

OSG Satellite Project and Interface to OSG Core

OSG Ecosystem benefits from and relies on satellite/docked projects

Today we propose to

- 1) Review Current Projects and discuss the interests of OSG core in those projects;
- 2) Discuss other satellites that OSG want to promote or be a catalyst for

Our Current Approach and designated interfaces to Satellites is documented at

<https://twiki.grid.iu.edu/bin/view/Management/OSGSatelliteProjects>

What/how do we want to coordinate with the various satellite projects? And clarify our interface and liaison for each.

Type 1 Satellite Projects

Definition

Type 1 Satellite Projects are defined as Projects that plan to provide capabilities (including testing and certification) or services that will be made available to OSG stakeholders using the OSG infrastructure.

Interface

Individual OSG Executive team members, usually via the OSG project manager, serves as the interface to these projects. We jointly document a short synopsis of work goals, milestones and planned deliverables into OSG, expectations from OSG, and current status/progress. This document is updated 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 meetings are scheduled by the OSG Project Manager as part of the ongoing Area Coordinator meetings which already has the appropriate OSG personnel in attendance to 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. These projects are asked to contribute to the OSG annual report.

Projects

The following is a list of Type 1 Projects (their Leader) and Responsible OSG Executive Team Member:

- [Any Data, Any Time, Any Where](#) (Ken Bloom) - Frank Wuerthein
- [HTPC](#) aka Adopt-a-Cluster (Dan Fraser) - Ruth Pordes
- dV/DT - Miron Livny
- [ExTENCI](#) (Paul Avery) - Ruth Pordes
- OSG/TG 2012 Student Workshops? - Tim Cartwright
- Lark Proposal (proposed) - Brian Bockelman
- OSG PKI Project - Von Welch

Type 2 Satellite Projects

Definition

Type 2 Satellite Projects are defined as Projects that work to directly meet the needs of OSG stakeholders and the resulting work is expected to be “included” in the OSG at some future time; examples include software that becomes part of the VDT or testing and characterization of grid capabilities that contribute to advancing the OSG infrastructure and principles. A project of a research nature, where the result is unknown at the outset, might naturally fit as a Type 2 project.

Interface

Individual OSG Executive Team Members, usually via the OSG project manager, serves as the interface to each of these projects. We jointly document a short synopsis of goals, planned deliverables, expectations from OSG, and current status/progress; the intent is to only cover the “touchpoints” between the satellite project and the core OSG project. This document is updated quarterly and serves as the basis of joint quarterly (phone) meetings between the satellite project and the OSG Area Coordinators to understand issues and progress. These projects are asked to contribute to the OSG annual report.

Projects

The following is a list of Type 2 Projects and the Responsible OSG Executive Team Member:

- [100 Gigabit](#) Testing (Frank Wuerthwein) - Miron Livny
- [CorralWMS](#) (Ewa Deelman, Burt Holzman) - Ruth Pordes
- DASPOS (proposed) - Michael Ernst
- Panda Continuation -
- iSGTW (proposed) - Bill Barnett/Rob Quick

Type 3 Satellite Projects

Definition

Type 3 Satellite Projects are defined as Projects that use OSG outputs for further research; they may provide intellectual feedback to OSG but do not substantially change the OSG infrastructure or directly impact the OSG stakeholders. These projects are generally expected to produce outputs for the funding agencies and other collaborations that have the potential for positive impact on OSG.

Interface

The OSG Council provides the mechanism for these projects to keep the OSG community informed of their work; a quarterly or semi-annual update is encouraged. The OSG Liaison is responsible for maintaining contact with the project and preparing the updates to the Council.

Projects

The following is a list of Type 3 Projects and their Leader and OSG Liaison:

- NSF Security Institute (proposed) - Von Welch

Completed Satellites

- [CI Team](#) (John McGee) - Ruth Pordes
- [OSG/TG 2011 Student Workshops](#) - Jim Weichel (Project Complete)
- [OSG/TG 2010 Student Workshops](#) (Richard Moore) - Ruth Pordes (Project Complete)
- [Funding US Students to Attend the International Summer School on Grid Computing \(ISSGC09\)](#) (Jha Shantenu) - Ruth Pordes (Project Complete, [See Documentation](#))

These two projects are part of the NSF [VOSS \(Virtual Organizations as Sociotechnical Systems\) Program](#):

- [Socio-technical Ecosystems for Scientific Software Development](#) See also: [CMU-OSG Scientific Software Ecosystems Meeting](#) (Jim Herbsleb, Carnegie Mellon) - Jim Weichel (Project Complete)
- [VOSS: Delegating Organizational Work to Virtual Organization Technologies: Beyond the Communicational Paradigm](#) (David Ribes, Georgetown University) - Jim Weichel (Project Complete)