



Enabling Grids for E-science

## Partner report - CERN

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*JRA1/SA3 All Hands Meeting, Prague 2008*

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



- **Departures: Juha, Joachim, Gergo**
- **New arrivals/roles:**
  - Gianni Pucciani: testing coordination, certification.
  - Fidel Alfaro Almagro: Savannah CLI, gstat, certification.
  - Lorenzo Sbolgi: report generation (tasks, patches etc.), certification.
  - Diana Bosio: task coordination.
  - Felix Ehm: release preparation (repositories).
  - Andreas Unterkircher: release coordination (EMT, QAG, SA3 deputy)
  - Visitors from Taiwan and Russia.
  - December: Andrew Elwell will join.

- **Deliverable MSA3.1 “Activity Quality and Measurement Plan” has been delivered:**  
<https://edms.cern.ch/document/934235/1>
- **Tooling for the activity metrics has been implemented:**
  - Patch lifecycle
  - Bug statistics
  - Task fulfillment



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# Task & Patch watch

EGEE-III SA3 - PatchTask-Monitor - Windows Internet Explorer provided by CERN

http://hbra1902.cern.ch/gg/EGEE/Savannah/PatchTaskMonitor/patchMonIndex.php

N.B: All managed data are considered from the EGEE-III start date: 01/06/2008 (dd/mm/yyyy)

PatchWatch				TaskWatch			
Immediate				Immediate			
High				High			
Normal				Normal			
#2114_89days	#2344_19days	#2383_7days	#2517_7days	#7494_103days	#7510_94days	#7666_68days	#7773_60days
#2017_5days	#2522_5days	#1992_5days	#2518_5days	#7774_60days	#7837_48days	#7859_46days	#7860_46days
#2508_5days	#2515_4days	#2593_4days	#2561_4days	#7924_34days	#7936_34days	#7937_34days	#7939_34days
#2450_4days	#2551_3days	#2002_3days	#2063_3days	#7956_32days	#8059_25days	#8063_25days	#8080_24days
#2072_3days	#2253_3days	#2300_3days	#2398_3days	#8089_24days	#8090_24days	#8091_24days	#8172_14days
#2299_3days	#2512_3days	#2519_3days	#2598_3days	#8203_12days	#8208_12days	#8218_11days	#8219_11days
#2507_3days	#2417_0days	#2563_0days	#2599_0days	#8229_7days	#8230_7days	#8254_5days	#8255_5days
#2564_0days				#8257_5days	#8258_5days	#8270_4days	#8271_4days
				#8274_4days	#8275_4days	#8276_4days	#8277_4days
				#8278_4days	#8279_4days	#8281_4days	#8282_4days
				#8284_4days	#8285_4days	#8286_4days	#8287_4days
				#8288_4days	#8289_4days	#8300_3days	#8301_3days
				#8302_3days	#8303_3days	#8304_3days	#8305_3days
				#8306_3days			
Low				Low			
On Hold				On Hold			

**PATCHWATCH LEGEND:**  
The mouseover on a patch shows the state and the summary of that patch.

- Patch modified recently 0-6 days
- Patch modified between 7-14 days ago
- Patch modified over 15 days ago
- Patch is in PPS state

**TASKWATCH LEGEND:**  
The mouseover on a task shows the summary of that task.

- Task created recently 0-6 days
- Task created between 7-14 days ago
- Task created over 15 days ago

EGEE-III SA3 Coordination - Tasks: Browse Items (LCG Savannah) - Windows Internet Explorer provided by CERN

https://savannah.cern.ch/task/?group=egee-sa3

EGEE-III SA3 Coordination - Tasks: Browse Items [LCG...]

LCG Savannah

Logged in as unterkir

- My Incoming Items
- My Items
- My Groups
- My Account Conf
- Logout

This Page

- Clean Reload
- Printer Version
- Related Recipes
- Item Privacy

Search

Projects

Hosted Projects

- Register New Project
- Full List
- Contributors Wanted
- Statistics

Site Help

- User Docs
- Cookbook
- User Docs: In Depth
- Guide
- Get Support
- Contact Us

Links

- GNUSavane

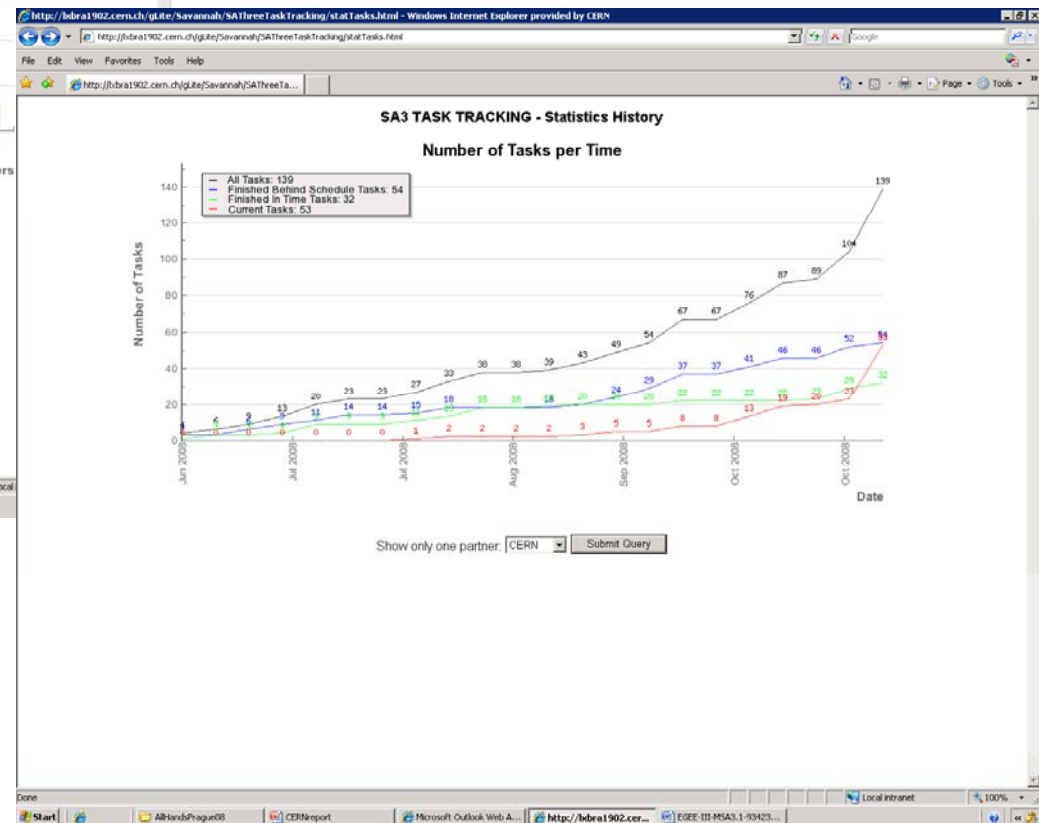
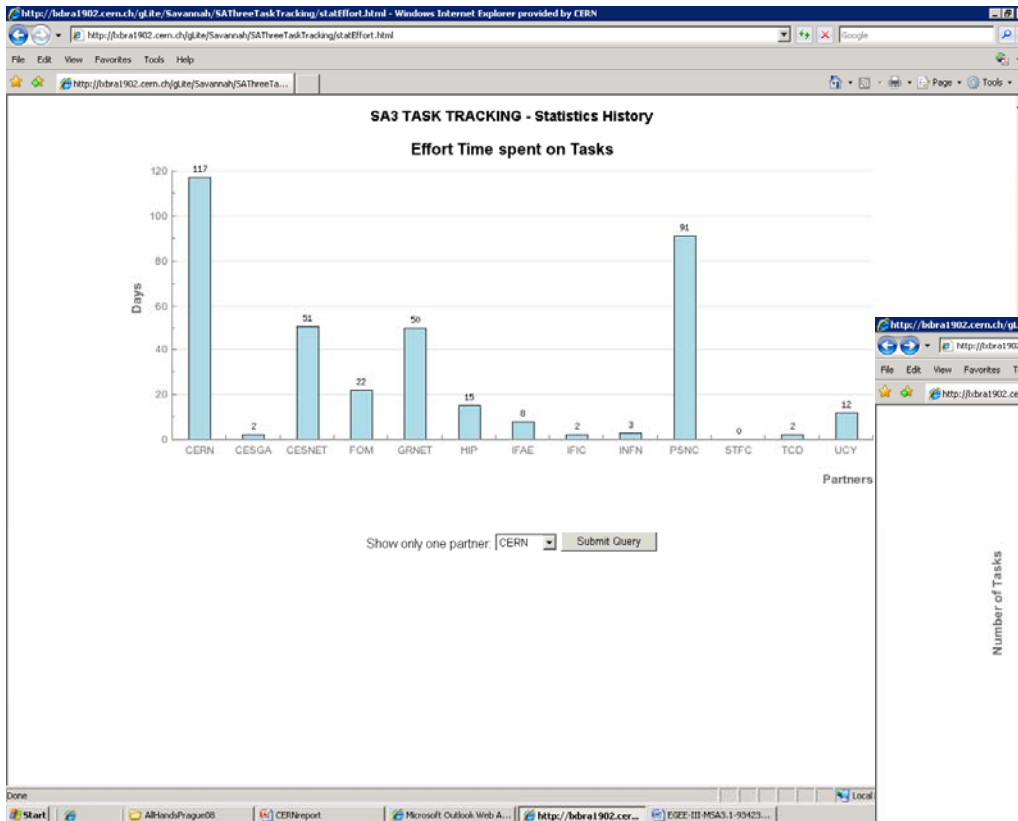
EGEE-III SA3 Coordination - Tasks: Browse Items

Group Main Download Docs Support Source Code Tasks News

Display Criteria

53 matching items - Items 1 to 50

Item ID	Summary	Submitted On	Assigned To	Submitted By
#8218	Implement config_info_service_amga	2008-10-23 12:47	egee-sa3-ucy	unterkir
#7434	improve the usability of the LFC tests	2008-07-23 13:39	egee-sa3-tcd	unterkir
#8274	Finalise Service Discovery spec within OGF	2008-10-30 14:02	egee-sa3-stfc	diana
#8275	Produce C++ SAGA Service Discovery API as defined by OGF	2008-10-30 14:04	egee-sa3-stfc	diana
#8276	Produce Python SAGA Service Discovery API as defined by OGF	2008-10-30 14:04	egee-sa3-stfc	diana
#8277	Produce BDII plugin in C++ (Python is covered by C++) for SAGA Service Discovery	2008-10-30 14:05	egee-sa3-stfc	diana
#8278	Produce Java SAGA Service Discovery API as defined by OGF	2008-10-30 14:06	egee-sa3-stfc	diana
#8279	Produce BDII plugin in Java for SAGA Service Discovery	2008-10-30 14:07	egee-sa3-stfc	diana
#8281	Gather Use cases and requirements from users and services on access to other service information	2008-10-30 14:09	egee-sa3-stfc	diana
#8282	Define an extended (or new) API specification	2008-10-30 14:14	egee-sa3-stfc	diana
#8284	Provide packaged implementations with tests of the API and CLI	2008-10-30 14:22	egee-sa3-stfc	diana
#8285	Test SD API	2008-10-30 14:24	egee-sa3-stfc	diana
#8289	Test to production readiness the SD API and CLI	2008-10-30 15:02	egee-sa3-stfc	diana
#7934	Testing of the hydra service	2008-09-30 12:20	egee-sa3-psnc	diana



- **68 patches certified by CERN since June 08**

- **AMGA (June 08)**
- **CREAM CE and client (Oct 08)**
- **FTS/FTA on SL4 (Oct 08)**
- **WN on SL5/x86\_64 (Sept 08)**
  - First version in test at CERN (based on VDT 1.8)
  - Final version will be on VDT 1.10 (default for SL5)
- **Hydra client soon**

- **Command line interface to Savannah**
- **Cloning of a patch (attaches the same bugs, keeps the comments).**
- **Can also do other operations (set value, submit, list etc.).**
- **<https://twiki.cern.ch/twiki/bin/view/EGEE/SavannahCommandLineInterface>**



- **Service certification checklist constantly evolving**  
<https://twiki.cern.ch/twiki/bin/view/EGEE/ServiceCertificationChecklist>
- **Available test list constantly evolving**  
<https://twiki.cern.ch/twiki/bin/view/LCG/AvailableTests>
- **First prototype of ETICS deployment test available.**
- **Patch and bug states have been adjusted.**

- **Investigation on how to make more use of ETICS in the release process (create meta rpms within ETICS).**
- **First implementation of node type builds in ETICS. Used to produce the SL5 WN.**

- Fully moved to SLC4.
- DPM, LFC and WN available on x86\_64.
- Multisite NAGIOS monitoring has been set up.
- <https://twiki.cern.ch/twiki/bin/view/EGEE/EGEETestbeds>

- **YAIM status**

- 34 yaim modules -> 24 modules in use in production
- 15 developers
- 325 bugs since 01/05/2008 -> 161 fixed so far
- New yaim modules
  - gLite
    - *VOMS (ready for certification)*
    - *SCAS (waiting for a fix on SCAS)*
    - *CLUSTER (under development)*
    - *HYDRA (certified)*
  - Non gLite
    - *NAGIOS (under development)*
    - *MSG (under development)*
    - *VDT (shown interest)*

- **Highlights**

- YAIM brainstorming

- Currently installing a brainstorming tool to gather requirements from sys admins

- Twiki pages

- Improved documentation for developers

- <https://twiki.cern.ch/twiki/bin/view/EGEE/YAIMModuleFeatureList>

- Missing features are tracked with Savannah bugs

- <https://twiki.cern.ch/twiki/bin/view/EGEE/YAIMfunctions>

- Improved documentation for sys admins

- [https://twiki.cern.ch/twiki/bin/view/LCG/Site-info\\_configuration\\_variables](https://twiki.cern.ch/twiki/bin/view/LCG/Site-info_configuration_variables)

- Improved documentation for testers

- [https://twiki.cern.ch/twiki/bin/view/EGEE/ServiceCertificationChecklist#YAIM\\_Ain\\_t\\_an\\_Installation\\_Manag](https://twiki.cern.ch/twiki/bin/view/EGEE/ServiceCertificationChecklist#YAIM_Ain_t_an_Installation_Manag)

- **WMS to ARC submission.**
- **BDII development and support for Nordugrid and OSG.**
- **Organized a workshop on BES/JSDL/Glue.**
- **Set up LSF BES testing with Platform.**
- **Wrote EGEE milestone document on interoperability strategy.**