/li
b/cmake/openPMD/openPMDTargets.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/li
b/cmake/openPMD/openPMDTargets-release.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/li
b/cmake/openPMD/openPMDConfig.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/li
b/cmake/openPMD/openPMDConfigVersion.cmake
-- Installing: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/li
b/pkgconfig/openPMD.pc
~/Cactus/Cactus/configs/sim/scratch
openPMD: Cleaning up...
openPMD: Done.
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_openPMD.a
COMPILING PITTTNullCode/NullConstr/src/NullConstr_R01.F90
COMPILING PITTTNullCode/NullConstr/src/NullConstr_R0A.F90
COMPILING configs/sim/bindings/build/NullConstr/cctk_ThornBindings.c
Checking status of thorn NullExact
COMPILING PITTTNullCode/NullExact/src/NullExact_Analytic.F90
COMPILING PITTTNullCode/NullExact/src/NullExact_PreCalcYlm.F90
COMPILING PITTTNullCode/NullExact/src/NullExact_Error.F90
COMPILING PITTTNullCode/NullExact/src/NullExact_InitMoL.F90
COMPILING PITTTNullCode/NullExact/src/NullExact_dotNewsMoL.F90
COMPILING PITTTNullCode/NullExact/src/NullExact_MoLRegister.c
COMPILING PITTTNullCode/NullExact/src/NullExact_AnaFields.F90
COMPILING PITTTNullCode/NullExact/src/NullExact_Initial.F90
COMPILING PITTTNullCode/NullExact/src/NullExact_Boundary.F90
COMPILING configs/sim/bindings/build/NullExact/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullExact.a
Checking status of thorn NullPsiInt
COMPILING PITTTNullCode/NullPsiInt/src/NullPsiInt_dotNewsPsi.F90
COMPILING PITTTNullCode/NullPsiInt/src/NullPsiInt_MoLRegister.c
COMPILING PITTTNullCode/NullPsiInt/src/NullPsiInt_InitMoL.F90
COMPILING PITTTNullCode/NullConstr/src/NullConstr_Driver.F90
COMPILING configs/sim/bindings/build/NullPsiInt/cctk_ThornBindings.c

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```
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullPsiInt.a
Checking status of thorn Periodic
COMPILING CactusNumerical/Periodic/src/periodic.c
COMPILING configs/sim/bindings/build/Periodic/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Periodic.a
Checking status of thorn SIMDWaveToyX
COMPILING CarpetX/SIMDWaveToyX/src/simdwavetoyx.cxx
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NullConstr.a
Checking status of thorn SpacetimeWaveToyX
COMPILING CarpetX/SpacetimeWaveToyX/src/spacetimewavetoyx.cxx
COMPILING configs/sim/bindings/build/SIMDWaveToyX/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SIMDWaveToyX.a
COMPILING configs/sim/bindings/build/SpacetimeWaveToyX/cctk_ThornBindings.c
Checking status of thorn StaggeredWaveToyX
COMPILING CarpetX/StaggeredWaveToyX/src/staggeredwavetoyx.cxx
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_SpacetimeWaveToyX.a
COMPILING configs/sim/bindings/build/StaggeredWaveToyX/cctk_ThornBindings.c
Checking status of thorn TestArrayGroup
COMPILING CarpetX/TestArrayGroup/src/TestArray.cxx
COMPILING CarpetX/TestArrayGroup/src/TestArray.F90
COMPILING CarpetX/TestArrayGroup/src/TestDynamicData.cxx
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_StaggeredWaveToyX.a
COMPILING CarpetX/TestArrayGroup/src/TestDynamicData.F90
Checking status of thorn TestBoxInBox
COMPILING CarpetX/TestBoxInBox/src/testboxinbox.cxx
COMPILING configs/sim/bindings/build/TestBoxInBox/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestBoxInBox.a
COMPILING configs/sim/bindings/build/TestArrayGroup/cctk_ThornBindings.c
Checking status of thorn TestDerivs
COMPILING CarpetX/TestDerivs/src/test.cxx
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestArrayGroup.a
COMPILING configs/sim/bindings/build/TestDerivs/cctk_ThornBindings.c
Checking status of thorn TestNorms
COMPILING CarpetX/TestNorms/src/test.cc
COMPILING configs/sim/bindings/build/TestNorms/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestNorms.a
Checking status of thorn TestODESolvers2
COMPILING CarpetX/TestODESolvers2/src/odes.cxx
COMPILING configs/sim/bindings/build/TestODESolvers2/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestODESolvers2.a
Checking status of thorn TestOutput
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestDerivs.a
COMPILING configs/sim/bindings/build/TestOutput/cctk_ThornBindings.c
COMPILING CarpetX/TestOutput/src/TestOutput.cxx
Checking status of thorn TmunuBaseX
COMPILING CarpetX/TmunuBaseX/src/tmunubase.cxx
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestOutput.a
COMPILING configs/sim/bindings/build/TmunuBaseX/cctk_ThornBindings.c
Checking status of thorn WaveToyX
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TmunuBaseX.a
COMPILING configs/sim/bindings/build/WaveToyX/cctk_ThornBindings.c
COMPILING CarpetX/WaveToyX/src/wavetoyx.cxx
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveToyX.a
Creating Formaline tarball for thorn ADMAAnalysis
Creating Formaline tarball for thorn ADMBase
Creating Formaline tarball for thorn AMReX
Creating Formaline tarball for thorn CT_Analytic
Creating Formaline tarball for thorn CarpetLib
Creating Formaline tarball for thorn CarpetMask
Creating Formaline tarball for thorn DNSdata
Creating Formaline tarball for thorn EOS_Hybrid
Creating Formaline tarball for thorn EOS_Omni
Creating Formaline tarball for thorn Formaline
Creating Formaline tarball for thorn GRHayLHD
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Creating Formaline tarball for thorn GRHayLID
Creating Formaline tarball for thorn GRHayLib
Creating Formaline tarball for thorn GRHydro_InitData
Creating Formaline tarball for thorn GiRaFFeFood
Creating Formaline tarball for thorn HDF5
Creating Formaline tarball for thorn HTTPD
Creating Formaline tarball for thorn Hydro_RNSID
Creating Formaline tarball for thorn IllinoisGRMHD
Creating Formaline tarball for thorn MPI
Creating Formaline tarball for thorn MemSpeed
Creating Formaline tarball for thorn Multipole
Creating Formaline tarball for thorn NoMPI
Creating Formaline tarball for thorn NullEvolve
Creating Formaline tarball for thorn NullNews
Creating Formaline tarball for thorn NullSHRExtract
Creating Formaline tarball for thorn PUGH
Creating Formaline tarball for thorn PUGHInterp
Creating Formaline tarball for thorn PUGHReduce
Creating Formaline tarball for thorn PUGHSlab
Creating Formaline tarball for thorn QuasiLocalMeasures
Creating Formaline tarball for thorn RotatingSymmetry180
Creating Formaline tarball for thorn RotatingSymmetry90
Creating Formaline tarball for thorn Silo
Creating Formaline tarball for thorn Slab
Creating Formaline tarball for thorn SphericalHarmonicDecomp
Creating Formaline tarball for thorn SphericalHarmonicRecon
Creating Formaline tarball for thorn SphericalHarmonicReconGen
Creating Formaline tarball for thorn SystemTopology
Creating Formaline tarball for thorn TOVola
Creating Formaline tarball for thorn TestBoundaries
Creating Formaline tarball for thorn TimerReport
Creating Formaline tarball for thorn WeylSca14
Creating Formaline tarball for the configuration options
Creating Formaline tarball for the flesh
Checking status of thorn ADMBaseX
COMPILING CarpetX/ADMBaseX/src/admbase.cxx
COMPILING CarpetX/ADMBaseX/src/linear_wave.cxx
Checking status of thorn BoxInBox
COMPILING CarpetX/BoxInBox/src/boxinbox.cxx
COMPILING CarpetX/ADMBaseX/src/noise.cxx
COMPILING configs/sim/bindings/build/BoxInBox/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_BoxInBox.a
COMPILING configs/sim/bindings/build/ADMBaseX/cctk_ThornBindings.c
Checking status of thorn Carpet
COMPILING Carpet/Carpet/src/CallFunction.cc
COMPILING Carpet/Carpet/src/CarpetBasegrid.cc
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ADMBaseX.a
COMPILING Carpet/Carpet/src/CarpetParamCheck.cc
Checking status of thorn CarpetX
COMPILING Carpet/Carpet/src/CarpetStartup.cc
COMPILING Carpet/Carpet/src/Checksum.cc
COMPILING Carpet/Carpet/src/Comm.cc
COMPILING Carpet/Carpet/src/Cycle.cc
COMPILING Carpet/Carpet/src/Evolve.cc
COMPILING Carpet/Carpet/src/Hosts.cc
COMPILING Carpet/Carpet/src/Initialise.cc
COMPILING CarpetX/CarpetX/src/boundaries.cxx
COMPILING Carpet/Carpet/src/MultiModel.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_int_neg.cxx
COMPILING Carpet/Carpet/src/OutputGH.cc
COMPILING Carpet/Carpet/src/Poison.cc
COMPILING Carpet/Carpet/src/Recompose.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_int_pos.cxx
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_neg_int.cxx
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COMPILING Carpet/Carpet/src/Restrict.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_neg_neg.cxx
COMPILING Carpet/Carpet/src/ScheduleWrapper.cc
COMPILING Carpet/Carpet/src/SetupGH.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_neg_pos.cxx
COMPILING Carpet/Carpet/src/Shutdown.cc
COMPILING Carpet/Carpet/src/Storage.cc
COMPILING Carpet/Carpet/src/Timing.cc
COMPILING Carpet/Carpet/src/UnusedMask.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_pos_int.cxx
COMPILING Carpet/Carpet/src/adler32.cc
COMPILING Carpet/Carpet/src/helpers.cc
COMPILING Carpet/Carpet/src/modes.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_pos_neg.cxx
COMPILING Carpet/Carpet/src/variables.cc
COMPILING Carpet/Carpet/src/PreSync.cc
In file included from /home/anisha/Cactus/Cactus/configs/sim/bindings/include/Carpet/cctk.h:5,
                 from /home/anisha/Cactus/Cactus/configs/sim/build/Carpet/PreSync.cc:1:
/home/anisha/Cactus/Cactus/configs/sim/build/Carpet/PreSync.cc: In function 'CCTK_INT4 Carpet::[anonymous]::SelectVarForBCI(const cGH*, CCTK_INT4, CCTK_INT4, CCTK_INT4, CCTK_INT4, CCTK_STRING)':
/home/anisha/Cactus/Cactus/src/include/cctk_core.h:439:13: warning: format not a string literal and no format arguments [%]8;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wformat-security-Wformat-security%]8;[%]
 439 |     CCTK_VWarn(level, __LINE__, __FILE__, CCTK_THORNSTRING, __VA_ARGS__)
      |     ~~~~~^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/Carpet/PreSync.cc:835:5: note: in expansion of macro 'CCTK_VWARN'
 835 |     CCTK_VWARN(CCTK_WARN_ALERT, msg.str().c_str());
      |     ~~~~~
COMPILING Carpet/Carpet/src/LoadBalanceReal/carpet_region.F90
COMPILING Carpet/Carpet/src/LoadBalanceReal/splitregions_recursively.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_int_pos_pos.cxx
COMPILING Carpet/Carpet/src/LoadBalanceReal/carpet_boxtypes.F90
COMPILING Carpet/Carpet/src/LoadBalanceReal/splitregions_recursively.F90
COMPILING configs/sim/bindings/build/Carpet/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Carpet.a
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_int_int.cxx
Checking status of thorn IOHDF5
COMPILING CactusPUGHIO/IOHDF5/src/Startup.c
COMPILING CactusPUGHIO/IOHDF5/src/Output.c
COMPILING CactusPUGHIO/IOHDF5/src/Write.c
COMPILING CactusPUGHIO/IOHDF5/src/DumpGH.c
COMPILING CactusPUGHIO/IOHDF5/src/RecoverGH.c
COMPILING configs/sim/bindings/build/IOHDF5/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_IOHDF5.a
Checking status of thorn NoExcision
COMPILING EinsteinInitialData/NoExcision/src/NoExcision_mod.F90
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_int_neg.cxx
COMPILING EinsteinInitialData/NoExcision/src/overwrite.F90
COMPILING EinsteinInitialData/NoExcision/src/smooth.F90
COMPILING EinsteinInitialData/NoExcision/src/reduce.F90
COMPILING EinsteinInitialData/NoExcision/src/reduce.c
COMPILING EinsteinInitialData/NoExcision/src/getlevelinfo.cc
COMPILING EinsteinInitialData/NoExcision/src/copy_mask.cc
COMPILING EinsteinInitialData/NoExcision/src/cg.F90
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_int_pos.cxx
COMPILING configs/sim/bindings/build/NoExcision/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NoExcision.a
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_neg_int.cxx
Checking status of thorn PeriodicCarpet
COMPILING Carpet/PeriodicCarpet/src/paramcheck.cc

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COMPILING Carpet/PeriodicCarpet/src/periodic.cc
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_neg.cxx
COMPILING Carpet/PeriodicCarpet/src/interpolate.c
COMPILING configs/sim/bindings/build/PeriodicCarpet/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_PeriodicCarpet.a
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_neg_pos.cxx
Checking status of thorn Poisson
COMPILING CactusExamples/Poisson/src/uniform_charge.c
COMPILING configs/sim/bindings/build/Poisson/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Poisson.a
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_pos_int.cxx
COMPILING configs/sim/bindings/build/CarpetX/cctk_ThornBindings.c
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_pos_neg.cxx
COMPILING CarpetX/CarpetX/src/boundaries_impl_neg_pos_pos.cxx
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_int_int.cxx
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_int_neg.cxx
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_int_pos.cxx
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_neg_int.cxx
Checking status of thorn ReadInterpolate
COMPILING EinsteinInitialData/ReadInterpolate/src/interpolate.cc
COMPILING EinsteinInitialData/ReadInterpolate/src/paramcheck.c
COMPILING EinsteinInitialData/ReadInterpolate/src/read.c
COMPILING EinsteinInitialData/ReadInterpolate/src/test.c
COMPILING configs/sim/bindings/build/ReadInterpolate/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_ReadInterpolate.a
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_neg_neg.cxx
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_neg_pos.cxx
Checking status of thorn TestCarpetGridInfo
COMPILING Carpet/TestCarpetGridInfo/src/test.cc
COMPILING configs/sim/bindings/build/TestCarpetGridInfo/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_TestCarpetGridInfo.a
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_pos_int.cxx
Checking status of thorn WaveExtractL
COMPILING Llama/WaveExtractL/src/AdjustDetector.c
COMPILING Llama/WaveExtractL/src/IO.c
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c: In function 'WavEx
trL_WriteData':
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:213:34: warning: '%
s' directive output may be truncated writing up to 255 bytes into a region of size
237 [0]8;;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wformat-tr
uncation=0-Wformat-truncation=0]8;;[0]
213 |         "Schwarzschild_Mass_%s", radiusname);
    |                                     ^~ ~~~~~
In file included from /usr/include/stdio.h:980,
                 from /home/anisha/Cactus/Cactus/src/include/cctk_Schedule.h:14,
                 from /home/anisha/Cactus/Cactus/src/include/cctk_core.h:189,
                 from /home/anisha/Cactus/Cactus/configs/sim/bindings/include/Wave
ExtractL/cctk.h:5,
                 from /home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/I
O.c:30:
In function 'snprintf',
    inlined from 'WavExtrL_WriteData' at /home/anisha/Cactus/Cactus/configs/sim/bu
ild/WaveExtractL/IO.c:212:5:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:54:10: note: '__builtin__snprintf_ch
k' output between 20 and 275 bytes into a destination of size 256
54 |     return __builtin__snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    |     ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
55 |                                     __glibc_objsize (__s), __fmt,
    |     ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
56 |                                     __va_arg_pack ());
    |     ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c: In function 'WavEx
trL_WriteData':
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:219:36: warning: '%

```

s' directive output may be truncated writing up to 255 bytes into a region of size 235 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wformat-truncation=8-Wformat-truncation=8];;

```
219 |         "Schwarzschild_Radius_%s", radiusname);  
    |         ^~ ~~~~~
```

In function 'snprintf',

inlined from 'WavExtrL\_WriteData' at /home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:218:5:

/usr/include/x86\_64-linux-gnu/bits/stdio2.h:54:10: note: '\_\_builtin\_\_snprintf\_chk' output between 22 and 277 bytes into a destination of size 256

```
54 |     return __builtin__snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,  
    |     ^~~~~~  
55 |     __glibc_objsize (__s), __fmt,  
    |     ~~~~~  
56 |     __va_arg_pack ());  
    |     ~~~~~
```

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c: In function 'WavExtrL\_WriteData':

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:247:28: warning: '%s' directive output may be truncated writing up to 255 bytes into a region of size 247 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wformat-truncation=8-Wformat-truncation=8];;

```
247 |         "Qeven_Re_%s_l%d_m%d", radiusname, (int)il, (int)im);  
    |         ^~ ~~~~~
```

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:247:18: note: directive argument in the range [-2147483647, 2147483647]

```
247 |         "Qeven_Re_%s_l%d_m%d", radiusname, (int)il, (int)im);  
    |         ^~~~~~
```

In function 'snprintf',

inlined from 'WavExtrL\_WriteData' at /home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:246:9:

/usr/include/x86\_64-linux-gnu/bits/stdio2.h:54:10: note: '\_\_builtin\_\_snprintf\_chk' output between 16 and 291 bytes into a destination of size 256

```
54 |     return __builtin__snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,  
    |     ^~~~~~  
55 |     __glibc_objsize (__s), __fmt,  
    |     ~~~~~  
56 |     __va_arg_pack ());  
    |     ~~~~~
```

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c: In function 'WavExtrL\_WriteData':

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:252:28: warning: '%s' directive output may be truncated writing up to 255 bytes into a region of size 247 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wformat-truncation=8-Wformat-truncation=8];;

```
252 |         "Qeven_Im_%s_l%d_m%d", radiusname, (int)il, (int)im);  
    |         ^~ ~~~~~
```

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:252:18: note: directive argument in the range [-2147483647, 2147483647]

```
252 |         "Qeven_Im_%s_l%d_m%d", radiusname, (int)il, (int)im);  
    |         ^~~~~~
```

In function 'snprintf',

inlined from 'WavExtrL\_WriteData' at /home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:251:9:

/usr/include/x86\_64-linux-gnu/bits/stdio2.h:54:10: note: '\_\_builtin\_\_snprintf\_chk' output between 16 and 291 bytes into a destination of size 256

```
54 |     return __builtin__snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,  
    |     ^~~~~~  
55 |     __glibc_objsize (__s), __fmt,  
    |     ~~~~~  
56 |     __va_arg_pack ());  
    |     ~~~~~
```

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c: In function 'WavExtrL\_WriteData':

```

/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:258:27: warning: '%
s' directive output may be truncated writing up to 255 bytes into a region of size
248 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wformat-tr
uncation=8-Wformat-truncation=8;]
258 |         "Qodd_Re_%s_l%d_m%d", radiusname, (int)il, (int)im);
    |         ^~
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:258:18: note: direc
tive argument in the range [-2147483647, 2147483647]
258 |         "Qodd_Re_%s_l%d_m%d", radiusname, (int)il, (int)im);
    |         ^~~~~~
In function 'snprintf',
    inlined from 'WavExtrL_WriteData' at /home/anisha/Cactus/Cactus/configs/sim/bu
ild/WaveExtractL/IO.c:257:9:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:54:10: note: '__builtin__snprintf_ch
k' output between 15 and 290 bytes into a destination of size 256
54 |     return __builtin__snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    |         ^~~~~~
55 |                                     __glibc_objsize (__s), __fmt,
    |                                     ~~~~~~
56 |                                     __va_arg_pack ());
    |                                     ~~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c: In function 'WavEx
trL_WriteData':
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:263:27: warning: '%
s' directive output may be truncated writing up to 255 bytes into a region of size
248 [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wformat-tr
uncation=8-Wformat-truncation=8;]
263 |         "Qodd_Im_%s_l%d_m%d", radiusname, (int)il, (int)im);
    |         ^~
/home/anisha/Cactus/Cactus/configs/sim/build/WaveExtractL/IO.c:263:18: note: direc
tive argument in the range [-2147483647, 2147483647]
263 |         "Qodd_Im_%s_l%d_m%d", radiusname, (int)il, (int)im);
    |         ^~~~~~
In function 'snprintf',
    inlined from 'WavExtrL_WriteData' at /home/anisha/Cactus/Cactus/configs/sim/bu
ild/WaveExtractL/IO.c:262:9:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:54:10: note: '__builtin__snprintf_ch
k' output between 15 and 290 bytes into a destination of size 256
54 |     return __builtin__snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    |         ^~~~~~
55 |                                     __glibc_objsize (__s), __fmt,
    |                                     ~~~~~~
56 |                                     __va_arg_pack ());
    |                                     ~~~~~~
COMPILING Llama/WaveExtractL/src/SteerableTimeForOutput.c
COMPILING Llama/WaveExtractL/src/ParamCheck.c
COMPILING Llama/WaveExtractL/src/ResetCurrDet.c
COMPILING Llama/WaveExtractL/src/WavExtrLConstants.F90
COMPILING Llama/WaveExtractL/src/ProjectSphere.cc
COMPILING Llama/WaveExtractL/src/SchwarzschildMassRadius.F90
COMPILING Llama/WaveExtractL/src/SetupDetectors.F90
COMPILING Llama/WaveExtractL/src/SetupSphere.F90
COMPILING Llama/WaveExtractL/src/SubtractSphericalMetric.F90
COMPILING Llama/WaveExtractL/src/SphericalSurface.F90
COMPILING Llama/WaveExtractL/src/Init.F90
COMPILING Llama/WaveExtractL/src/MoncriefQ.F90
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_pos_neg.cxx
COMPILING configs/sim/bindings/build/WaveExtractL/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_WaveExtractL.a
COMPILING CarpetX/CarpetX/src/boundaries_impl_pos_pos_pos.cxx
COMPILING CarpetX/CarpetX/src/fillpatch.cxx
COMPILING CarpetX/CarpetX/src/driver.cxx
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/fillpat
ch.cxx:1:

```

```

/home/anisha/Cactus/Cactus/arrangements/CarpetX/CarpetX/src/fillpatch.hxx:26:2: wa
rning: #warning "TODO: Restrict" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-
Options.html#index-Wcpp-Wcpp]8;;
 26 | #warning "TODO: Restrict"
    | ^~~~~~
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/driver.
cxx:4:
/home/anisha/Cactus/Cactus/arrangements/CarpetX/CarpetX/src/fillpatch.hxx:26:2: wa
rning: #warning "TODO: Restrict" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-
Options.html#index-Wcpp-Wcpp]8;;
 26 | #warning "TODO: Restrict"
    | ^~~~~~
COMPILING CarpetX/CarpetX/src/interpolate.cxx
COMPILING CarpetX/CarpetX/src/io.cxx
COMPILING CarpetX/CarpetX/src/io_adios2.cxx
COMPILING CarpetX/CarpetX/src/io_meta.cxx
COMPILING CarpetX/CarpetX/src/io_norm.cxx
COMPILING CarpetX/CarpetX/src/io_openpmd.cxx
COMPILING CarpetX/CarpetX/src/io_silo.cxx
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/io_silo.cxx:515:2: warning: #
warning "TODO: read grid arrays" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-
Options.html#index-Wcpp-Wcpp]8;;
 515 | #warning "TODO: read grid arrays"
     | ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/io_silo.cxx:794:2: warning: #
warning "TODO: Output grid arrays" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warnin
g-Options.html#index-Wcpp-Wcpp]8;;
 794 | #warning "TODO: Output grid arrays"
     | ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/io_silo.cxx:1044:2: warning:
#warning "TODO: Output grid arrays" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warni
ng-Options.html#index-Wcpp-Wcpp]8;;
 1044 | #warning "TODO: Output grid arrays"
      | ^~~~~~
COMPILING CarpetX/CarpetX/src/io_tsv.cxx
COMPILING CarpetX/CarpetX/src/linsolve.cxx
COMPILING CarpetX/CarpetX/src/logo.cxx
COMPILING CarpetX/CarpetX/src/mpi_types.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_cons.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_ddf.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_eno.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_hermite.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_minmod.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_natural.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_poly.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_poly_cons3lfb.cxx
COMPILING CarpetX/CarpetX/src/prolongate_3d_rf2_impl_poly_eno3lfb.cxx
COMPILING CarpetX/CarpetX/src/reduction.cxx
COMPILING CarpetX/CarpetX/src/schedule.cxx
In file included from /home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/schedul
e.cxx:2:
/home/anisha/Cactus/Cactus/arrangements/CarpetX/CarpetX/src/fillpatch.hxx:26:2: wa
rning: #warning "TODO: Restrict" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-
Options.html#index-Wcpp-Wcpp]8;;
 26 | #warning "TODO: Restrict"
    | ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/schedule.cxx:2654:2: warning:
#warning "TODO" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#inde
x-Wcpp-Wcpp]8;;
 2654 | #warning "TODO"
      | ^~~~~~
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/schedule.cxx:2725:2: warning:
#warning "TODO: Allow different restriction operators, and ensure this is conserva

```

```

tive" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-Wcpp[8];;[
2725 | #warning
\
| ^~~~~~
COMPILING CarpetX/CarpetX/src/task_manager.cxx
COMPILING CarpetX/CarpetX/src/timer.cxx
COMPILING CarpetX/CarpetX/src/valid.cxx
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/valid.cxx:265:2: warning: #wa
rning "TODO" [8];;https://gcc.gnu.org/onlinedocs/gcc/Warning-Options.html#index-W
cpp[8];;[
265 | #warning "TODO"
| ^~~~~~
Creating Formaline tarball for thorn ADIOS2
Creating Formaline tarball for thorn AHFinderDirect
Creating Formaline tarball for thorn CarpetXRegrid
Creating Formaline tarball for thorn CoordinatesX
Creating Formaline tarball for thorn Derivs
Creating Formaline tarball for thorn ErrorEstimator
Creating Formaline tarball for thorn FluxWaveToyX
Creating Formaline tarball for thorn GRHayLHDX
Creating Formaline tarball for thorn GRHayLIDX
Creating Formaline tarball for thorn HTTPDExtra
Creating Formaline tarball for thorn HydroBaseX
Creating Formaline tarball for thorn IOHDF5Util
Creating Formaline tarball for thorn Loop
Creating Formaline tarball for thorn NullConstr
Creating Formaline tarball for thorn NullExact
Creating Formaline tarball for thorn NullPsiInt
Creating Formaline tarball for thorn Periodic
Creating Formaline tarball for thorn SIMDWaveToyX
Creating Formaline tarball for thorn SpacetimeWaveToyX
Creating Formaline tarball for thorn StaggeredWaveToyX
Creating Formaline tarball for thorn TestArrayGroup
Creating Formaline tarball for thorn TestBoxInBox
Creating Formaline tarball for thorn TestDerivs
Creating Formaline tarball for thorn TestNorms
Creating Formaline tarball for thorn TestODESolvers2
Creating Formaline tarball for thorn TestOutput
Creating Formaline tarball for thorn Timers
Creating Formaline tarball for thorn TmunuBaseX
Creating Formaline tarball for thorn WaveToyX
Creating Formaline tarball for thorn openPMD
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CarpetX.a
Checking status of thorn CT_MultiLevel
COMPILING CTThorns/CT_MultiLevel/src/CT_MultiLevel.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_V.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_InitializePsi.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_InitializeError.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_InitializeCoefficients.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_InitializeResidual.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_InitializeConstants.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_InitializeAuxiliaries.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_RelaxPsi.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_RelaxError.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_Boundaries.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_SolvePsiEquation.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_SolveErrorEquation.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_AddErrorToPsi.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_Reset.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_EnforceInt.cc
Checking status of thorn CarpetEvolutionMask
COMPILING Carpet/CarpetEvolutionMask/src/evolution_mask.cc
COMPILING CTThorns/CT_MultiLevel/src/CT_OutputWalk.cc

```

COMPILING CTThorns/CT\_MultiLevel/src/CT\_RestoreError.cc  
COMPILING CTThorns/CT\_MultiLevel/src/CT\_CalcPsiResidual.cc  
COMPILING Carpet/CarpetEvolutionMask/src/evolution\_mask\_init.c  
COMPILING CTThorns/CT\_MultiLevel/src/CT\_CalcErrResidual.cc  
COMPILING Carpet/CarpetEvolutionMask/src/evolution\_mask\_enforce.c  
COMPILING configs/sim/bindings/build/CarpetEvolutionMask/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetEvolutionMask.a  
COMPILING CTThorns/CT\_MultiLevel/src/CT\_CompareToExact.cc  
Checking status of thorn CarpetIOASCII  
COMPILING Carpet/CarpetIOASCII/src/ioascii.cc  
COMPILING CTThorns/CT\_MultiLevel/src/CT\_UpdateBoundaries.cc  
COMPILING CTThorns/CT\_MultiLevel/src/CT\_CopyResidual.cc  
COMPILING CTThorns/CT\_MultiLevel/src/CT\_PopulatePointerStruct.cc  
COMPILING CTThorns/CT\_MultiLevel/src/CT\_Utils.cc  
COMPILING configs/sim/bindings/build/CT\_MultiLevel/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CT\_MultiLevel.a  
COMPILING configs/sim/bindings/build/CarpetIOASCII/cctk\_ThornBindings.c  
Checking status of thorn CarpetIOBasic  
COMPILING Carpet/CarpetIOBasic/src/iobasic.cc  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetIOASCII.a  
COMPILING configs/sim/bindings/build/CarpetIOBasic/cctk\_ThornBindings.c  
Checking status of thorn CarpetIOHDF5  
COMPILING Carpet/CarpetIOHDF5/src/CarpetIOHDF5.cc  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetIOBasic.a  
Checking status of thorn CarpetIOScalar  
COMPILING Carpet/CarpetIOScalar/src/ioscalar.cc  
COMPILING Carpet/CarpetIOHDF5/src/Input.cc  
COMPILING configs/sim/bindings/build/CarpetIOScalar/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetIOScalar.a  
COMPILING Carpet/CarpetIOHDF5/src/Output.cc  
COMPILING Carpet/CarpetIOHDF5/src/OutputSlice.cc  
Checking status of thorn CarpetIntegrateTest  
COMPILING Carpet/CarpetIntegrateTest/src/Local.cc  
COMPILING Carpet/CarpetIntegrateTest/src/Global.cc  
COMPILING configs/sim/bindings/build/CarpetIntegrateTest/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetIntegrateTest.a  
COMPILING configs/sim/bindings/build/CarpetIOHDF5/cctk\_ThornBindings.c  
Checking status of thorn CarpetInterp  
COMPILING Carpet/CarpetInterp/src/interp.cc  
COMPILING configs/sim/bindings/build/CarpetInterp/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetInterp.a  
Checking status of thorn CarpetInterp2  
COMPILING Carpet/CarpetInterp2/src/fasterp.cc  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetIOHDF5.a  
COMPILING Carpet/CarpetInterp2/src/interp2.cc  
COMPILING configs/sim/bindings/build/CarpetInterp2/cctk\_ThornBindings.c  
Checking status of thorn CarpetReduce  
COMPILING Carpet/CarpetReduce/src/mask\_allocate.cc  
COMPILING Carpet/CarpetReduce/src/mask\_init.cc  
COMPILING Carpet/CarpetReduce/src/mask\_set.cc  
COMPILING Carpet/CarpetReduce/src/mask\_test.cc  
COMPILING Carpet/CarpetReduce/src/mask\_carpet.cc  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetInterp2.a  
COMPILING Carpet/CarpetReduce/src/mask\_coords.cc  
COMPILING Carpet/CarpetReduce/src/reduce.cc  
Checking status of thorn CarpetRegrid  
COMPILING Carpet/CarpetRegrid/src/automatic.cc  
COMPILING configs/sim/bindings/build/CarpetReduce/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_CarpetReduce.a  
COMPILING Carpet/CarpetRegrid/src/baselevel.cc  
Checking status of thorn CarpetRegrid2  
COMPILING Carpet/CarpetRegrid2/src/amr.cc  
COMPILING Carpet/CarpetRegrid/src/centre.cc  
COMPILING Carpet/CarpetRegrid/src/manualcoordinatelist.cc



```

s, rho, eps, temp, ye, dpdrhoeps, keyerr, anyerr)
|
|                                     2
.....
4275 |          rho,epsilon,temp,ye,dpressbydrho,keyerr,anyerr)
|
|                                     1
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Con2PrimHot.f90:4071:
63:

2979 |  subroutine EOS_Omni_press (eoskey, havetemp, rf_precision, npoints, rho,
eps, temp, ye, press, keyerr, anyerr)
|
|                                     2
.....
4071 |          rho,epsilon,temp,ye,xpress,keyerr,anyerr)
|
|                                     1
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_DivergenceClean.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Scalars.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_ENOScalars.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_EOS.c
COMPILING Llama/Coordinates/src/param_check.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Flux.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Loop.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Minima.F90
COMPILING Llama/Coordinates/src/local_to_global.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Minima.cc
COMPILING Llama/Coordinates/src/global_to_local.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_ParamCheck.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_ParamCheck.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Particle.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_PreLoop.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Prim2Con.F90
COMPILING Llama/Coordinates/src/twopatchcartesian.cc
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Prim2Con.f90:9877:53:

4643 |  subroutine EOS_Omni_EpsFromPress (eoskey, havetemp, rf_precision, npoint
s, rho, eps, temp, ye, press, xeps, keyerr, anyerr)
|
|                                     2
.....
9877 |          drho,xeps,xtemp,xye,dpress,deps,keyerr,anyerr)
|
|                                     1
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Prim2Con.f90:9874:48:

4700 |  subroutine EOS_Omni_press (eoskey, havetemp, rf_precision, npoints, rho,
eps, temp, ye, press, keyerr, anyerr)
|
|                                     2
.....
9874 |          drho,xeps,xtemp,xye,dpress,keyerr,anyerr)
|
|                                     1
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
COMPILING Llama/Coordinates/src/cylinderinbox.cc
COMPILING Llama/Coordinates/src/spherecolumn.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Reconstruct.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Reconstruct.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_ReconstructPoly.F90
COMPILING Llama/Coordinates/src/cylindercolumn.cc
COMPILING Llama/Coordinates/src/inverse_jacobian.F90
COMPILING Llama/Coordinates/src/twopatchdistorted.cc
COMPILING Llama/Coordinates/src/thornburg13.cc
COMPILING Llama/Coordinates/src/util.cc
COMPILING configs/sim/bindings/build/Coordinates/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Coordinates.a
COMPILING configs/sim/bindings/build/GRHydro/cctk_ThornBindings.c

```



```

Checking status of thorn Interpolate2
COMPILING Llama/Interpolate2/src/init.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_RegisterMask.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_RegisterVars.cc
COMPILING Llama/Interpolate2/src/interpolate.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_RiemannSolve.F90
COMPILING Llama/Interpolate2/src/calc_inv3.F90
COMPILING Llama/Interpolate2/src/test.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_RoeAverage.F90
COMPILING configs/sim/bindings/build/Interpolate2/cctk_ThornBindings.c
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_Interpolate2.a
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Shift.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Startup.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_TVDRconstruct.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Marquina.F90
Checking status of thorn NewRadX
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_UpdateMask.F90
COMPILING SpacetimeX/NewRadX/src/newradx.cxx
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Set_TP_GF.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Differences.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_EoSChangeGamma.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Tmunu.F90
COMPILING EinsteinEvolve/GRHydro/src/Con2PrimM_fortran_interfaces.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Con2PrimM_pt_EOSOmniold.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Con2PrimM_pt_EOSOmni.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Con2PrimM_pt.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Con2PrimM_ptee.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Con2PrimM_polytype_pt.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_EigenproblemM.F90
COMPILING configs/sim/bindings/build/NewRadX/cctk_ThornBindings.c
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_FluxM.F90
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_NewRadX.a
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_HLLEM.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_PPMM.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Prim2ConM.F90
Checking status of thorn ODESolvers
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Prim2ConM.f90:10508:5
3:

    4121 |      subroutine EOS_Omni_EpsFromPress (eoskey, havetemp, rf_precision, npoint
        |                                     |                                     2
        |                                     |                                     |
        |     .....
10508 |          drho,xeps,xtemp,xye,dpress,deps,keyerr,anyerr)
        |                                     |                                     1
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Prim2ConM.f90:10505:4
8:

    4178 |      subroutine EOS_Omni_press (eoskey, havetemp, rf_precision, npoints, rho,
        |                                     |                                     2
        |                                     |                                     |
        |     .....
10505 |          drho,xeps,xtemp,xye,dpress,keyerr,anyerr)
        |                                     |                                     1
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
COMPILING CarpetX/ODESolvers/src/solve.cxx
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_RiemannSolveM.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_SourceM.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_TmunuM.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_UpdateMaskM.F90
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_UpdateMaskM.f90:4943:
81:

```

```
4943 |          rho(i,j,k),xeps,xtemp,xye,press(i,j,k),eps(i,j,k),keyerr,anyerr)
      |                                                                                   1
```

```
.....
6766 | ne EOS_Omni_EpsFromPress (eoskey, havetemp, rf_precision, npoints, rho, ep
s, temp, ye, press, xeps, keyerr, anyerr)
      |                                                                                   2
```

**Warning:** Rank mismatch in argument 'rho' (1/0) between (1) and (2)  
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro\_UpdateMaskM.f90:4925:  
45:

```
4925 |          press(i,j,k),keyerr,anyerr)
      |                                                                                   1
```

```
.....
6823 | subroutine EOS_Omni_press (eoskey, havetemp, rf_precision, npoints, rho,
eps, temp, ye, press, keyerr, anyerr)
      |                                                                                   2
```

**Warning:** Rank mismatch in argument 'rho' (1/0) between (1) and (2)  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_UtilsM.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_BvecfromAvec.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_RiemannSolveAM.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_HLLE\_AM.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_Con2PrimAM.F90  
COMPILING configs/sim/bindings/build/ODESolvers/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_ODESolvers.a  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_SourceAM.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_Prim2ConAM.F90  
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro\_Prim2ConAM.f90:10462:  
53:

```
4112 | subroutine EOS_Omni_EpsFromPress (eoskey, havetemp, rf_precision, npoint
s, rho, eps, temp, ye, press, xeps, keyerr, anyerr)
      |                                                                                   2
```

```
.....
10462 |          drho,xeps,xtemp,xye,dpress,deps,keyerr,anyerr)
      |                                                                                   1
```

**Warning:** Rank mismatch in argument 'rho' (1/0) between (1) and (2)  
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro\_Prim2ConAM.f90:10459:  
48:

```
4169 | subroutine EOS_Omni_press (eoskey, havetemp, rf_precision, npoints, rho,
eps, temp, ye, press, keyerr, anyerr)
      |                                                                                   2
```

```
.....
10459 |          drho,xeps,xtemp,xye,dpress,keyerr,anyerr)
      |                                                                                   1
```

**Warning:** Rank mismatch in argument 'rho' (1/0) between (1) and (2)  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_TransformTensorBasis.c  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_Jacobian\_state.c  
Checking status of thorn TestProlongate  
COMPILING CarpetX/TestProlongate/src/test.cxx  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_PPMMReconstruct\_drv.F90  
COMPILING configs/sim/bindings/build/TestProlongate/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestProlongate.a  
Checking status of thorn TestSymmetries  
COMPILING CarpetX/TestSymmetries/src/init.cxx  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_ENOReconstruct\_drv.F90  
COMPILING configs/sim/bindings/build/TestSymmetries/cctk\_ThornBindings.c  
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn\_TestSymmetries.a  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_PPMReconstruct\_drv.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_WENOReconstruct\_drv.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_MP5Reconstruct\_drv.F90  
COMPILING EinsteinEvolve/GRHydro/src/GRHydro\_LastMoLPostStep.c

```

COMPILING EinsteinEvolve/GRHydro/src/GRHydro_TVDRconstruct_drv.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_WENOScalars.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_MP5Reconstruct.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Prim2Con.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_PPM.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_ePPM.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_PPMReconstruct_drv_opt.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_WENORReconstruct.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_TVDRconstruct.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_TrivialReconstruct.cc
Creating Formaline tarball for thorn ADMBaseX
Creating Formaline tarball for thorn BoxInBox
Creating Formaline tarball for thorn Carpet
Creating Formaline tarball for thorn IOHDF5
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_MP5Reconstruct.cc
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Wrappers.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_HLLE.cc
Creating Formaline tarball for thorn NoExcision
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Source.cc
Creating Formaline tarball for thorn PeriodicCarpet
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Source.F90
Creating Formaline tarball for thorn Poisson
Creating Formaline tarball for thorn ReadInterpolate
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Con2Prim.F90
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Con2Prim.f90:3518:58:

 3518 |          rho,epsilon,xtemp,xye,dpressbydeps,keyerr,anyerr)
      |                                                                    1
.....
 6973 |  subroutine EOS_Omni_DPressByDEps (eoskey, havetemp, rf_precision, npoint
      | s, rho, eps, temp, ye, dpdeprho, keyerr, anyerr)
      |                                                                    2
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Con2Prim.f90:3515:58:

 3515 |          rho,epsilon,xtemp,xye,dpressbydrho,keyerr,anyerr)
      |                                                                    1
.....
 6989 |  subroutine EOS_Omni_DPressByDRho (eoskey, havetemp, rf_precision, npoint
      | s, rho, eps, temp, ye, dpdrhoeps, keyerr, anyerr)
      |                                                                    2
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Con2Prim.f90:2746:64:

 2746 |          GRHydro_rho_min,xeps,xtemp,xye,pmin,epsmin,keyerr,anyerr)
      |                                                                    1
.....
 7005 |  subroutine EOS_Omni_EpsFromPress (eoskey, havetemp, rf_precision, npoint
      | s, rho, eps, temp, ye, press, xeps, keyerr, anyerr)
      |                                                                    2
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_Con2Prim.f90:2744:59:

 2744 |          GRHydro_rho_min,xeps,xtemp,xye,pmin,keyerr,anyerr)
      |                                                                    1
.....
 7062 |  subroutine EOS_Omni_press (eoskey, havetemp, rf_precision, npoints, rho,
      | eps, temp, ye, press, keyerr, anyerr)
      |                                                                    2
Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
Creating Formaline tarball for thorn TestCarpetGridInfo
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Eigenproblem.F90
Creating Formaline tarball for thorn WaveExtractL
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Eigenproblem_Marquina.F90

```

```

COMPILING EinsteinEvolve/GRHydro/src/GRHydro_ENOReconstruct.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_FluxSplit.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_HLLE.F90
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_HLLE.f90:2727:84:

2727 |   rho(i,j,k),eps(i,j,k),temperature(i,j,k),Y_e(i,j,k),cs2,keyerr,anyerr)
      |                                                                    1

.....
4457 |   EOS_Omni_cs2 (eoskey, havetemp, rf_precision, npoints, rho, eps, temp, ye,
      |               2
cs2, keyerr, anyerr)

Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_HLLE.f90:2714:67:

2714 |   rho(i,j,k),eps(i,j,k),xtemp,xye,dpdeps,keyerr,anyerr)
      |                                                                    1

.....
4402 |   subroutine EOS_Omni_DPressByDEps (eoskey, havetemp, rf_precision, npoint
      |                                   2
s, rho, eps, temp, ye, dpdeprho, keyerr, anyerr)

Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_HLLE.f90:2717:67:

2717 |   rho(i,j,k),eps(i,j,k),xtemp,xye,dpdrho,keyerr,anyerr)
      |                                                                    1

.....
4418 |   subroutine EOS_Omni_DPressByDRho (eoskey, havetemp, rf_precision, npoint
      |                                   2
s, rho, eps, temp, ye, dpdrhoeps, keyerr, anyerr)

Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
/home/anisha/Cactus/Cactus/configs/sim/build/GRHydro/GRHydro_HLLE.f90:2711:67:

2711 |   rho(i,j,k),eps(i,j,k),xtemp,xye,xpress,keyerr,anyerr)
      |                                                                    1

.....
4491 |   subroutine EOS_Omni_press (eoskey, havetemp, rf_precision, npoints, rho,
      |                               2
eps, temp, ye, press, keyerr, anyerr)

Warning: Rank mismatch in argument 'rho' (1/0) between (1) and (2)
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_HLLC.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_PPM.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_RoeSolver.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_Con2PrimM.F90
COMPILING EinsteinEvolve/GRHydro/src/GRHydro_WENOReconstruct.F90
Creating /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_GRHydro.a
Creating Formaline tarball for thorn CT_MultiLevel
Creating Formaline tarball for thorn CarpetEvolutionMask
Creating Formaline tarball for thorn CarpetIOASCII
Creating Formaline tarball for thorn CarpetIOBasic
Creating Formaline tarball for thorn CarpetIOHDF5
Creating Formaline tarball for thorn CarpetIOScalar
Creating Formaline tarball for thorn CarpetIntegrateTest
Creating Formaline tarball for thorn CarpetInterp
Creating Formaline tarball for thorn CarpetInterp2
Creating Formaline tarball for thorn CarpetReduce
Creating Formaline tarball for thorn CarpetRegrid
Creating Formaline tarball for thorn CarpetRegrid2
Creating Formaline tarball for thorn CarpetSlab
Creating Formaline tarball for thorn CarpetX
Creating Formaline tarball for thorn Coordinates
Creating Formaline tarball for thorn Interpolate2
Creating Formaline tarball for thorn NewRadX

```

Creating Formaline tarball for thorn ODESolvers  
Creating Formaline tarball for thorn TestProlongate  
Creating Formaline tarball for thorn TestSymmetries  
Creating Formaline tarball for thorn GRHydro  
Formaline: Creating configuration git repository...  
Formaline: Updating files in git repository...  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/Induction" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/Neutrinos" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/include" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/GRHayL\_Core" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/Con2Prim" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/Flux\_Source" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/EOS" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/Atmosphere" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.  
WARNING: Refusing to add "arrangements/GRHayL/GRHayLib/src/Reconstruction" as it is not a regular file at /home/anisha/Cactus/Cactus/configs/sim/scratch/Formaline/bin/update-git-repo.pl line 202, <STDIN> line 5999.

---

Creating cactus\_sim in /home/anisha/Cactus/Cactus/exe from ExternalLibraries/ADIOS2 EinsteinAnalysis/ADMAnalysis EinsteinBase/ADMBase CarpetX/ADMBaseX EinsteinBase/ADMCoupling Llama/ADMDerivatives EinsteinBase/ADMMacros EinsteinAnalysis/ADMMass Numerical/AEILocalInterp EinsteinAnalysis/AHFinder EinsteinAnalysis/AHFinderDirect ExternalLibraries/AMReX CarpetX/Arith ExternalLibraries/BLAS WWUThorns/Baikal WWUThorns/BaikalVacuum CactusBase/Boundary CarpetX/BoxInBox CTThorns/CT\_Analytic CTThorns/CT\_MultiLevel EinsteinAnalysis/CalcK Carpet/Carpet Carpet/CarpetEvolutionMask Carpet/CarpetIOASCII Carpet/CarpetIOBasic Carpet/CarpetIOHDF5 Carpet/CarpetIOScalar Carpet/CarpetIntegrateTest Carpet/CarpetInterp Carpet/CarpetInterp2 Carpet/CarpetLib Carpet/CarpetMask Carpet/CarpetProlongateTest Carpet/CarpetReduce Carpet/CarpetRegrid Carpet/CarpetRegrid2 Carpet/CarpetRegridTest Carpet/CarpetSlab Carpet/CarpetTracker CarpetX/CarpetX CarpetX/CarpetXRegrid CactusBase/CartGrid3D CactusNumerical/Cartoon2D EinsteinBase/Constants WWUThorns/Convert\_to\_HydroBase CactusBase/CoordBase EinsteinBase/CoordGauge Llama/Coordinates Llama/CoordinatesSymmetry CarpetX/CoordinatesX Carpet/CycleClock CactusSgrid/DNSdata CactusExamples/DemoInterp CarpetX/Derivs CactusNumerical/Dissipation EinsteinInitialData/DistortedBHIVP EinsteinAnalysis/EHFinder EinsteinBase/EOS\_Base EinsteinEOS/EOS\_Hybrid EinsteinEOS/EOS\_IdealFluid EinsteinEOS/EOS\_Omni EinsteinEOS/EOS\_Polytrope EinsteinExact/EinsteinExact\_Test CactusElliptic/EllBase CactusElliptic/ELLSOR CarpetX/ErrorEstimator EinsteinInitialData/Exact EinsteinAnalysis/Extract ExternalLibraries/FFTW3 EinsteinInitialData/FLRWSolver WWUThorns/FishboneMoncriefID CactusExamples/FleshInfo CarpetX/FluxWaveToyX CactusUtils/Formaline CactusBase/Fortran GRHayLET/GRHayLHD GRHayLET/GRHayLHDX GRHayLET/GRHayLID GRHayLET/GRHayLIDX GRHayL/GRHayLib EinsteinEvolve/GRHydro EinsteinEvolve/GRHydro\_InitData ExternalLibraries/GSL EinsteinExact/GaugeWave KranNumericalTools/GenericFD WWUThorns/GiRaFFE WWUThorns/GiRaFFE\_to\_HydroBase WWUThorns/GiRaFFFood Llama/GlobalDerivative ExternalLibraries/HDF5 CactusConnect/HTTPD CactusConnect/HTTPDExtra CactusExamples/HelloWorld Carpet/HighOrderWaveTest EinsteinBase/HydroBase CarpetX/HydroBaseX EinsteinAnalysis/Hydro\_Analysis EinsteinInitialData/Hydro\_InitExcision EinsteinInitialData/Hydro\_RNSID EinsteinInitialData/IDAnalyticBH EinsteinInitialData/IDAxibrillBH EinsteinInitialData/IDAxioOddBrillBH Einste

inInitialData/IDBrillData EinsteinInitialData/IDConstraintViolate EinsteinInitialData/IDFileADM EinsteinInitialData/IDLinearWaves CactusWave/IDScalarWave CactusWave/IDScalarWaveC CactusWave/IDScalarWaveCXX CactusWave/IDScalarWaveElliptic CactusExamples/IDWaveMoL WVUThorns/ID\_converter\_GiRaFFE WVUThorns/ID\_converter\_ILGRMHD CactusBase/IOASCII CactusBase/IOBasic CactusPUGHIO/IOHDF5 CactusPUGHIO/IOHDF5Util CactusIO/IOJpeg CactusBase/IOUtil GRHayLET/IllinoisGRMHD CactusBase/InitBase CactusNumerical/InterpToArray Llama/Interpolate2 EinsteinExact/KerrSchild ExternalLibraries/LAPACK ExternalLibraries/LORENE Lean/LeanBSSNMol Llama/LlamaWaveToy CactusNumerical/LocalInterp CactusNumerical/LocalInterp2 CactusNumerical/LocalReduce CarpetX/Loop Carpet/LoopControl McLachlan/ML\_ADMConstraints McLachlan/ML\_ADMQuantities McLachlan/ML\_BSSN McLachlan/ML\_BSSN\_Helper McLachlan/ML\_BSSN\_Test McLachlan/ML\_CCZ4 McLachlan/ML\_CCZ4\_Helper McLachlan/ML\_CCZ4\_Test McLachlan/ML\_WaveToy McLachlan/ML\_WaveToy\_Test ExternalLibraries/MPI CactusUtils/MemSpeed EinsteinInitialData/Meudon\_Bin\_BH EinsteinInitialData/Meudon\_Bin\_NS EinsteinInitialData/Meudon\_Mag\_NS EinsteinExact/Minkowski CactusNumerical/Mol EinsteinExact/ModifiedSchwarzschildBL EinsteinAnalysis/Multipole Lean/NPScalars Proca/NPScalars\_Proca EinsteinInitialData/NRPyeEllipticET ExternalLibraries/NSIMD CactusUtils/NaN Catcher CactusUtils/NaNChecker EinsteinEvolve/NewRad SpacetimeX/NewRadX CactusUtils/Nice EinsteinInitialData/NoExcision CactusUtils/NoMPI CactusNumerical/Noise CactusNumerical/Norms PITTNullCode/NullConstr PITTNullCode/NullDecomp PITTNullCode/NullEvolve PITTNullCode/NullExact PITTNullCode/NullGrid PITTNullCode/NullInterp PITTNullCode/NullNews PITTNullCode/NullPsiInt PITTNullCode/NullSHRExtract PITTNullCode/NullVars CarpetX/ODESolvers ExternalLibraries/OpenSSL EinsteinAnalysis/Outflow CactusPUGH/PUGH CactusPUGH/PUGHInterp CactusPUGH/PUGHReduce CactusPUGH/PUGHSlab CactusNumerical/Periodic Carpet/PeriodicCarpet CactusExamples/Poisson Proca/ProcaBase Proca/ProcaEvolve Proca/Proca\_simpleID EinsteinAnalysis/PunctureTracker EinsteinAnalysis/QuasiLocalMeasures EinsteinInitialData/ReadInterpolate Carpet/ReductionTest Carpet/ReductionTest2 Carpet/ReductionTest3 CactusNumerical/ReflectionSymmetry Carpet/RegridSyncTest EinsteinInitialData/RotatingDBHIVP CactusNumerical/RotatingSymmetry180 CactusNumerical/RotatingSymmetry90 ExternalLibraries/SGRID CarpetX/SIMDWaveToyX CactusExamples/SampleBoundary CactusExamples/SampleIO Scalar/ScalarBase Scalar/ScalarEvolve Scalar/ScalarInit WVUThorns/Seed\_Magnetic\_Fields EinsteinUtils/SetMask\_SphericalSurface EinsteinExact/ShiftedGaugeWave WVUThorns/ShiftedKerrSchild ExternalLibraries/Silo CactusNumerical/Slab CactusNumerical/SlabTest CactusConnect/Socket CactusNumerical/SpaceMask CarpetX/SpacetimeWaveToyX PITTNullCode/SphericalHarmonicDecomp PITTNullCode/SphericalHarmonicRecon PITTNullCode/SphericalHarmonicReconGen CactusNumerical/SphericalSurface CarpetX/StaggeredWaveToyX EinsteinBase/StaticConformal CactusNumerical/SummationByParts CactusBase/SymBase CactusUtils/SystemStatistics CactusUtils/SystemTopology CactusElliptic/TATeLLiptic EinsteinUtils/TGRtensor EinsteinInitialData/TOVSolver GRHayLET/TOVola CactusNumerical/TensorTypes CactusUtils/TerminationTrigger CarpetX/TestArrayGroup CactusTest/TestArrays CarpetX/TestBoundaries CarpetX/TextBoxInBox Carpet/TestCarpetGridInfo CactusTest/TestComplex CactusTest/TestCoordinates CarpetX/TestDerivs CactusTest/TestFortranCrayPointers CactusTest/TestFortranDependencies1 CactusTest/TestFortranDependencies2 CactusTest/TestFpointerNULL CactusTest/TestFreeF90 CactusTest/TestGlobalReduce CactusTest/TestInclude1 CactusTest/TestInclude2 CarpetX/TestInterpolate CactusNumerical/TestLocalInterp2 CactusNumerical/TestLocalReduce CactusTest/TestLoop Carpet/TestLoopControl CactusTest/TestMath CactusTest/TestMoL CarpetX/TestNorms CarpetX/TestODESolvers CarpetX/TestODESolvers2 CarpetX/TestOutput CactusTest/TestPar CarpetX/TestProlongate CactusTest/TestReadWrite CactusTest/TestReduce CactusTest/TestSchedule CactusTest/TestStrings CarpetX/TestSymmetries CactusTest/TestTable CactusTest/TestTimers CactusTest/TestTypes CactusBase/Time CactusExamples/TimerInfo CactusUtils/TimerReport Carpet/Timers EinsteinBase/TmunuBase CarpetX/TmunuBaseX CactusUtils/Trigger EinsteinInitialData/TwoPunctures Scalar/TwoPunctures\_BBHSF Proca/TwoPunctures\_KerrProca EinsteinExact/Vaidya2 CactusUtils/Vectors WVUThorns\_Diagnostics/VolumeIntegrals\_GRMHD WVUThorns\_Diagnostics/VolumeIntegrals\_vacuum CactusUtils/WatchDog CactusWave/WaveBinarySource Llama/WaveExtractL CactusExamples/WaveMoL CactusExamples/WaveToy1DF77 CactusExamples/WaveToy2DF77 CactusWave/WaveToyC CactusWave/WaveToyCXX CactusWave/WaveToyExtra CactusWave/WaveToyF77 CactusWave/WaveToyF90 CactusWave/WaveToyFreeF90 CarpetX/WaveToyX EinsteinAnalysis/WeylScal4 ExternalLibraries/hwloc ExternalLibraries/libjpeg ExternalLibraries/openPMD WVUThorns\_Diagnostics/particle\_tracerET ExternalLibraries/pthreads WVUThorns\_Diagnostics/smallbPoynET ExternalLibraries/yaml\_cpp ExternalLibraries/zlib

fatal: bad revision 'HEAD'

```

Formaline: Committing source tree to git repository...
Formaline: Created git tag build-sim-ANISHA.-anisha-2025.03.15-12.07.12-118368
Formaline: Updated git branch config-sim-ANISHA.-home-anisha-Cactus-Cactus
Formaline: Optimising git repository (slow only the first time)...
Formaline: Creating master git repository...
Formaline: Pushing to master git repository...
Formaline: Optimising git repository (slow only the first time)...
Formaline: Creating local git repository...
Formaline: Pushing to local git repository /home/anisha/Cactus/Cactus/./CactusSourceJar.git...
Formaline: Optimising git repository (slow only the first time)...
Formaline: Done.
Formaline: (Formaline has finished updating the git repositories.
Formaline: If the build process seems to hang, some other command
Formaline: is still running, e.g. the final link stage.)
/usr/bin/ld: /home/anisha/Cactus/Cactus/configs/sim/lib/libthorn_CarpetX.a(io_adios2.cxx.o): in function `CarpetX::carpetx_adios2_t::OutputADIOS2(_cGH const*, std::vector<bool, std::allocator<bool> > const&, std::__cxx11::basic_string<char, std::char_traits<char>, std::allocator<char> > const&, std::__cxx11::basic_string<char, std::char_traits<char>, std::allocator<char> > const&)' :
/home/anisha/Cactus/Cactus/configs/sim/build/CarpetX/io_adios2.cxx:218:(.text+0x11fe): undefined reference to `adios2::ADIOS::ADIOS(std::__cxx11::basic_string<char, std::char_traits<char>, std::allocator<char> > const&, ompi_communicator_t*, std::__cxx11::basic_string<char, std::char_traits<char>, std::allocator<char> > const&)'
/usr/bin/ld: /home/anisha/Cactus/Cactus/configs/sim/scratch/external/openPMD/lib/libopenPMD.a(ADIOS2IOHandler.cpp.o): in function `openPMD::ADIOS2IOHandlerImpl::ADIOS2IOHandlerImpl(openPMD::AbstractIOHandler*, ompi_communicator_t*, openPMD::json::TracingJSON, std::__cxx11::basic_string<char, std::char_traits<char>, std::allocator<char> >, std::__cxx11::basic_string<char, std::char_traits<char>, std::allocator<char> >)' :
/home/anisha/Cactus/Cactus/configs/sim/scratch/build/openPMD/openPMD-api-0.16.0/src/IO/ADIOS/ADIOS2IOHandler.cpp:94:(.text+0x1cf38): undefined reference to `adios2::ADIOS::ADIOS(ompi_communicator_t*)'
collect2: error: ld returned 1 exit status
make[1]: *** [/home/anisha/Cactus/Cactus/lib/make/make.configuration:150: /home/anisha/Cactus/Cactus/exe/cactus_sim] Error 1
make: *** [Makefile:265: sim] Error 2

```

```

In [15]: %%bash
          ./simfactory/bin/sim create-run helloworld \
          --parfile arrangements/CactusExamples/HelloWorld/par/HelloWorld.par

```

```

Warning: Current Working directory does not match Cactus sourcetree, changing to /
home/anisha/Cactus/Cactus
Parameter file: /home/anisha/Cactus/arrangements/CactusExamples/HelloWorld/par/HelloWorld.par
Error: Executable /home/anisha/Cactus/Cactus/exe/cactus_sim for configuration sim
does not exist or is not readable
Aborting Simfactory.

```

```

In [ ]:

```