Participants:

Morris Riedel, Anders Waananen, Oxana Smirnova, Mattias Ellert, Oliver Keeble, Andres Abad Rodriguez, Valery Tschopp, Owen Synge, Christian Bernardt, Paolo Andreeto, Andrea Guarise, Zdenek Sustr, Bjorn Hagemeier, Giuseppe Fiameni, Cristina Aiftimiei

Cristina:
 − there is a table with the status of the EMI-0.
 − PT should have had a look and indentified where the problems are
 − problems last week because of dependencies added without having the proper .DEFAULT property in the project-configuration; still missing rpms (fcgi) in the build-image
 − more Properties where added, their absence caused problems with the build: gLiteCopyright, gLiteCopyrightText, gLiteLicenseText

VOMS:
 − status updated in the table
 − all components are building except voms-mysql
 − Vincenzo provided information about changes performed (link)

CESNET Security & L&B (Zdenek):
 − problem with the transition from vdt-globus to globus from EPEL, still not working
Cristina – should continue the discussion with Paolo, which seems to have more experience
Paolo:
 − answered Zdenek e-mail
 − they are busy working on m4 macros, that maybe are not useful to Zdenek that is using make
 − in general, a good think is that the EPEL globus, provides complete support for package-configuration (pkg-config), so it's easy to write m4 macros.
 − Has no suggestion for people using only make
Zdenek:
 − the actual problem is that the original configuration in etics define a set of properties with location of various flavours of globus
Paolo;
 − the problem is with this flavours: now there is no more the no-thread flavour, don't know how to solve this problem
Owen:
 − should we just point to the directories hardcoded in the configure options or are there vars intended to say where the directories are intended to be?
Anders:
 − gridsite-core has a missing globus.location property – this should be defined
Oliver:
 − there will allways be variables, they don't have to be defined
Mattias:
 − should not define the globus.location for the EPEL globus
Owen:
 − there's a complication: globus has a library location, unusual for the lib64, discussion with Mattias (see end of minutes)

gLite Security:
– no report send
– suffer from the transition from VDT_globus to EPEL globus
– status present in the table

InformationSystem:
– ALL emi.bdii components building

UNICORE (Bjorn):
– are able to build all the configs individuay also on the EPEL platform
– but the build from top-down subsystem-configuration, therea re still some problems, maybe caused by multiple java/jdk dependencies; will try another build
– they are close because they are able to build all the components individually as they wanted them
– only this morning UNICORE/X & Registry components, only then were added in the subsystem-configuration
– wil update the status table with the name of components that are building

dCache (Owen):
– all the configuration specified in the dCache subsystem are building
Owen:
– there's a problem: for some reason some of the old gLite settings for server and the srmclient, downloading the rpms an "building", and it was not yet enabled the globus-gsi-tunnel in dcap
– talking with Mattias on the EVO-dashboard and will try his solution
– for the dcache-server – there's an issue – with the tick-rendering the xml, suspect that they are compiling under the openJDK because the problem doesn't present working locally; will investigate and communicate

DataManagement (Oliver):
– most of components have problems with the globus-location var
– is the globus.location going to be defined in the project-configuration?
Cristina – no
 Oliver:
– this because this should be now a standard location
– the next thing to do is to check the configurations and try to pick-up this location from the standard one
Cristina:
– lfc-devel is building, this should be good news for ARC that had a dependency on it

ARC:
– ALL components are building , but maybe they don't have dependencies on lfc-devel expressed.
– Report from Martin, after the meeting: the last time I have submitted builds (Wednesday last week) there were still problems with lfc and gridsite dependencies. Without those the builds for ARC components are going fine.

DGAS (Andrea):
– fixed the dependecy on the wrong globus, it was refactoring the code since last week, now

should depend on EPEL globus;
- the last build showed the same globus problems as for other PTs

Cristina:
- most of the PTs are sufferig fomr the same problem – the advices of Mattias on the EVO-dashboard should be put on the twiki!

APEL (CristinaDCN):
- they have a problem with the location of the dependencies, for bouncycastle & mysql driver they get the proper location for the jars, but for log4j no valid location – for this she set manually the location on the build-command to try to go bit further, now the problem with the fact that ant is not found in the junit task

ARGUS (Valery):
- ALL components are building;
- Valery – will add the dependencies that were removed, so maybe there will be problems; at least the Runtime dependencies will have to be added for the C components, otherwise if one tries to install the package some dependencies will be missing, so it will not work
- will try to add them today, so they will reflect in the nightly-build

JobManagement (Paolo):
- they are able to build the cream-ce service at least locally, but using some workarounds because most of components, like trustmanager or delegation, are not building;
- the C++ components there are a lot of dependencies that are not building, the most important one is the gsoap-plugin, without this one neither the client or others can build
- couple of problems with particular dependencies, fastcgi, that has a different name – should be solved for WMS
- for globus they are using already the pkg-check and macros m4 that are already provided by the standard autoconf installation
- the pkg-config support is good so it would be very interesting to put in all the components in all their components; Vincenzo already applied this for the C++ components, it would be interesting to share his experience

MPI:
- both components are building without problems

STORM:
- problems with maven; under investigation
- sttil working on adding dependencies

AOB:
Cristina:
- discussion about Change management
Owen:
- will prepare details on the wiki page before next week, and inform the ChangeManagement Task Force

DISCUSSION on EVO-Dashboard:

Owen:
dcapBuildPackage_EPEL_i386_CO_5.4
 ./configure --with-globus-lib=/usr/lib/ --with-globus-include=/usr/lib/globus/include/
dcapBuildPackage_EPEL_x64_CO_5.4
 ./configure --with-globus-lib=/usr/lib64/ --with-globus-include=/usr/lib64/globus/include/
dcapBuildPackage_VDT_i386_SL_5.4
 ./configure --with-globus-include=/opt/globus/include/gcc32/ --with-globus-lib=/opt/globus/lib/
dcapBuildPackage_VDT_x64_SL_5.4
./configure --with-globus-include=/opt/globus/include/gcc64/ --with-globus-lib=/opt/globus/lib/

Mattias:
dcap EPEL specfile:
%configure \ --with-globus-include="%{_includedir}/globus -I%{_libdir}/globus/include" \ --with-globus-lib=/dummy

Valery:
you can use pkg-config in your configure.ac too
have a look at the PKG_CHECK_MODULES(GLOBUS_GSI, ...) in
http://svnweb.cern.ch/world/wsvn/glxa/gsi-pep-callout/branches/1_1_EMI/configure.ac