



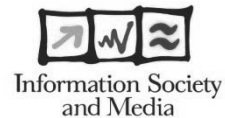
Enabling Grids for E-science

Task tracking

SA3 All Hands Meeting Prague

Diana.Bosio@cern.ch
CERN Grid Deployment

www.eu-egee.org



What was said last time

- **Every partner provides one contact person who will be assigned all the partner's tasks. People working on the task can of course add comments.**
 - We now have 'squads' in savannah that could be used for that
- **The Savannah "Category" of the task will be one of the categories for the EGEE III timesheets**

Last time: phone conferences

- **Bi-weekly phone conference on patch certification only for partners doing patches. This can get quite technical.**
- **A monthly task round-up for task outside of patch certification**

ALL STILL VALID

- **The unit of work for a task is one day**
 - I am not sure it is a good idea as it diverges from savannah standard practice, but it is a detail
- **Before assigning the task the amount of work required is agreed with the partner.**
 - This is then converted into an “end date” (the Savannah “Should be finished on” field). The deadline can be extended if there are good reasons (e.g. the task needs some 3rd party stuff that is not ready).
 - The number of days required for the task will also be noted within the task (the Savannah “Effort” field).

- **The partner has to put at least one comment per week into the task (can also be something like “no work on the task this week”).**
- **For each patch in certification we will also create a corresponding task. The difficulty of the patch will be taken into account.**
- **The amount of effort done through the tasks (Category, Effort) should correspond to what the partner has pledged to contribute to the project. The effort is more important than the category.**

ALL THIS IS STILL RELEVANT AND APPLICABLE!

- **We will check for each task**
 - Was the task completed in time? If no, how big was the delay?
 - Is there at least one weekly comment about the progress in the task?
- **For each partner we will do summaries of these metrics**
- **What is reported in the timesheets will be checked against the task**
- **This data will be reported in the quarterly reports to EGEE III**
 - **YOU NEED TO FILL YOUR TIMESHEET**

- **For patch certification**
 - Each patch has its corresponding task in the EGEEIII-SA3 coordination savannah project
 - Regular phone conferences are in place
- **For other testing tasks**
 - The tasks are beginning to appear in savannah
 - Gianni's page on partner's expertise is valuable
 - https://twiki.cern.ch/twiki/bin/view/EGEE/EGEECertification#Test_writers_maintainers_table
 - Regular monthly phone conferences are starting



Enabling Grids for E-science

PPT

Timesheet search options Timesheet status legend
 Project Period: Aug08 (PM4)
 Members with Timesheets: Not Created Created Submitted Validated Recopied by PO
 Member search options Search Reset
 Members: 1 - 50 of 69. Page size: 50

Show Members with Timesheets for: Aug08 (PM4)

Last Name* First Name	Partner	Activities	Aug08
...	...	NA4, SA1, SA3	000 00
...	...	SA3	000 158.0
...	...	SA3	000 150.0
...	...	NA2, NA3, NA4, SA1, SA3	000 70.0
...	...	SA3	000 00
...	...	SA3	000 00
...	...	SA3	000 00
...	...	SA3	000 00
...	...	NA2, NA4, SA1, SA3	000 0.50
...	...	SA3	000 00
...	...	SA1, SA3	000 0168
...	...	JRA1, SA3	000 0118.4
...	...	SA1, SA3	000 00
...	...	SA3	000 0120
...	...	SA1, SA3	000 05
...	...	NA3, SA1, SA3	000 600
...	...	JRA1, SA3	000 00
...	...	JRA1, SA3	000 14141.4
...	...	SA3	000 02
...	...	SA1, SA3	000 1400
...	...	JRA1, SA3	000 1150
...	...	SA1, SA3	000 00
...	...	SA1, SA3	000 00
...	...	SA3	000 00
...	...	SA1, SA3	000 00

- **Software to well, “track tasks”**
 - Displays them
 - Eases correlation between patches and tasks
 - Provides plots with various criteria

- Shows information about current tasks, tasks finished in time and behind scheduled time.
- Provides direct link to the Savannah Task

PARTNERS

Partners Summary: shows tasks assigned at each SA3 partner

CERN

Activity	Delivered Tasks
<i>Current tasks</i>	7109 , 7481 , 7482 , 7837 , 7924 , 7930 , 7956 , 7999 , 8058 , 8059 , 8082 , 8083 , 8103 , 8104
<i>Finished tasks in time</i>	6931 , 7112 , 7225 , 7226 , 7227 , 7253 , 7269 , 7270 , 7297 , 7391 , 7480 , 7484 , 7485 , 7509 , 7590 , 7835 , 7858 , 8110
<i>Finished tasks behind schedule</i>	6924 , 6926 , 6927 , 6928 , 6929 , 6930 , 6932 , 6933 , 6934 , 6981 , 7110 , 7111 , 7221 , 7223 , 7224 , 7298 , 7299 , 7392 , 7483 , 7643 , 7644 , 7645 , 7661 , 7662 , 7663 , 7664 , 7665 , 7854 , 7855 , 7856 , 7857

- **Two parts**
 - TaskWatch: used to display open tasks divided by level priority
 - Tracker Statistics: used to display statistics on number of tasks managed by each partner

SA3 TASKWATCH

Task Monitor: it shows tasks by priority levels

<u>TaskWatch</u>

SA3 TRACKER STATISTICS

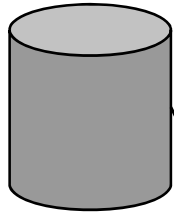
Graphics Statistics: shows statistics tasks according to several criteria

<u>Tasks Numbers Statistics</u>

<u>Effort Time Statistics</u>

<u>Categories Statistics</u>
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SAVANNAH DB



Scheduled dump

SA3 Task tracker

PARTNERS

Partners Summary: shows tasks assigned at each SA3 partner

CERN

Activity	Delivered Tasks
Current tasks	7109 7481 7482 7827 7924 7930 7956 7999 8058 8059 8062 8083 8100 8109
Finished tasks in time	6601 7112 7226 7228 7227 7253 7269 7210 7267 7391 7480 7564 7608 7609 7650 7658 7858 8110
Finished tasks behind schedule	6924 6925 6927 6928 6929 6930 6931 6933 6934 6981 7110 7111 7221 7223 7224 7268 7269 7392 7480 7643 7644 7646 7661 7662 7663 7664 7666 7854 7855 7856 7867

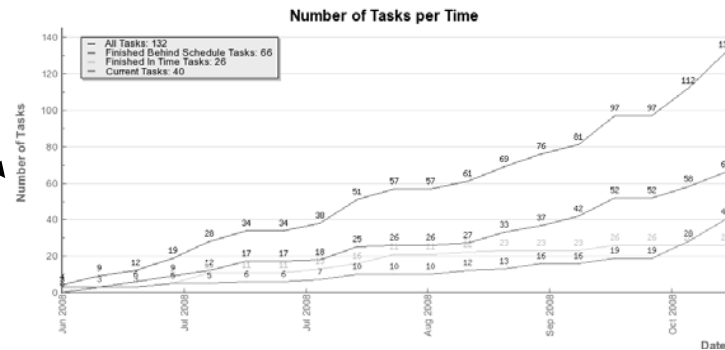
TaskWatch

TaskWatch			
Immediate			
High			
#8101_3days			
Normal			
#7042_129days	#7077_127days	#7109_126days	#7195_115days
#7236_112days	#7345_98days	#7434_85days	#7481_78days
#7482_78days	#7510_76days	#7594_59days	#7595_59days
#7666_50days	#7772_42days	#7773_42days	#7774_42days
#7837_30Patch 2180	#859_28days	#7860_28days	#7924_17days
#7930_16days	#7934_16days	#7936_16days	#7937_16days
#7939_16days	#7940_16days	#7956_15days	#7999_10days
#8035_8days	#8058_7days	#8059_7days	#8063_7days
#8082_6days	#8083_6days	#8084_6days	#8088_5days
#8089_5days	#8090_5days	#8091_5days	#8103_3days
#8104_3days	#8134_2days	#8140_1days	#8143_1days
Low			
On Hold			

HOST
php engine
http engine
cron job engine



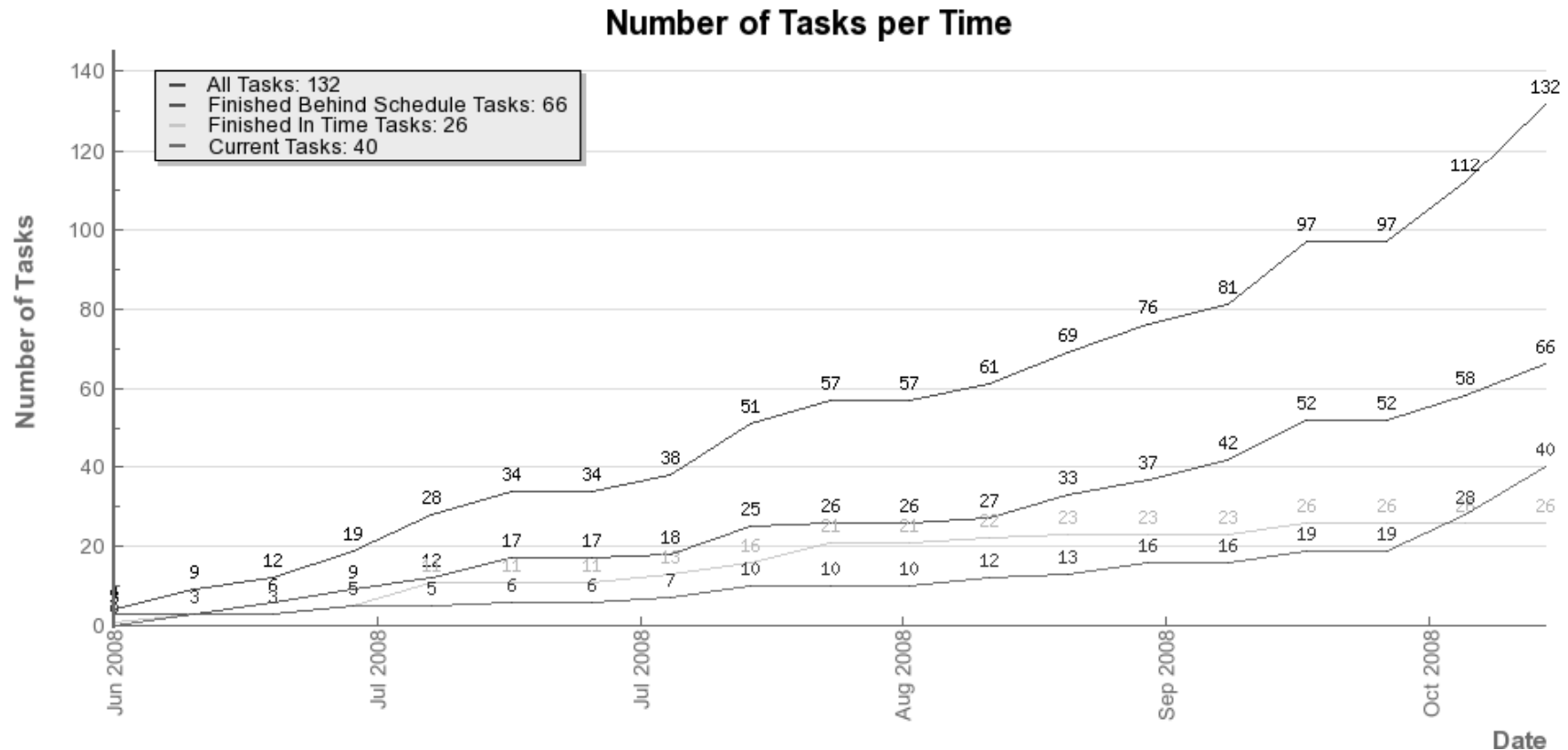
Graph Statistics



- Show Tasks 'open' ordered by priority level
- Additional information:
 - Time elapsed after the date creation
 - Summary of the task on mouseover
- Possible enhancement:
 - Time elapsed after the last change rather than age of task

TaskWatch			
Immediate			
High			
#8101, 3days			
Normal			
#7042, 129days	#7077, 127days	#7109, 126days	#7195, 115days
#7236, 112days	#7345, 98days	#7434, 85days	#7481, 78days
#7482, 78days	#7510, 76days	#7594, 59days	#7595, 59days
#7666, 50days	#7772, 42days	#7773, 42days	#7774, 42days
#7837, 30Patch 2186	#859, 28days	#7860, 28days	#7924, 17days
#7930, 16days	#7934, 16days	#7936, 16days	#7937, 16days
#7939, 16days	#7940, 16days	#7956, 15days	#7999, 10days
#8035, 8days	#8058, 7days	#8059, 7days	#8063, 7days
#8082, 6days	#8083, 6days	#8084, 6days	#8088, 5days
#8089, 5days	#8090, 5days	#8091, 5days	#8103, 3days
#8104, 3days	#8134, 2days	#8140, 1days	#8143, 1days
Low			
On Hold			

- The system can create on the fly some plots showing statistics on number of task managed per partners, and others information.





Enabling Grids for E-science

Links to application running

- **Task Tracker:**
SA3TaskTracker

- **TashWatch:**
SA3 TaskWatch

- **SA3 Task Tracker is useful for direct access to the 'tasks', distributed per partners, according to various criteria**
- **TaskWacth is useful to check the tasks per level priority and on maintenance time**
- **Task Statistics are useful to have a direct information about how many tasks are managed, by partners or in total, over time**

- **There are people that still do not fill their PPT timesheet**
 - This is for all egee3 members!
- **Patch certification effort need to include regression testing**
 - Effort and commetns will be recorded in the corresponding savannah task
 - It will not slow down the patch certification process
 - But the effort will be acknowledged
- **More functionality and fine tuning of the task tracker**
 - For instance, a tree view of the tasks to include dependencies

- **I am not here to waste your time with admin requests...**
- **My aim is to improve the coordination of SA3 testing with the minimal overhead**
 - Knowing who is doing what can avoid duplication of effort
 - Having regression tests available will improve the certification quality and hopefully reduce turn around time for patch certification
- **The aim is to get the work you do known and acknowledged**
 - A lot of the work is done with few people knowing about it
- **The task tracker can also help you in seeing what is coming**
 - Will not provide a date estimate, but for instance you can know what patches are in “Ready for integration”, “In configuration”, “Configured” at a glance