

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

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Main Tasks:

- Developing the Scalability Analysis:
 1. Got out of allocation hours on Hydra.
 2. Handed in the first version of the Scalability Analysis.
 3. Almost finished collecting performance results for MPI.
 4. Noticed the difference on the performance results between DataStar and Hydra.
- Went to a group meeting with Dr. Wu, Sameh, Coker and Timothy where we discussed Yelick's paper.

Main Goals for future:

- Continue with the Scalability Analysis on up to 1024 processors (with increasing number of processors and problem sizes) for OpenMP and Hybrid NPB - MZ.
- Continue editing the scalability analysis document.

Need Help:

- I need some kind of guidance on how I am going to resume visually the great amount of data that I am getting from the output files.