



Enabling Grids for E-scienceE

## Information and Monitoring Status and Plans

*JRA1 All-Hands, NIKHEF, 20-22 February 2008*

*Antony Wilson/RAL on behalf of JRA1-UK*

[www.eu-egee.org](http://www.eu-egee.org)  
[www.glite.org](http://www.glite.org)



- **R-GMA**
  - Stable
  - Coding of new design complete
  - Testing continues
- **bdll**
  - Stable
- **SD**
  - Stable
  - SAGA code complete
    - Sorting out ETICS

- **patch #1639:** RGMA glue-archiver fix for bug #27538 and #27595 - Ready for certification
- **patch #1606:** R-GMA flexible archiver fix for bug #24007 - Ready for certification
- **patch #1558:** Replacement patch for R-GMA patch #1426 - Ready for certification
- **patch #1537:** glite-MON for gLite 3.1 / SL4 - Ready for certification

- **Includes:**
  - Services:
    - Primary Producer
    - Secondary Producer
    - Consumer
    - Schema
    - Registry
    - Browser
    - Inspector
  - Facilities
    - Single servlet
    - Task Manager
    - Tuple Store
    - Multiple VDBs
    - Authz
    - Replication of schema and registry
    - Improved streaming
- **Excludes:**
  - Services:
    - On Demand Producer
  - Facilities:
    - Oracle support

- **Our testing framework has been overhauled**
  - Make it easier to run for those tests involving many machines
  - It includes simulations of various R-GMA applications that can be run in parallel for a long period

- **Patch #1537 gLite 3.1 MON Box**
  - We need this to be rolled out prior to our new code being released
- **Update schema to include new default columns**
  - In units of SP
- **Update registry with special temporary version along with the new schema**
- **Release new code to sites**
  - Compatibility maintained with old code
- **After majority of sites have updated**
  - Update existing registry to new code
    - Old code will NOT work with the new Registry
  - Configure registry replicas:
    - Enables registry replication
  - Introduce new virtual databases

- **SD API Specification**
  - Almost ready to go for public comment
- **Implementation**
  - SD core in the SAGA CVS and going into ETICS as an external
  - bdll and R-GMA C++ adapter/plugin is working (in gLite CVS)
  - Wrapper to look like existing gLite SD completed
    - Mainly for testing
  - Python wrapper is being worked on