

Service Area Overview

- Jen Schopf is acting area lead
 - ◆ This is going to change a soon as I can wrangle it
- Shift in staffing
 - ◆ Keith on medical leave
 - ◆ Shift from pyGlobus to RAVi (Remote Application Virtualization Infrastructure)
 - ◆ Still sorting out how much LBNL effort will be spent on backend (Workspace) vs front end (RAVi)

RAVi (Remote Application Virtualization Infrastructure)

- Authorization framework
 - ◆ PyGlobus does not have the extensive GT4 authorization framework, while that RAVi gets for free from its use of the Introduce tool and GT4 core.
- Strong typing
 - ◆ PyGlobus used only primitive types where as RAVi is integrated with Global model exchange to create strongly typed services.
- Hosting container maturity
 - ◆ Python as a language is still catching up with Java in terms of hosting containers and their stability. In general, Java as a platform has far richer tooling than does Python.
- RAVi has been developed in part to support the bioinformatics caGRID project
- A dev.globus incubator project as well