







## **Current Status**

- Stable release: v1.1.2
  - v1.1.3 expected "soon"
- Upcoming release: v1.2
  - Stability and scalability improvements
  - Sun / Solaris / N1GE / uDAPL support
  - Better MX support
  - InfiniPath support
  - TotalView message queue support
  - …and more







## **Future Development Plans**

- Scalability improvements
  - Faster, more reliable launching
  - OpenIB Unreliable Datagram (UD) support
- IPv6 support
- Heterogeneous architecture support
- Microsoft Windows support

## Open MPI as a Research Platform

- Highly portable source code
- Limited requirements on architecture
  - C / C++ compiler
  - TCP stack or pre-wired network
  - Unix-like environment (Windows coming soon)
- Straight forward interconnect interfaces
  - Reliable RDMA
  - Unreliable send/receive
  - Matching send/receive









## **Open OMPI SC06 Events**

- iPod giveaways!
- Booth talks today
  - 1:30 IU/Past, present future
  - 3:00 Sun/Open source HPC
- Tomorrow
  - 11:00 Mellanox/OMPI and IB
  - 11:30 ORNL/Overview
  - 1:40 Microsoft/Windows OMPI
  - 3:30 ASC/Fault Tolerance
  - 4:00 ORNL/Overview
  - 4:00 IU/OMPI Research
  - 4:00 AIST/Heterogeneity





