

Performance Analysis and Comparison of MPI, OpenMP and Hybrid NPB – MZ

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Weekly Report (July 25 – August 1)

Main Tasks:

- Developed my poster.
 1. Handed in my poster.
- Finish my paper.
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- Finish my website.
 1. Handed in the website link.(<http://students.cs.tamu.edu/hjmachin/>)
- Collected again the processor partitioning scheme results on Hydra but did not get a clear pattern.
- Could not collect all performance results for 256 and 512 processors on Hydra.
- Went to a group meeting with Dr. Wu and Tim where we practiced how to present our posters.
- Went to the REU Poster Presentation on Wednesday July 30, 2008.
- Went to the USRG Poster Presentation on Friday August 1, 2008.

Main Goals for future:

- Hardware-level performance analysis with hpmcount for deeper understanding of the results of my research.
- Apply the same kind of analysis done in this research to other HPC and scientific computing applications.