Cray MPI Update

SC13 MPICH BOF
November 2013

Cray Message Passing Toolkit (MPT) 6.0

- **Released June 2013**

- **Based on MPICH 3.0.3**

- **Supports all MPI-3 new features except Tools Interface and F08 Bindings**

- **Includes optimizations for non-blocking collectives on Cray XC, XE and XK systems**

- **Includes optimizations for MPI-3 RMA for Cray XC systems**
  - Support for Cray XE and XK systems coming in March 2014

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Cray MPI Current Activities

- **Participant in the MPICH ABI compatibility initiative**

- **Implementation of F08 bindings with MPICH group and Cray compiler team in progress**
  - Will contribute MPI library code to MPICH group for distribution in 2014

- **Plan to release MPT 7.0 in June 2014**
  - Based on MPICH 3.1
  - Supports all new MPI-3 features
  - MPICH ABI compatible