



Enabling Grids for E-scienceE

gLite Restructuring R-GMA, SD, BDII and GIP

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www.eu-egee.org
www.glite.org



	Build	Client	Server
org.glite	Y		
org.glite.security.trustmanager	Y	Y	Y
org.glite.security.util-java	Y	Y	Y
servlet API and container (tomcat)	Y		Y
java	Y	Y	Y
xerces-c	Y	Y	
log4cxx	Y	Y	
bcprov-jdk14 (bouncy castle)	Y		
mm-mysql (jdbc connector)	Y		Y
xerces2-j	Y	Y	Y
log4j	Y	Y	Y
python	Y	Y	
mysql client			Y
mysql server			Y
C, C++	Y	Y	

Orange things might be avoided in future

ant

JavaCC

fig2dev

pdfLatex

bibtex

javadoc

make

bash

There is a lot of orange here – see later

	Build	Client	Server
C	Y	Y	
Java	Y	Y	
org.glite.rgma.api-java (for R-GMA plugin)	Y	Y	
openldap client (for BDII plugin)	Y	Y	

Ant

Antlr

...

	Build	Client	Server
perl			
openldap client		Y	
openldap server			Y
perl(Getopt::Long)			Y
perl(IO::Socket)			Y
perl(LWP::Simple)			Y
perl(Net::hostent)			Y
perl(POSIX)			Y
perl(strict)			Y
perl-libwww-perl			Y

	Build	Client	Server
perl(File::stat)	Y	Y	Y
perl(FileHandle)	Y	Y	
perl(POSIX)	Y	Y	
perl(strict)			

- **Some portability problems from building documentation etc with “exotic” tools:**
 - Latex
 - Docbook
 - JavaCC
 - Antlr
- **The output of all of these is portable:**
 - .java
 - .pdf
 - .cpp
- **Have a special target to build these (and store back in CVS if changed)**
 - Only used by developers
 - Those porting to exotic platforms have an easier life
 - Saves time in builds
 - If taken to the limit, jars go back into CVS!