

Participants:

Jon Kerr Nielsen, Martin Savko, Oxana Smirnova, Cristina Del Cano Novales, Owen Synge, Massimo Sgaravatto, Paolo Andreoto, Zdenek Sustr, Bjorn Hagemeier, Alberto Aimar, Lorenzo Dini, Pedro Andrade, Cristina Aiftimiei

Cristina:

- expects report from the PTs about the etics-configuration situation
- if clarification on the schedule of work or timeline was needed, this should have been requested ASAP, not after days
- starting with the schedule - VOMS - has components/configurations present in EMI-0, with the right package names, as they are expected for ex. by ARC
- for the CESNETSecurity - Zdenek is preparing the e-mail with the configuration names; the translation from old-new should be easy to derived; on Lorenzo's request he's working on the complete list of components/configuration names
- this list should be prepared not only because of Lorenzo's request, but also because gLiteSecurity is reorganizing their subsystem (org.glite.security) so the parts of CESNETSecurity present inside there should be cloned to a new subsystem.

Zdenek - was thinking that this change will be done only for EMI-1, and that EMI-0 will continue with the old-structure.

Lorenzo:

- working to the script to move things around in etics
- in general if the comp/subsys are not available is the script suppose to create them or they should be created by hand?
- is the structure kept as it is right now or it has to be changed?
- there is now the opportunity, since we do all automatic, to restructure the subsystems
- What is prepared is a script that takes as input a file with project/subsystem/component/configuration that is the source config, and the names for the destination proj/subsyst/compon/config. It takes the source config and commits it to the destination location, creating all the new subsystems/components/configurations
- the script will be available tomorrow, until then what is needed is to know exactly what the user wants, restructure a subsystem, rename a component
- about renaming - in the guidelines was specified the "small-caps" for everything, project/subsystem/components/subsystems. in this way it's easier to use from the command-line. So all names should be changed to small-caps.

**Action on Cristina** to change everything to small-caps (EMI->emi)

- guidelines should be followed also for the "Module Naming" schema, emi.subsystem, emi.component.

Cristina - tried but is not working, the emi.subsystem.component. is automatically added.

Zdenek - the naming-schema in the guidelines is not good for components with names as 'server' or 'client', as there could be more emi.server, emi.client components in more than one subsystem.

Lorenzo - for the components that need the presence of the subsystem in the name there's no problem, like the "lb" case, but for others like org.glite.data.lcgdm it's better to have emi.lcgdm; anyhow it's not something mandatory

Zdenek - should replace "." with "-"? - Lorenzo - no! it's better keeping the ".", because when parsing the names, the "." it's an indication of the parent subsystem, so it's not presented, having in this way a shorter naming.

Lorenzo:

- renaming - everyone should send the name sof the subsystems/components/configurations, and tomorrow everything will be automatically imported.

- build-image is created, the name: "EPEL-Custom: Scientific Linux 5 (x86\_64) with gcc 4.1.2"

(sl5\_x86\_64\_gcc412EPEL) - the configs for EMi should

contains either "Default platform" or this one, not the old "sl5\_x86\_64\_gcc412"

- they will do a bunch-update for all configurations to change the platform

- on the Configuration&Integration Guidelines - there is a link

([http://eticssoft.web.cern.ch/eticssoft/internal/public/VMWareImages/EMI\\_SL5\\_x86\\_64\\_EPEL\\_rpmlist.txt](http://eticssoft.web.cern.ch/eticssoft/internal/public/VMWareImages/EMI_SL5_x86_64_EPEL_rpmlist.txt)) the complete list of the rpms installed in the build-machine; the only exception is maven that will be installed from a tarball

- another missing package, org.glite.build.common-java, because is not present/available in any repository;
- for this, and another packages, that will have to be provided, a yum repository, emi-third-party, will be created

Cristina - org.glite.build.common-java is not used for SI5/x86\_64, so it can be removed

Lorenzo: - Cristina to remove from the list published in the EMI-0 twiki the name of this rpm

**Action on Cristina** - to send a request to all PTs for the complete names, "old" project/subsytm/component/configuration and "new" subsystem/component/configuration, to be migrated. No guessing should be expected!

Cristina:

- gLiteSecurity - Oscar - it's preparing this list

- DM & InfoSystem - Pedro - started to prepare the list, ready by the end of today; When is expected the first build using this configurations? this information is useful for been able to evaluate the effort needed to have "buildable" configurations, to fix the errors Cristina - as the build-image is ready, as soon as all the configurations are present under EMI, a first build will be tried, and the report will be send

Lorenzo:

- about the first build - some preparation is needed to prepare the EMI project-configuration, together SA1 & SA2
- for the PT that don't express dependencies in their configurations, like ARC, there will be no problems, but for others that have a lot of dynamic-dependencies specified, there is a need to put a lot of DEFAULT properties in the project-configuration, otherwise they will be considered unresolved. This will be expressed as properties that will point to external configurations, so this external-configuration will have to be defined, with the proper versions
- Cristina - to create a project-configuration, link it to all the subsystems configurations, then start a build, by this we'll get a list of hundred unresolved dependencies. From that list, SA1&SA2, will have to work to add them
- as soon as the new etics-client is available, instead of using packagename.DEFAULT=configuration, will be used packagename.DEFAULT=OS.DEFAULT, without any version. What is done right now it's just an exercise because this feature is not ready yet.

Cristina

- the rest of the PTS are asked about their configuration-status
- gliteAPEL - Cristina understood what's needed and will prepare the list
- ARGUS - not present
- dCache - Owen - what's needed? because they gather all their dependencies from gLite. Cristina explained the need to have under EMI, the subsystem dcache, with components & configurations, so their names are needed. Owen understood and will prepare the list
- ARC - Martin already send the request, so they understood what was requested.

Martin - question regarding the naming convention, as under voms subsystem the components have strange names, that don't follow the guidelines

Cristina

- yes, they preferred to keep the old names, to be able to do faster what was requested, but took care that the names of the resulting packages are as expected by ARC
- on the twiki "EMI-0 Activity" (<https://twiki.cern.ch/twiki/bin/view/EMI/TSA13#Milestones>) there is a table where is reported the association between the component names and provided package name, like org.glite.security.voms-clients => voms-clients

Next on the list:

- UNICORE (Bjorn) - started to work under emi.unicore subsystem, compilation works, some problems with packaging that will be solved; will update the table on the twiki with components names and their status; will need to migrate some other components/configurations for which he'll send the list; one concern is that all components depend on some properties present in the uncore project-configuration, that are inherited by underlining components

Cristina - this properties will be present also in the EMI project-configuration, it's enough to send an e-mail to remember about this request.

Next:

- gLite JobManagement - in the EMI project there are only the subsystems, will start working on the components on the next days, at the end of the week they will have also the components; no cloning is requested as they are planing a deep restructuring of their subsystems

Cristina

- will prepare a similar list for yaim;
- the change in the platform used will be needed for all the components, or for most of them

Lorenzo

- after tomorrow "cloning", a scan will be done searching for the defined platform, and where the old SL5 will be found it will be replaced with the new sl5\_x86\_64\_gcc412EPEL one.

Paolo

- question about condor - condor 7.4 is expected but an older version 6.9 is provided; who is in charge to keep track of the packaging of the condor dependencies, as it is not present in the EPEL repository; where can be found?
- an e-mail was send about this with no answer, they are not interested on the version installed on the WN whre the build is done, but on the rpm.

Lorenzo

- this is why we need the emi-external repository, we'll put there the condor directly from the condor yum-repository, and it

will be available from there. The CREAM PT will be responsible not for the packaging, as the rpm is already available, but on keeping updated the version available in the emi-external repository

- when the new etics-infrastructure, there will be an minimal-image, so in this case a yum repository including condor will be needed => emi-third-party repository

Massimo - it is foreseen to have a check that the configuration provided by the PTs are compliant, wrong defined properties?

Lorenzo

- they are thinking to have a nightly-script that will validate the configurations, it need the first build to be able to figure out what is used/needed

Martin - lfc is not in the image, but is available in EPEL, what is the status of this component?

Lorenzo

- lfc is an internal component, Pedro will prepare it's configuration, so that ARC can express a dependency on it

- will be ready/available for testing when the script for automatic cloning will be run.