



Enabling Grids for E-scienceE

# SL4 Status

## May 2nd ▪ 2007

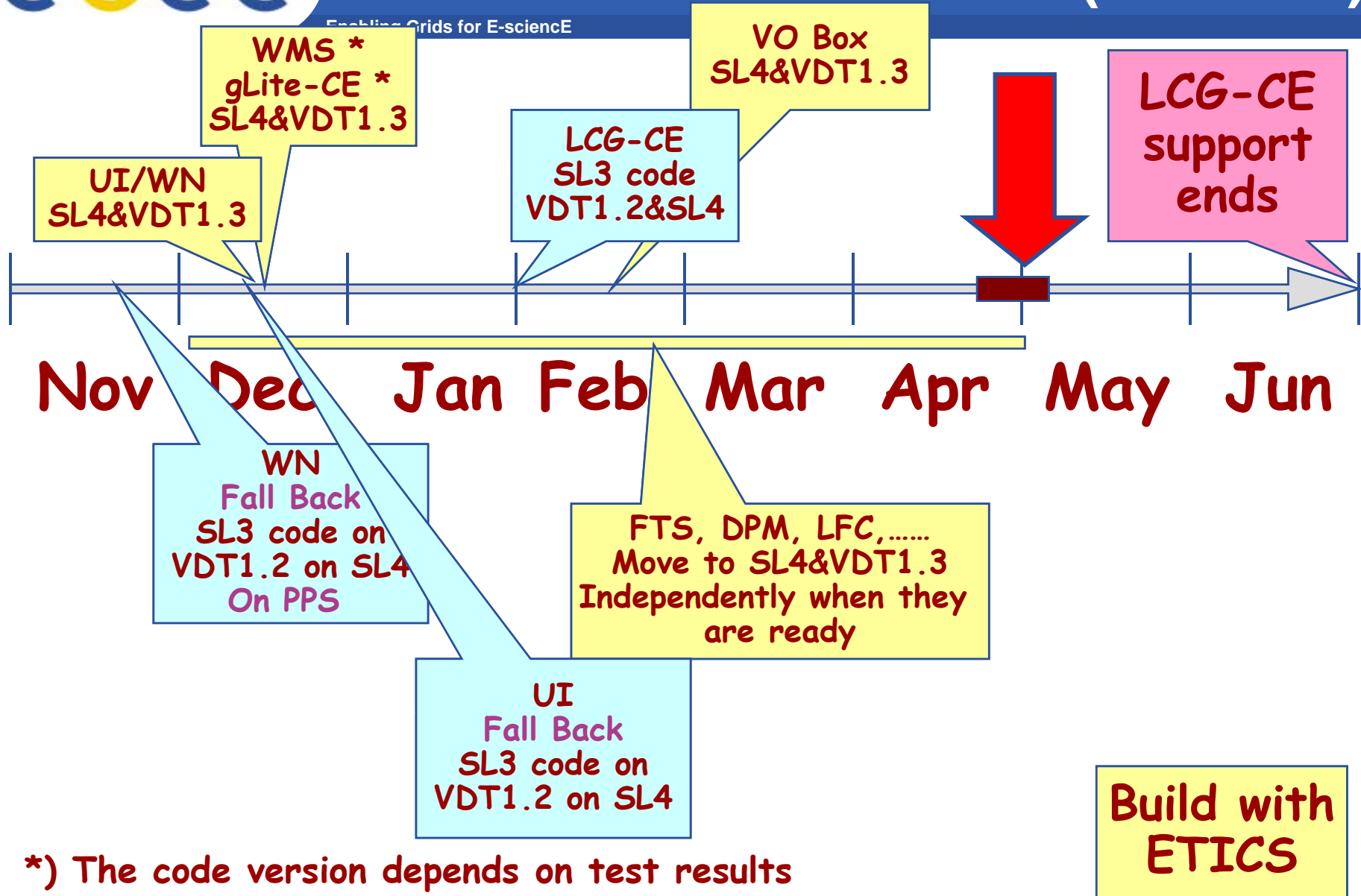
*Oliver Keeble & Markus Schulz*

**SA3**

**CERN-IT-GD**

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



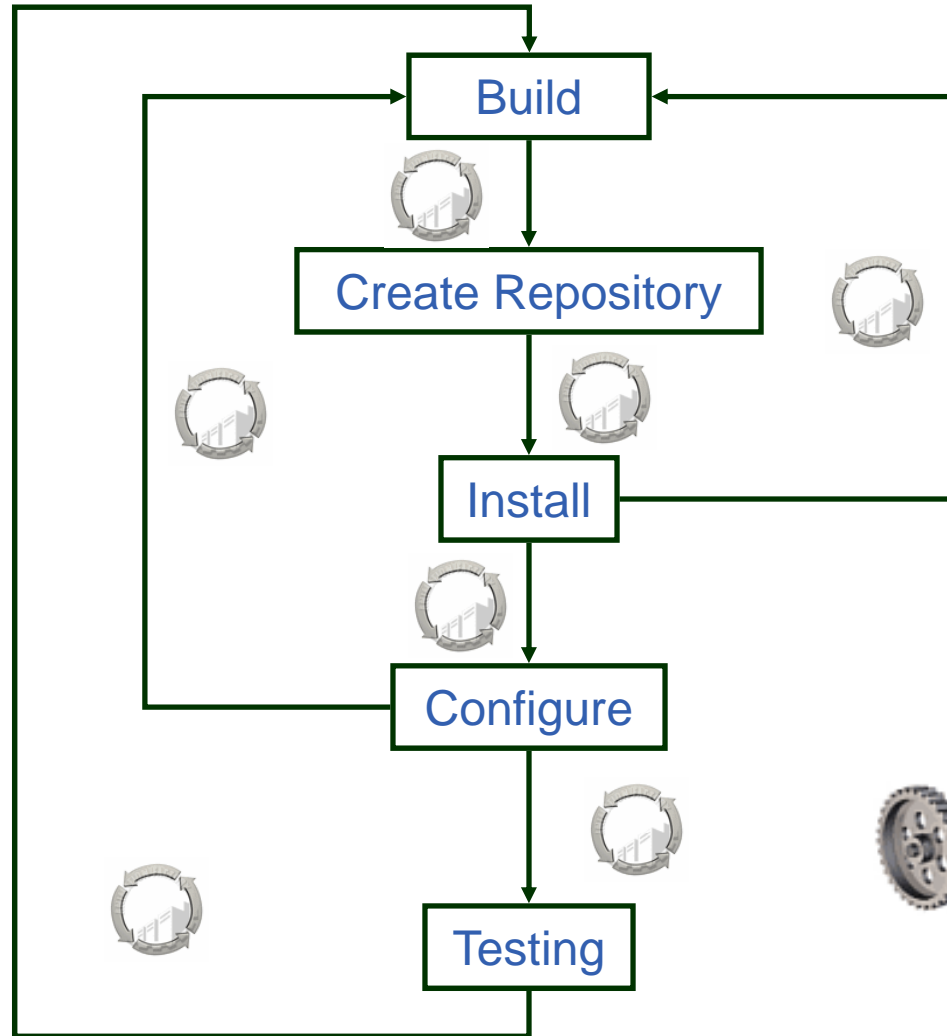


- <http://grid-deployment.web.cern.ch/grid-deployment/cgi-bin/reports.cgi?action=index>
- **Building WN**
  - 100% success – sl4\_32
  - 70 % success – sl4\_64 (critical DM fails)
  - Tarball: constructed and under test
- **Integration & Certification**
  - WN RPM
    - PPS configuration problems
      - *Paths, and segmentation error of ftp (globus)*
      - *Patches available and externally tested*
        - One test before PPS (sanity check)
    - Tarball same problems
      - *Should be fixed, needs to be tested*
- **Release preparation**
  - RPM lists need to be produced (tool available)
  - Release notes
  - Split the glite.org webspace
  - Application Area clients tarballs (quick)

Monday can be release day

- **Building all components (CE, WMS, ....)**
  - 99% success – sl4\_32
  - 82% success – sl4\_64
  
- **Integration & Certification**
  - UI – Still one packaging bug (gLite-WMS client, #25819)
    - Patch expected today
    - No outstanding runtime problems (PPS might show some)
  - WMS – Testing
    - Still installation problems (responsive JRA1, slow progress)
  - Ready to Test
    - LB, MON (except APEL), gLite-CE, (DM waiting for FTP2 patch)
  - In testing: BDII, VOMS-Oracle
  
- **PPS**
  - WN – Released 02/04/2007 -----> discovered problems

Note: the experimental gLite-WMS-3.1 is NOT SL4



Many internal iterations  
 Each depends on handshakes  
 Build still takes 8 hours  
 Fast internal cycles but  
 Slow macro cycles



- **32 bit UI and WNs have highest priorities**
- **SL4 DM important for sites that buy new hardware**
  
- **Slow progress**
  - Build in place, developers can work on it
    - Priority: WN
    - Data management is still missing
    - UI
      - *WLM clients build*
    - DM next
  
- **Packaging and 32 bit coexistence**
  - Libraries
  - Packaging
    - Libraries and executables
    - RPM seems to favor 64bit executables on a 64bit platform
  
- **Agreed OS and bit lengths format for the information system**
  - Needs to be verified in operation
  
- **Runtime is a different story.....**
  
- **Interpreted language issue: now a SEP for SA3.....**

- <http://grid-deployment.web.cern.ch/grid-deployment/cgi-bin/reports.cgi?action=index>

A screenshot of a web dashboard titled "EGEE-II: SA3 Activity Integration Dashboard". The dashboard has a blue header with the EGEE logo on the left and the European Union flag on the right. Below the header, there are several links: "Node Status", "Patch Status", "Porting Status", and "Testing". On the left side, there are two W3C validation icons for HTML 4.01 and CSS, both with red checkmarks. Below these icons is a "Webmaster" link. In the center, there is a line of text: "EGEE-II is a project funded by the European Union under contract number [INFOS-RI-031688](#)". On the right side, there are three small icons representing different services or partners, and below them, the text "Information Society and Media" and "Page updated:". The entire dashboard is enclosed in a blue border.

## EGEE-II: SA3 Activity Integration Status

Link to ETICS


Detailed Status

Node	<a href="#">slc3 ia32 gcc323</a>	<a href="#">slc4 ia32 gcc346</a>	<a href="#">slc4 x86_64 gcc346</a>
glite-WN	X	O	X
glite-UI	X	X	X
glite-WMS	X	O	X
glite-LB	O	O	X
glite-MON	X	X	X
glite-BDII	O	O	O
glite-PX	O	O	O
glite-CE	X	O	X
glite-TORQUE_utils	X	X	X
glite-TORQUE_client	X	O	X
glite-TORQUE_server	X	O	X
glite-VOMS_oracle	O	O	X
glite-VOMS_mysql	O	O	X
glite-SE_dpm_disk	O	O	X
glite-SE_dpm_mysql	X	X	X
glite-SE_dpm_oracle	X	X	X



## EGEE-II: SA3 Activity glite-WN\_slc4\_x86\_64\_gcc346

Package	Version	Status
CGSI_gSOAP_2.6	1.1.15-6	Missing
DPM-client	1.6.3-1	Missing
edg-gridftp-client	1.2.5-7	Missing
GFAL-client	1.9.0-2	Missing
glite-data-catalog-api-c	2.0.0-5	Missing
glite-data-catalog-cli	1.7.3-1	Missing
glite-data-srm-api-c	1.1.0-3	Missing
glite-data-srm-api-perl	1.1.0-2	Missing
glite-data-srm-cli	1.2.8-2	Missing
glite-data-transfer-api-c	3.1.0-2	Missing
glite-data-transfer-cli	3.3.0-2	Missing
glite-data-util-c	1.2.1-2	Missing
lcg-dm-common	1.6.1-1	Missing
lcg_util	1.5.1-1	Missing
LFC-client	1.6.3-1	Missing
LFC-interfaces	1.6.3-1	Missing
vdt_globus_info_essentials	VDT1.6.0	Missing
a1_grid_env	2.0.0-1	Found
c-ares	1.3.0-4	Found
classads	0.9.8-2	Found
cleanup-grid-accounts	1.0.2-1	Found
dcache-client	1.7.0-28	Found
glite-data-api-perl	1.1.1-1	Found
glite-data-catalog-api-perl	2.0.0-3	Found
glite-data-catalog-interface	2.0.0-8	Found
glite-data-transfer-api-perl	3.1.0-1	Found
glite-data-transfer-interface	3.1.0-4	Found
glite-lb-client	2.3.2-1	Found


ETICS
Build System

Project name: org.glite  
 Project config: Unknown  
 Module name: org.glite  
 Module config: glite\_branch\_3\_1\_0  
 Build start time: 01/05/2007 20:40:58  
 Success rate: 82% (287/349)  
 Status: **Failed**

Page generated at 02/05/2007 02:49:59  
[Back to module overview page](#)

Component name	Configuration name	Last build time	Result
egge-ant-ext	egge-ant-ext v. 0.4.0	01/05/2007 20:41:35	Success
checkstyle	checkstyle v. 3.5	01/05/2007 20:41:46	Success
jdk	jdk v. 1.5.0_06	01/05/2007 20:41:59	Success
log4j	log4j v. 1.2.8	01/05/2007 20:42:11	Success
ant	ant v. 1.6.2	01/05/2007 20:42:31	Success
jalopy	jalopy v. 1.0b10	01/05/2007 20:42:43	Success
ant-contrib	ant-contrib v. 1.0b1	01/05/2007 20:42:53	Success
cpptasks	cpptasks v. 1.0b2	01/05/2007 20:43:04	Success
junit	junit v. 3.8.1	01/05/2007 20:43:15	Success
org.glite.build.common-java	glite-build-common-java_branch_3_1_0	01/05/2007 20:43:20	Success
org.glite.yaim.core	glite-yaim-core_R_3_1_devel	01/05/2007 20:43:47	Success
org.glite.yaim.clients	glite-yaim-clients_R_3_1_devel	01/05/2007 20:43:52	Success
org.glite.yaim	glite-yaim_R_3_1_devel	01/05/2007 20:44:05	Success
gssklog-cern	gssklog-cern.HEAD	01/05/2007 20:44:22	Success
lcg-expiregridmapdir	lcg-expiregridmapdir_R_2_0_0	01/05/2007 20:44:34	Success
lcg-ManageVOTag	lcg-ManageVOTag_R_2_0_6_1	01/05/2007 20:44:47	Success
lcg-vomscerts	lcg-vomscerts_v4_3_1	01/05/2007 20:44:59	Success
a1_grid_env	a1_grid_env_R_1_0_0_1	01/05/2007 20:45:10	Success
lcg-service-proxy	lcg-service-proxy-lcg1_0_3	01/05/2007 20:45:22	Success
lcg-version	lcg-version_R_3_0_2_1	01/05/2007 20:45:32	Success
org.glite.lcg	lcg_R_0_0_1_0	01/05/2007 20:45:36	Success
org.glite.build.common-cpp	glite-build-common-cpp_branch_3_1_0	01/05/2007 20:46:17	Success
mysql-devel	mysql-devel v. 4.1.20	01/05/2007 20:46:29	Success
vdt_globus_essentials	vdt_globus_essentials v. 4.0.3-VDT-1.6.0	01/05/2007 20:46:43	Success
org.glite.dgas.common	glite-dgas-common_R_3_1_7_1	01/05/2007 20:46:47	Failed
org.glite.dgas.hlr-clients	glite-dgas-hlr-clients_R_3_1_7_1	01/05/2007 20:47:34	Failed
org.glite.lb.build	glite-lb-build_R_1_4_1_1	01/05/2007 20:48:09	Success
c-ares	c-ares v. 1.3.0	01/05/2007 20:48:27	Success
cppunit	cppunit v. 1.10.2	01/05/2007 20:48:45	Success
gsoap	gsoap v. 2.7.6b-src	01/05/2007 20:48:56	Success
org.glite.security.gsoap-plugin	glite-security-gsoap-plugin_R_1_4_3_1	01/05/2007 20:49:58	Success
expat	expat v. 1.95.7	01/05/2007 20:50:09	Success
org.glite.lb.client-interface	glite-lb-client-interface_R_2_3_1_1	01/05/2007 20:50:38	Success
classads	classads v. 0.9.8-2	01/05/2007 20:51:02	Success
globus	globus v. 4.0.3-VDT-1.6.0	01/05/2007 20:51:14	Success
boost	boost v. 1.32.0-1.rhel4	01/05/2007 20:51:53	Success
org.glite.wms-utils.exception	glite-wms-utils-exception_R_3_1_3	01/05/2007 20:52:39	Success
org.glite.wms-utils.jobid	glite-wms-utils-jobid_R_3_1_3	01/05/2007 20:53:39	Success
org.glite.lb.common	glite-lb-common_R_5_0_1_1	01/05/2007 20:54:27	Success
org.glite.lb.client	glite-lb-client_R_2_3_2_1	01/05/2007 20:56:23	Success
swig	swig v. 1.3.21-6	01/05/2007 20:56:55	Success
org.glite.wms-utils.classad	glite-wms-utils-classad_R_3_1_6	01/05/2007 20:58:23	Success
org.glite.jdl.api-cpp	glite-jdl-api-cpp_R_3_1_8_1	01/05/2007 21:04:50	Success
org.glite.service-discovery.build	glite-service-discovery-build_R_2_0_14	01/05/2007 21:05:15	Success
org.glite.service-discovery.api-c	glite-service-discovery-api-c_R_2_2_2	01/05/2007 21:05:44	Failed
commons-cli	commons-cli v. 1.0	01/05/2007 21:06:30	Success
inlobus	inlobus v. 1.1	01/05/2007 21:06:48	Success

## EGEE-II: SA3 Activity Testing Status

Node	<a href="#">slc3 ia32 gcc323</a>	<a href="#">slc4 ia32 gcc346</a>	<a href="#">slc4 x86 64 gcc346</a>
glite-WN	<a href="#">N/A</a>	<input checked="" type="radio"/>	<a href="#">N/A</a>
glite-UI	<a href="#">N/A</a>	<input checked="" type="checkbox"/>	<a href="#">N/A</a>
glite-WMS	<a href="#">N/A</a>	<input checked="" type="checkbox"/>	<a href="#">N/A</a>
glite-LB	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">N/A</a>
glite-MON	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">N/A</a>
glite-BDII	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">N/A</a>
glite-PX	<a href="#">N/A</a>	<input checked="" type="checkbox"/>	<a href="#">N/A</a>
glite-CE	<a href="#">N/A</a>	<input checked="" type="radio"/>	<a href="#">N/A</a>
glite-TORQUE_utils	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">N/A</a>
glite-TORQUE_client	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">N/A</a>
glite-TORQUE_server	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">N/A</a>
glite-VOMS_oracle	<a href="#">N/A</a>	<input checked="" type="checkbox"/>	<a href="#">N/A</a>
glite-VOMS_mysql	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">N/A</a>
glite-SE_dpm_disk	<a href="#">N/A</a>	<input checked="" type="checkbox"/>	<a href="#">N/A</a>
glite-SE_dpm_mysql	<a href="#">N/A</a>	<input checked="" type="checkbox"/>	<a href="#">N/A</a>
glite-SE_dpm_oracle	<a href="#">N/A</a>	<input checked="" type="checkbox"/>	<a href="#">N/A</a>