

OSG Interface to Satellite Proposals/Projects

The Open Science Grid project undertakes certain work for the OSG Consortium and stakeholders by deploying staff funded in the “core” project using budget support provided by DOE and NSF to the OSG Project. In addition, OSG coordinates with and leverages the work of many other projects that collaborate with OSG in different ways.

The purpose of this document is to clarify 1) when proposals/projects are viewed as OSG satellites, 2) classify such satellites into specific types and define how OSG interacts with those projects. Proposals become projects when they are funded; as proposals they may be pending action by funding agencies or may be denied. As funded projects, they are either active or complete or terminated (for various reasons).

Two pre-requisites must be satisfied to qualify as a satellite proposal/project:

- OSG was involved in the planning process and there was communication and coordination between the proposal’s PI and OSG Executive Team before submission to agencies
- OSG commits support for the proposal and/or future collaborative action within the OSG project

Satellite proposal/projects are classified into four major types and described below along with a current listing of satellite projects.

Type 1:

- a) **Definition:** Projects that plan to provide capabilities (including testing and certification) or services that will be made available to OSG stakeholders using the OSG infrastructure.
- b) **Interface Methodology:** OSG Executive team serve as the interface to these projects. We jointly document a short (~3 pages) synopsis of work goals, milestones and planned deliverables into OSG, current status/progress. This document is updated at least quarterly and serves as the basis for joint quarterly (phone) meetings between the project and OSG to understand issues and progress and refine goals; these meeting will include the OSG area coordinators whose areas serve as the conduit for this project to deliver via the OSG infrastructure. As appropriate, the OSG project manager will include these milestones into the WBS so as to inform the rest of the OSG staff; but the OSG project manager does not serve as the person responsible for “driving” progress on these milestones which remains

the responsibility of the project PI. These projects are asked to contribute to the OSG annual report.

c) Current Enumeration:

- 1) Student Funding for ISSGC '09, (Jha - complete)
- 2) CI Team (McGee - active)
- 3) Adopt-a-Cluster (Livny - active)
- 4) 100 Gigabit Testing (Livny - active)
- 5) ExTENCI (Avery – proposal pending)
- 6) TG/OSG 2010 Student Workshops (Richard Moore – proposal pending)

Type 2:

a) Definition: Projects that work to directly meet the needs of OSG stakeholders and the resulting work is expected to be “back ported” into the OSG infrastructure (e.g. software that becomes part of the VDT).

b) Interface Methodology: The OSG Executive team will appoint a project liason who serves as the OSG interface to each of these projects. We jointly document a short (~3 pages) synopsis of work goals, milestones and planned deliverables into OSG, current status/progress; the intent is to only cover the milestones that represent completion points from which the “back port” into OSG can commence. This document is updated at least quarterly and serves as the basis of joint quarterly (phone) meetings between the project and OSG liason to understand issues and progress; these meeting will include the OSG area coordinators whose areas will be affected by the “back porting” work. These projects are asked to contribute to the OSG annual report.

c) Current Enumeration:

- 1) Gratia Extensions (Cottingham – proposal denied)
- 2) MyOSG (Quick – proposal pending)
- 3) XrootD (Hanuvesky – proposal pending)
- 4) CorralWMS (Deelman – active)

Type 3:

a) Definition: Projects that work to directly meet the needs of OSG stakeholders and the resulting work is not expected to be “back ported” into the OSG infrastructure – typically this is extensions work that will become part of the stakeholders application software stack.

b) Interface Methodology: The OSG Council provides the mechanism for these projects to keep the OSG community informed of their work; a quarterly update and

active presence at the OSG Consortium All Hands meeting is encouraged. These projects are asked to contribute to the OSG annual report.

c) Current Enumeration:

- 1) Pegasus (Deelman - active)
- 2) CI Logon (Basney - active)
- 3) DISUN (Wuerthwein – active)
- 4) CIDays (Hobby – active)

Type 4:

a) Definition: Projects that use OSG outputs for further research; they may provide intellectual feedback to OSG but do not substantially change the OSG infrastructure. These projects are generally expected to produce outputs for the funding agencies and other collaborations that have the potential for positive impact on OSG.

b) Interface Methodology: The OSG Council provides the mechanism for these projects to keep the OSG community informed of their work; a quarterly update is encouraged.

c) Current Enumeration:

- 1) VOSS (Herbsleb - active)
- 2) VOSS (Ribes – active)