egee

Enabling Grids for E-sciencE

Porting Status

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www.eu-egee.org

Information Society

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Builds using ETICS version: 1.2.1-1

Worker Node Build Status														
ARCH	OS TYPE	VERSION	DISTRO	VDT	deps	GridIre	Basic	VOMS	RGMA	DM	gfal	WN	Full	torque
ia32	SL	3	yum	3/3	25/25	2/2	9/9	15/15	45/45	17/17	29/29	107/107	337/369	3/3
	CentOS	4	yum	3/3	30/30	2/2	9/9	14/14	45/45	17/17	20/20	108/108	344/374	3/3
	SuSE	9	apt	3/3	28/28	2/2	14/14	15/15	45/45	17/17	20/20	106/106	312/365	3/3
	CentOS	5	yum	1/1	24/24	2/2	9/9	10/15	24/45	0/17	0/19	63/99	226/368	3/3
	Solaris	10	pkg/tarball	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
x86_64	SL	3	yum	0/1	13/14	N/A	0/0	6/8	1/1	N/A	N/A	N/A	N/A	N/A
	CentOS	4	yum	1/1	5/16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	SuSE	9	apt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CentOS	5	yum	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
powerpc	Mac OS X	10.4	fink/tarball	2/2	17/23	N/A	8/9	1/15	36/46	0/17	11/29	42/61	182/361	N/A
	Mac OS X	10.3	fink/tarball	2/2	18/23	N/A	8/9	1/15	36/46	0/17	11/29	44/62	186/354	N/A
	AIX	5	rpm/tarball	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Legend	Colour				
	Meaning	To be Started	Started	DONE	Vendor Built	Not Possible

Two working repositories (ignore sl3):

http://grid.ie/distribution/glite/R3.1/glite-WN/suse9

http://grid.ie/distribution/glite/R3.1/glite-WN/centos4

Also available Torque clients:

glite/R3.1/glite-TORQUE_client/suse9

glite/R3.1/glite-TORQUE_client/centos4

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- **Centos 4.5 identical to SLC 4.5**

- **SuSE differences are quite significant, but each revision of the glite-3.1.0 WN is coming closer to what we now build**

- **Differences in SL3 but not continuing this work**

Package Name and Version	Reason for RPM changes
boost|1.32.0-6	Boost not available in OS
CGSI_gSOAP_2.6|1.1.15-6	dm-util requires this, whereas srm/transfer require 2.7
glite-data-catalog-api-c|2.0.0-7	glite packager: Missing ext.axis.version
glite-data-catalog-cli|1.7.4-1	glite packager: Missing ext.axis.version
glite-data-srm-api-c|1.1.0-9	glite packager: Missing ext.axis.version
glite-data-srm-api-perl|1.1.0-3	glite packager: Missing ext.axis.version
glite-data-srm-cli|1.2.8-5	glite packager: Missing ext.axis.version
glite-data-transfer-api-c|3.3.0-4	glite packager: Missing ext.axis.version
glite-data-transfer-api-perl|3.3.0-1	glite packager: Missing ext.axis.version
glite-data-transfer-cli|3.4.2-2	glite packager: Missing ext.axis.version
glite-data-delegation-cli|2.0.0-4	Needed by newer glite-data-transfer-cli
glite-data-delegation-api-c|2.0.0-4	Needed by newer glite-data-transfer-cli
glite-data-util-c|1.2.3-1	glite packager: Missing ext.axis.version
glite-lb-client|2.3.4-1	Needs glite-lb-common (newer version)
glite-lb-common|5.1.2-2	Missing a -p in mkdir ${REPORTS}
glite-wms-common|3.1.17-1	3.1.13 configuration is missing
perl-SOAP-Lite|0.65.6-1	Use /usr/bin/env for portability

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- **Understanding the issues of Adrian (Debian x86_64) and Ake (Ubuntu port).**

- **Changing every machine over to Quattor. Quick rebuilds and sustainable infrastructure for building.**

- **Debugging ETICS on new CentOS 5.0 x86/x86_64 Xen guests (Serious Python 2.4.* bug in urllib2). Points to a previous issue seen on SuSE 9.3.**

- **Created a SLES9_x86_64_gcc333 Xen guest.**

- **Created a test CE specifically for WNs.**

- **Obtained the VDT-globus build scripts, source code and patches. Usually built with Metronome.**

- **VDT-globus source code and patches should be enough to build what we want**

- **Might need a wrapper script to generate the RPMs**

- **Ake builds the whole thing using the normal Makefile procedure used by Globus**

- **Arc people separate out groups of VDT globus packages (about 30 of them) and apply patches individually, building separate components of Globus**

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- **Put together some documentation on CentOS 4.5 and SuSE 9.3 ports**

- **Write patch reporting mechanism for differences and applied patches currently for each port (presented in HTML including Savannah bug report ticket hyperlinks)**

- **Continue work on CentOS 5.0 x86 port**

- **Work on CentOS 4.5/SuSE 9.3/CentOS 5.0 x86_64**

- **Put VDT-globus build from source into ETICS**

- **Fix ETICS client to work under Solaris and AIX**

- **Build Mac OS X glite-WN**

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1. **Web-Service upload of generated RPMs into CERN repository from local builds**

2. **Better communication about what is about to be released and when. E.g: what lists are the definitive lists in glite-release/*-lists/*glite-WN until we have our RPMs in the CERN repository (Item 1 solves Item 2)**

3. **A usable org.glite.node.WN and meta-package builder would be useful**