

TCD Progress Report

Presenters: *Eamonn Kenny, John Walsh*

Date: *8th May 2009*

Time: *Afternoon*

Location: *UCY*

Worker Node Build Status

ARCH	OS TYPE	VERSION	DISTRO	torque	VDT	deps	GridIre	Basic	RGMA	VOMS	DM	gfal	WN-3.1.0	WN-3.2.0	UI-3.2.0
ia32	SuSE	10	apt/rpm	3/3	14/14	30/30	1/1	12/12	41/41	13/13	19/19	23/23	65/65	N/A	N/A
	CentOS	4	yum	1/1	13/13	30/30	2/2	14/14	41/41	11/11	19/19	24/24	66/66	N/A	N/A
	CentOS	5	yum	3/3	11/11	30/30	2/2	14/14	41/41	12/12	17/17	25/25	N/A	66/66	128/129
	Debian	4	apt/dpkg	3/3	14/14	30/30	1/1	14/14	41/41	13/13	19/19	25/25	N/A	59/59	N/A
x86_64	CentOS	5	yum	3/3	11/11	19/19	1/1	12/12	41/41	13/13	20/20	24/24	N/A	60/60	129/130
	Debian	4	apt/dpkg	3/3	14/14	19/19	N/A	12/12	N/A	13/13	19/19	25/25	N/A	59/59	N/A
	SuSE	11.1	yast/rpm	3/3	14/14	19/19	N/A	14/14	N/A	13/13	19/19	16/18	N/A	43/59	N/A
universal	Mac OS X	10.5	fink/dpkg	0/3	14/14	19/19	N/A	14/14	N/A	13/13	17/19	19/24	44/65	N/A	N/A
ppc64	YDL (PS3)	6	yum/rpm	3/3	14/14	19/19	N/A	14/14	N/A	13/13	14/19	14/18	47/65	N/A	N/A

Server/Client Splitting:

- Gridsite client/server split → platform independence.
- LCG-DM/gfal/dm-util → Debian packaging (assisted).
- AMGA client → platform independence in ETICS.
- VOMS → Comments, no code changes.

Other packages:

- ETICS VDT from source builds 4.0.7,4.0.8: Debian 4 /5 (x86/x86_64), Mac OS X 10.5/10.6 (i386), OpenSuSE 11.1 (x86_64), PS3 (ppc32).
- Moved Yaim core/clients → platform independence.
- Maintained org.glite.build.common-cpp m4 macros.
- External package registration and fixes. (5x11)
- WMS/LB, very minor fixes.
- lcg/legacy/misc subsystem packaging in ETICS.

Coordination:

- **Constant contact with Adrian in PSNC about Debian 4 & 5 (Etch/Lenny).**
- **Attendance at EMT meetings (Monday mostly).**
- **In constant contact with 20-30 JRA1/SA3 members.**
- **Constant contact with ETICS after each upgrade in the ETICS client (6 upgrades in past 6 months).**
- **Input into UMD and ETICS requirements.**

ETICS fixes:

- **Debhelper fixes to Mac OS X for ETICS.**
- **Python 2.6 and other multi-platform support.**

Site Management:

- **Maintenance of build hosts: Debian 4.0 (x86/x86_64), PS3 (32-bit), Mac OS X 10.5 (32-bit/Intel), OpenSuSE 11.1 (x86_64), Debian 5.0 (x86/x86_64) to come.**

- **Fully contained testbed**
 - Private network, limited access,
 - Top level
 - TL BDII, VOMS, LFC, WMS/LB, R-GMA Reg/browser, “Simple CA” for hostcerts
 - Sites
 - Multiple, depends on patch scenario
 - Try to cover as great a testing range as possible
- **Current tasks**
 - Tasks 8912-8915 (Test plans)
 - Task 8937 (YAIM/Apel)
 - Complicated test scenario
 - *Multiple sites, different CEs and batch systems , 1 Monbox per site*
- **User Support**
 - Respond to Tomcat/R-GMA questions off-list (lcg-rollout)

- **Will be an early tester for Distributed GOCDB**
 - Implements regionalised GOCDB
 - Initial demo end of may at CERN.
 - Timeline for production rollout non clear.