

I'll be presenting the 'Debugging and profiling HPC applications' this afternoon - and also be at the hands-on to help you with either some example codes, or with your own codes.

The tools are available on Cooley and the BlueGenes at Argonne, plus many of the machines you will have access to at your home institutions.

My favorite way to use tools is either my own laptop (Linux) - or using a remote client (Mac, Windows, Linux) to connect to a remote system such as Cooley.

To help get you started for the evening session:

- * No license is required to use Cooley or Mira - all is set up and ready to use.
- * Life is sweeter with the remote client - Forge is the name for DDT (debugger) and MAP (profiler) combined user interface. Visit

<http://www.allinea.com/products/forge/download>

to download what you need for Linux (Forge), or remote-client for Windows or Mac.

ALCF have great material for helping you get ready on Mira/Vestus/Cetus - use Option A for the faster route:

<http://www.alcf.anl.gov/user-guides/allinea-ddt> (for BlueGene/Q)

For Cooley - follow the above with the obvious substitutions of machine name.

- * Download materials for exploring:

https://s3-eu-west-1.amazonaws.com/com.allinea.resources/trial_package.tar.gz

If you want to debug/profile applications running on your own Linux laptop - visit <http://www.allinea.com/trials>