

Simulation Factory

Michael Thomas, Erik Schnetter
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Simulation Factory

- Make it easier to run simulations on supercomputers (since 2006)
 1. login, transfer source code
 2. configure and build
 3. submit / restart simulations
 4. [manage simulation data]

Why?

- Simplify things that are needlessly cumbersome and tedious
- Prevent common errors (“stupid errors”)
- Incorporate advice from experienced users (best practices)
- Help new users get started quickly; also help old users on new machines

Machine Database

- *Machine Database* contains information on many machines
- Describes how to do common operations (login, configure, submit, ...)
- Knows where a supercomputer may be non-standard and require extra commands to achieve a task

Pointers

- Old web site: <http://www.cct.lsu.edu/~eschnett/SimFactory/>
- New web site: <http://simfactory.org/>
- How-to: <http://docs.einsteintoolkit.org/et-docs/>
[Simulation_Factory_Advanced_Tutorial](#)