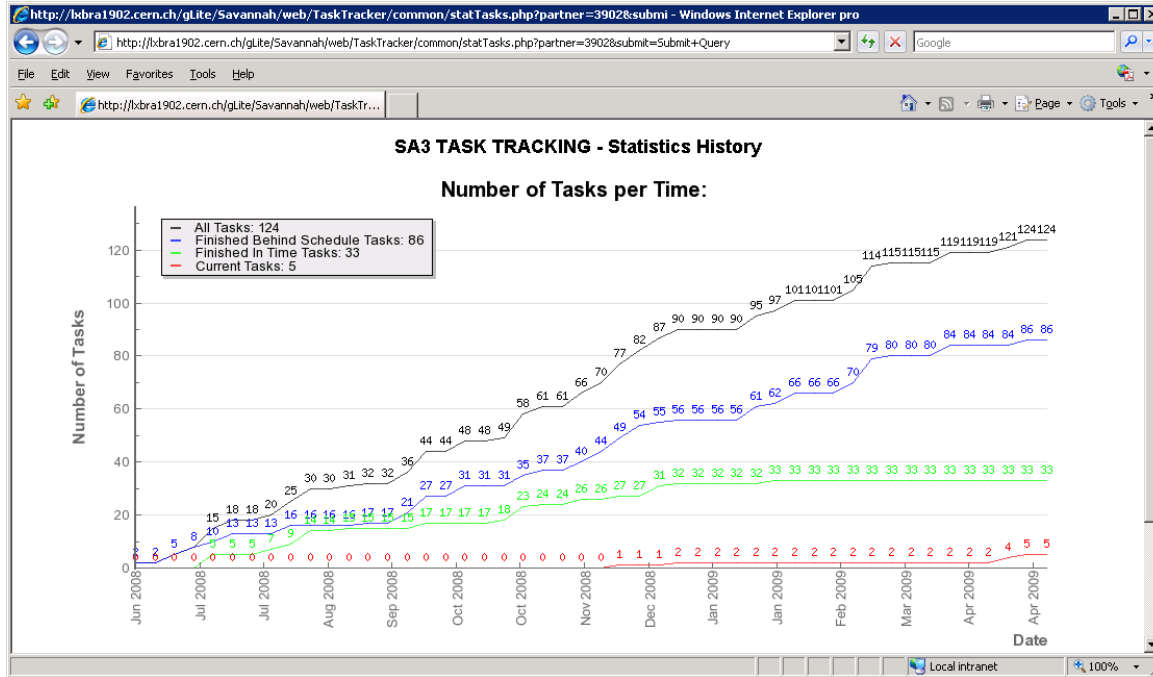


Partner report - CERN

Andreas Unterkircher, CERN

JRA1/SA3 All Hands Meeting, Nicosia 2009

- **Departures: Di Qing, Felix Ehm**
- **New arrivals/roles:**
 - Andrew Elwell: Patch certification coordination.
 - David Horat: Glue, Information system.
 - Louis Poncet: Release preparation, testbed.
 - Maria Alandes: Release preparation, YAIM.
 - Visitors from Taiwan and Russia.



• ~ 60 tasks since Nov. 08

- **gLite 3.1 highlights since Nov. 08**
 - VOMS updates to fix outstanding issues raised by users
 - HYDRA
 - Continuous CREAM updates
 - Substantial WMS update
 - VDT update (gridFTP2 support)
 - SCAS in PPS, glexec in certification
- **gLite 3.2 highlights (SL5/x86_64)**
 - Introduced SL5/x86_64 WN
 - Certification of UI under way
 - BDII, DPM, LFC in the pipeline
 - Debian 4 WN under way

- **Analysis of 2009 showed that problems occurred in production because**
 - Reliance on unsupported functionality
 - Reliance on obsolete services
 - Usage of alternative fabric management
 - Insufficient testing in production context
 - Lack of regression testing
 - Complex service interaction
- **Actions taken**
 - Implemented well defined rollback procedure (Jan/Feb 09)
 - Implemented procedure for fast track releases (Jan/Feb 09)
 - Implement managed rollout (ongoing)
 - Maximize representation of VO use cases in certification (ongoing)

- **Refactoring of testing & certification Twiki pages**
 - <https://twiki.cern.ch/twiki/bin/view/EGEE/SA3Testing>
- **Several test plans have been produced**
- **Improved test coverage**
- **Little progress with regression tests**
- **Stress tests for SCAS**
- **CREAM performance/acceptance tests with GRNET, partners in Russia and SA1 (pilot service)**

- **Command line interface to Savannah**
 - Constant improvement and implementation of users' requirements
 - <https://twiki.cern.ch/twiki/bin/view/EGEE/SavannahCommandLineInterface>

- **OGF PGI (production grid infrastructure) WG**
 - How can OGF specifications be adopted by production infrastructures?
- **GLUE 2.0**
 - Finalized at the last OGF
 - Currently doing the rendering in LDAP, SQL and XML

- **BDII v5**
 - In certification
 - Major re-write addressing performance and stability
 - Uses only one database instance to which the differential updates are applied
 - Load average and memory footprint has been significantly reduced