



Datagrid Software Repository Presentation

CVS, packages and automatic building

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Table Of Content

- ◆ The Datagrid Software Repository
- ◆ Current status of Autobuild (RH7.3)
- ◆ Current status of Autobuild (continuing)
- ◆ RPM conformance
- ◆ gcc-3.2.2
- ◆ Build on Demand (1)
- ◆ BOD (2)
- ◆ BOD (3)
- ◆ Open problems



The Datagrid Software Repository

- ◆ The Datagrid Software Repository
 - Hosted at CC-IN2P3
 - Main services:
 - Source code management for developers (CVS)
 - Packages distribution (RPMS)
 - The autobuild/check system

The screenshot shows a web browser window with the URL <http://datagrid.in2p3.fr/autobuild/rh6.2/>. The page features the Data GRID WP6 logo on the left and the Central Repository IN2P3 Centre de Calcul logo on the right. The main content is titled "Datagrid CVS Repository Autobuild Page" and is organized into sections: "What?", "Where?", "How?", and "Contact".

What ?
Autobuild and autotest tools are run regularly against each of the Datagrid CVS Repository modules. Summary pages are created and displayed on this site.

Where ?
You can browse:

- [Autobuild test on the HEAD version of modules](#)
- [Autobuild on the latest tagged version of modules](#)
- [Statistics about code lines](#) and languages used in the project
- [Statistics about RPMS](#) size and numbers by WPs
- [Autodocumentation](#) generated on the HEAD version
- [Generated RPMS, SRPMS and sources tarballs](#). Structured repository browsing in test area
- [Packages conformance to Datagrid Software requirements](#).
- **!! NEW !!** [SRPM rebuilding](#)
- **!! NEW !!** [List of edg-RPMS according to edg-release](#)

How ?
The configuration of the machine where the build is performed is available:

- [List of installed RPMS](#)
- [Environnement and some non RPM softwares](#)

Contact
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\$Id: index.html,v 1.15 2002/06/24 14:24:12 patois Exp \$



Current status of Autobuild (RH7.3)

Module Name	CVS tag	Customized	README	Build Method	Autotools	Configure	Make	Make install	Make RPM	RPM quality
edg-gsi-apache	v1.9.6	NO	SUCCESS	Makefile	NA	NA	SUCCESS	FAILED	SUCCESS	FAILED
edg-info-main	HEAD	NO	WARNING	Unknown	FAILED	FAILED	FAILED	FAILED	FAILED	SUCCESS
edg-rgma	v3.1.20	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	WARNING	FAILED
grm	v2.4.0	NO	SUCCESS	AutoTools	SUCCESS	FAILED	FAILED	FAILED	FAILED	SUCCESS
netconf	v1.1.3	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	FAILED	SUCCESS	FAILED
netagent	v1.1.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS
iperf	v1.1.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS
iperfbin	v1.6.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
pinger	v1.1.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
udpmon	v1.1.4	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
netmon	v1.0.8	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
rtpl	v1.0.8	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
netcostj	v1.6.2	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
netmon2rgma	v1.1.1	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	FAILED	SUCCESS	FAILED
netmon-archiver	v1.1.1	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	FAILED
ftlog2rgma	v1.1.0	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	FAILED	SUCCESS	FAILED
edg-java-tools	v1.0.19	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	SUCCESS
edg-java-data-util	v1.1.13	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
edg-java-security	v1.4.0	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
edg-style	v1.0.0	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	SUCCESS
edg-ros	v1.3.7	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
edg-metadata-catalog	v1.2.20	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS



Current status of autobuild (continuing)

Total:	113	100%
All OK:	43	38%
RPM generated:	98	87%
Failed:	15	13%

Rq: 113 modules, this is a big number.

Only 15% of failure is quite OK (includes non released stuff)



gcc-3.2.2

Module Name	CVS tag	Customized	README	Build Method	Autotools	Configure	Make	Make install	Make RPM	RPM quality
edg-gsi-apache	v1.9.6	NO	SUCCESS	Makefile	NA	NA	SUCCESS	FAILED	SUCCESS	FAILED
edg-info-main	HEAD	NO	WARNING	Unknown	FAILED	FAILED	FAILED	FAILED	FAILED	SUCCESS
edg-rgma	v3.1.20	NO	SUCCESS	Ant	NA	NA	NA	FAILED	FAILED	SUCCESS
grm	v2.4.0	NO	SUCCESS	AutoTools	SUCCESS	FAILED	FAILED	FAILED	FAILED	SUCCESS
netconf	v1.1.3	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	FAILED	SUCCESS	FAILED
netagent	v1.1.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS
iperf	v1.1.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS
iperfbin	v1.6.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
pinger	v1.1.2	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
udpmon	v2.1.1	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
netmon	v1.0.8	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
rtpl	v1.0.8	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
netcostj	v1.6.2	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
netmon2rgma	v1.1.1	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	FAILED	SUCCESS	FAILED
netmon-archiver	v1.1.1	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	FAILED
flog2rgma	v1.1.0	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	FAILED	SUCCESS	FAILED
edg-java-tools	v1.0.19	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	SUCCESS
edg-java-data-util	v1.1.13	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
edg-java-security	v1.4.0	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
edg-style	v1.0.0	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	SUCCESS
edg-ros	v1.3.7	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS

Compared to gcc2.95.2:
42 more modules fails (43% of building modules)



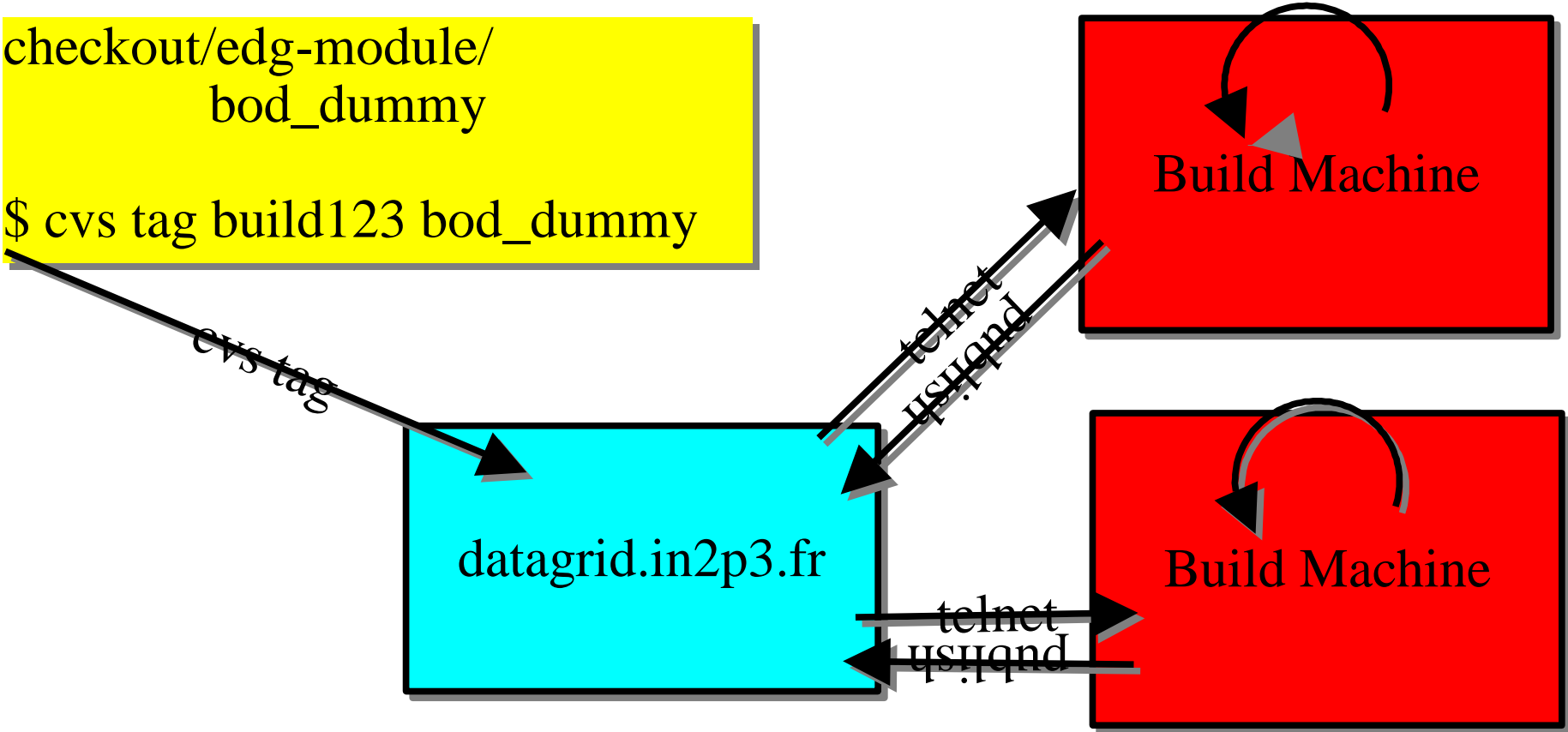
Build on demand

Date	Module Name	CVS tag	Customized	README	Build Method	Autotools	Configure	Make	Make install	Make RPM	
Fri May 9 13:02:42 2003	edg-rgma	v3_1_20	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	WARNING	FAILED
Fri May 9 12:21:35 2003	edg-info-se	v3_0_9	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	SUCCESS
Fri May 9 12:02:15 2003	edg-info-se	v3_0_8	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	SUCCESS
Thu May 8 20:38:55 2003	edg-lcfg	v1_4_88	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
Thu May 8 19:22:40 2003	edg-lcfg	build2003050811	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
Thu May 8 10:36:15 2003	edg-lcfg	v1_4_87	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
Wed May 7 18:53:45 2003	edg-rgma	v3_1_18	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	WARNING	FAILED
Wed May 7 18:21:47 2003	edg-se-webservice	v1_9_14	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	SUCCESS	SUCCESS
Wed May 7 17:56:08 2003	edg-lcfg	v1_4_86	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
Wed May 7 17:32:02 2003	edg-se-cmdline	v1_9_15	NO	SUCCESS	AutoTools	SUCCESS	SUCCESS	SUCCESS	SUCCESS	SUCCESS	FAILED
Wed May 7 17:07:11 2003	edg-lcfg	v1_4_85	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
Wed May 7 16:51:52 2003	edg-rgma	v3_1_17	NO	SUCCESS	Ant	NA	NA	NA	SUCCESS	WARNING	FAILED
Wed May 7 16:24:56 2003	edg-lcfg	v1_4_84	NO	SUCCESS	Makefile	NA	NA	SUCCESS	SUCCESS	SUCCESS	FAILED
Wed May 7 15:54:57 2003	edg-metadata-catalog-client	v1_2_13	NO	SUCCESS	Ant	NA	NA	NA	FAILED	FAILED	SUCCESS
Wed May 7 15:34:21 2003	edg-reptor-client	v1_1_2	NO	SUCCESS	Ant	NA	NA	NA	FAILED	FAILED	SUCCESS



BOD (continuing)

```
checkout/edg-module/  
  bod_dummy  
  
$ cvs tag build123 bod_dummy
```





BOD (finishing)

- ◆ BOD will start of TAG is of the form
 - build [0-9]*
 - v[0-9]*_[0-9]*_[0-9]*
- ◆ Produced RPMs are published only for edg valid version name.
- ◆ BEWARE: the module must have been tagged with that tag! (as it is this one that is used for build).
- ◆ No more than a build per 10 mn on the same module is allowed.
- ◆ BOD are serialized: please be patient.

Where ?

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- ◆ [Build On Demand page](#)



Open problems

- ◆ Ant lock
- ◆ BOD non local modules
- ◆ ...