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

PBS Script Generator
An interactive tool that generates PBS script based on user's input. Check this page for more details.

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.