Unified diff: step3_trivial_mc vs. step4_pi

```
Files step3 trivial mc/CMakeLists.txt and step4 pi/CMakeLists.txt are identical
diff -N -u -r -b -s step3 trivial mc/main.cpp step4 pi/main.cpp
                                 2016-06-15 14:36:21.094853744 -0400
--- step3 trivial mc/main.cpp
+++ step4 pi/main.cpp
                        2016-06-15 14:36:39.478852887 -0400
@ -28,10 +28,34 @
     mysim.run(alps::stop callback(std::size t(p["timelimit"])));
     std::cout << "Simulation finished"</pre>
               << std::endl
               << "Collecting results..."
+
               << std::endl;
     alps::accumulators::result set results=mysim.collect results();
     // Print all results:
     std::cout << "All results:\n" << results << std::endl;</pre>
     // Access individual results:
     const alps::accumulators::result wrapper& obj=results["objective"];
     std::cout << "Simulation ran for "</pre>
               << mysim.count()
               << obj.count()
+
               << " steps." << std::endl;
     // should get $\pi$:
     const alps::accumulators::result wrapper& pi res=obj*4.;
     std::cout << "Mean: " << pi res.mean<double>() << std::endl;</pre>
     std::cout << "Error: " << pi res.error<double>() << std::endl;</pre>
     std::cout << "Range: "</pre>
               << pi_res.mean<double>()-pi res.error<double>()
               << pi_res.mean<double>()+pi_res.error<double>()
               << std::endl;
     std::cout << "Autocorrelation length: "</pre>
               << pi res.autocorrelation<double>()
               << std::endl;
     return 0;
 }
diff -N -u -r -b -s step3 trivial mc/simulation.cpp step4 pi/simulation.cpp
--- step3 trivial mc/simulation.cpp
                                         2016-06-15 12:00:13.967290368 -0400
+++ step4 pi/simulation.cpp 2016-06-15 12:31:08.191203939 -0400
Files differ
```

```
diff -N -u -r -b -s step3 trivial mc/simulation.hpp step4 pi/simulation.hpp
                                        2016-06-15 12:07:16.203270687 -0400
--- step3 trivial mc/simulation.hpp
+++ step4 pi/simulation.hpp 2016-06-15 12:27:23.359214419 -0400
@ -1,14 +1,25 @@
 #pragma once
 #include <alps/mc/mcbase.hpp>
+#include <alps/accumulators.hpp>
 class MySimulation : public alps::mcbase {
   private:
    int istep;
     int maxcount ;
     bool verbose;
    long burnin ;
    long maxcount_;
     double stepsize;
    long istep ;
    double x ,y ;
   public:
     // These we need for the simulation.
     static bool is inside area(double x, double y);
     static double objective function(double x, double y);
     // Accumulator type to collect observables.
     typedef alps::accumulators::FullBinningAccumulator<double> my_accumulator_type;
    MySimulation(const parameters type& params, std::size t seed offset=0);
     void update();
@ -16,6 +27,4 @@
     double fraction completed() const;
     static parameters type& define parameters(parameters type&);
     int count() { return istep_; }
 };
```