

OSG - Glue and Gin - Past Work

- Trillium co-led the Glue work to meet the needs of applications and stakeholders.
- OSG continues with the principals of interoperation driven by the application communities needs.

OSG Today



- Activities are driven by needs of the users.
- Is a national infrastructure that is powered by campus grids and community (VO) grids.
- Includes the Virtual Data Toolkit - a common integrated package of middleware that brings together "best practice" and is maintained by a community driven effort
- Focuses on integrated common and consistent operational security framework.
- Uses a common, distributed Build and Test infrastructure and procedures - based on NMI in the US and compatible with ETICS in Europe.

OSG - Glue and Gin - Future Work

- Continue to contribute to the GLUE V1.3 and V2.0 work for Information Systems interoperation.
 - We want to revisit the implementation architecture and modularity of information services for V2.0 not just extend/revise schema.
- Continue work towards common middleware distribution and collections.
- Extend the Common Build and Test Environment.
- Goal to have single Virtual Data Toolkit-client installation to allow access to TeraGrid, EGEE, OSG, others.. ?
- Work with the applications to support data movement and job execution across grids:
 - TeraGrid-OSG e.g. Gadu, Nanohub
 - EGEE-OSG e.g. LHC experiments.
 - PRAGMA-OSG e.g. interchange of applications to discover differences in environments.

OSG Contributions to GIN 2007

- Proposal to include application submission across multiple grid infrastructures as a driver in the revised GIN charter, and continue with interoperability work in this area.
- Provide common build and test environment for common middleware and testing.