Upcoming OSG Software Plans

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OSG Software recap

December 2011

OSG 3.0 Released!
- RPM-based
- RHEL 5, CentOS 5, and SL5
- Almost everything included
  - Missing GUMS & Gratia

January – March 2012

Steady stream of improvements
- Software upgrades (Globus, Condor, Bestman…)
- Streamlining/Bug fixes (osg-configure, RSV, Gratia…)
- SL6 support (worker node)

Short-term improvements

Open Science Grid

> **Goals:**
>
> We want OSG Software 3.0 to be perfect for you.
>
> We want you to have a smooth, easy transition.

We're not quite there yet, but your feedback will help us get there.

Improvement #1: Bug fixes

- Bugs in Globus, Gratia integration, etc
- Expect bug release *soon*, within 1-2 weeks
  - Many bug fixes are in testing already
  - Working through a few remaining bugs

Improvement #2:
Add back missing functionality

- GUMS
  - In testing/evaluation right now
  - Release end of March, if it goes well

- Gratia Service
  - In development right now
  - Release in April?

- Equivalent to " vdt-control --off "
  - Feedback? How much do you care?

Improvement #3:
Scientific Linux 6 support

- Today: Fully supported on worker nodes
- Client & CE are in testing
  - Tomcat issues to explore
- Goal: Early April for CE + SE
  - Unless bug fixes/missing functionality go slowly
- Feedback: How urgent is SL6 for you?
  - For Compute Element?
  - For Storage Element?

Medium-term improvement: Testing

- We have daily automated testing
  - Install software on VM
  - Run suite of functionality tests
  - Extremely useful! But it is rather light
- Expand functionality coverage
- Expand platform coverage
  - Especially pre-release versions: the canary in the mine
- This is (hopefully) invisible, but essential to your happiness.

I have questions for you

- When do you deploy new point releases of Scientific Linux? (e.g. 5.8)
  - Let your system auto-update?
  - Update N weeks after release, to let mirrors and bugs settle?
  - How do you deal with mirrors that are behind the times?

- If we validated new SL point releases with OSG Software *after* they were released, would that be okay? Too slow?

I have more questions for you

- What are your concerns?

- What do we need to fix so that you are completely happy?

- Once you are taking data, how hard will it be for you to take the updates we provide?

Questions for me?
Feedback?

Terry Border