Debugging

Overview

Debugging and optimization of code help not only the individual user's code but also results in systems to run more efficiently. A 20% increase in a code's efficiency can greatly reduce time required for a batch job and can result in significantly more research to be accomplished over time.

Debuggers

Intel IDB

http://www.intel.com/software/products/compilers/docs/cmac/idb/

GNU
## Profilers

**Totalview**

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<th>PBS Script Generator</th>
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<td>An interactive tool that generates PBS script based on user's input. Check <a href="http://www.gnu.org/software/gdb/documentation/">this page</a> for more details.</td>
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**Front-Line HPC Consulting**

HPC consultations are available once a week, Monday 1-3 PM. Appointments are required. Please make an appointment at [hpc@nyu.edu](mailto:hpc@nyu.edu).