



parallel tools platform

<http://eclipse.org/ptp>

A New and Improved Eclipse Parallel Tools Platform: Advancing the Development of Scientific Applications

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July 14, 2011

Portions of this material are supported by or based upon work supported by the Defense Advanced Research Projects Agency (DARPA) under its Agreement No. HR0011-07-9-0002, the United States Department of Energy under Contract No. DE-FG02-06ER25752, the Blue Waters sustained petascale computing project, which is supported by the National Science Foundation under award number OCI 07-25070, and the SI2-SSI Productive and Accessible Development Workbench for HPC Applications, which is supported by the National Science Foundation under award number OCI 1047956





Tutorial Outline

Time (Tentative!)	Module	Topics	Presenter
11:15-11:45	1. Overview of Eclipse and PTP	<ul style="list-style-type: none"> ✦ Introduction to Eclipse/PTP; demo 	Jay
11:45-12:00	2. Installation	<ul style="list-style-type: none"> ✦ Confirm Eclipse and PTP installation done by students before the tutorial 	Jay/Galen
12:00 – 1:00	Lunch		
1:15-2:15	3. CDT: Working with C/C++ Remote Projects	<ul style="list-style-type: none"> ✦ Eclipse basics; Creating a new project ✦ Building and launching remotely 	Jay
2:15-2:45	Linux Tools	<ul style="list-style-type: none"> ✦ Linux Tools: code profiling and coverage 	Galen
2:45-3:00	Q&A/Catch-up		Jay/Galen
3:00-3:15	BREAK		
3:15-4:45	4. Working with MPI	<ul style="list-style-type: none"> ✦ Makefiles, PLDT MPI tools ✦ Resource Managers ✦ Launching a parallel application 	Jay
4:45-5:00	8. Other Tools, Wrapup	<ul style="list-style-type: none"> ✦ NCSA HPC Workbench, Other Tools, website, mailing lists, future features 	Jay/Galen

Final Slides, Installation Instructions

- ★ Please go to <http://wiki.eclipse.org/PTP/tutorials/TG11> for slides and installation instructions