Performance Optimisation on Cray XT Systems
EPCC
Edinburgh
15/9/10

Outline

- 9:30 – 11:00: Introduction to the Cray XT Programming Environment
- 11:00-11:30: Tea
- 11:30-12:30: Cray MPI and Optimizing for the Cray XT
- 12:30-13:30: Lunch
- 13:30-14:30: Cray Performance Tools
- 14:30-15:00: Tea
- 15:00-17:30: Practical Session

Practical Stuff

- Location of slides – http://www.hector.ac.uk/coe/
- Afternoon practical session
  - Focused on compiling and running your code on a Cray XT system
  - Performance analysis of your application
  - Ideally use your own code….
  - But we can provide an OpenMP/MPI benchmark code if you don't have one – find this with the slides.
- Machine – HECToR XT4 TDS system – XT4 QC system
  - tds1.hector.ac.uk
  - Logins and passwords to come