Unified diff: step5_pi_checkpoint vs. step6_pi_mpi

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Files step5 pi checkpoint/CMakeLists.txt and step6 pi mpi/CMakeLists.txt are identical
diff -N -u -r -b -s step5 pi checkpoint/main.cpp step6 pi mpi/main.cpp
--- step5 pi checkpoint/main.cpp
                                        2016-06-15 14:12:52.874919385 -0400
+++ step6 pi mpi/main.cpp
                                2016-06-15 13:43:10.271002476 -0400
aa -1,29 +1,39 aa
#include <iostream>
#include <alps/mc/stop callback.hpp>
+#include <alps/mc/mpiadapter.hpp>
#include "simulation.hpp"
int main(int argc, char** argv)
{
     // Define shorthand:
     typedef MySimulation mysim type;
     typedef alps::mcmpiadapter<MySimulation> mysim type;
     // init MPI, obtain communicator
     alps::mpi::environment mpi env(argc, argv);
     alps::mpi::communicator comm;
     // remember the rank
     const int rank=comm.rank();
     const bool is master=(0==rank);
     // Parse the parameters
     alps::params p(argc, (const char**)argv);
     alps::params p(argc, (const char**)argv, comm);
     // Define the parameters
     mysim type::define parameters(p)
         .define<std::size t>("timelimit", 5, "Time limit for the computation");
    mysim type::define parameters(p);
     if (p.help requested(std::cerr) || p.has missing(std::cerr))
         return 1:
     std::cout << "Creating simulation"</pre>
              << " on rank " << rank
+
               << std::endl:
    mysim type mysim(p);
    mysim type mysim(p,comm);
     // If needed, restore the last checkpoint
     std::string checkpoint file = p["checkpoint"].as<std::string>();
    if (!is_master) checkpoint_file += "."+boost::lexical_cast<std::string>(rank);
     if (p.is restored()) {
         std::cout << "Restoring checkpoint from " << checkpoint_file</pre>
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}
     std::cout << "Starting simulation"</pre>
               << " on rank " << rank
                << std::endl;
     mysim.run(alps::stop callback(std::size t(p["timelimit"])));
     std::cout << "Simulation finished"</pre>
               << " on rank " << rank
                << std::endl;
     std::cout << "Saving to checkpoint " << checkpoint_file</pre>
               << " on rank " << rank
+
               << std::endl:
     mysim.save(checkpoint_file);
     std::cout << "Collecting results..."</pre>
               << " on rank " << rank
+
               << std::endl;
     alps::accumulators::result set results=mysim.collect results();
     // Do printing only on master:
     if (is master) {
     // Print all results:
     std::cout << "All results:\n" << results << std::endl;</pre>
@a -78,6 +94,7 @a
     alps::hdf5::archive ar(output file, "w");
     ar["/parameters"] << p;</pre>
     ar["/simulation/results"] << results;</pre>
     return 0;
 }
Files step5 pi checkpoint/simulation.cpp and step6 pi mpi/simulation.cpp are identical
Files step5 pi checkpoint/simulation.hpp and step6 pi mpi/simulation.hpp are identical
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@ -32,23 +42,29 @