Iteam Report

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Report about WMS problem list

- problem 1:

  - if a subsystem A depends on some components of a subsystem B, the whole subsystem B will be built before the subsystem A

  - We asked to build just the few needed components of the subsystem B before the subsystem A

- A solution is feasible but not easy.

- A temporal solution is possible adding an ant target to manage the stage tarball automatically (not manually)

  - ant -f project/glite.xxx.csf.xml -Dget_stage=true

- We start discussing about this problem during March, hoping to add changes soon after the release candidate 1 (end of March)

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- problem 2:
  - The release/baseline/etc targets only work for the subsystems
  - We said that it should be useful to provide the above targets not only for the subsystems but also for their components
- Di Meglio should have already done (his deadline was last Friday)
- problem 3:
  - The files located in the config directory of java components are not well handled. In fact they are provided via rpms but they are not installed in the stage area
  - A clear solution should be provided
- Di Meglio should have already done (his deadline was last Friday)

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- problem 4:

  - Some scripts files provided via glite-wms-ui-gui-java rpm are installed with wrong permissions (i.e. they are not executable)

  - It is not clear how to solve the problem

- Joachim told me that Robert is looking the problem

- problem 5:

  - Some files located in the component called org.glite.wms-ui.cli-python installed in the stage area not provided via rpm. More precisely they are symbolic links to files

  - It is not clear how to solve the problem

- I looked the binary tar file (it seems correct)

  - I will send to Robert my report

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- problem 6:
  - It seems that the style checks and the compilation and running of the unit tests be enabled by default.
  - We asked to disable by default the style check and the compilation and running of the unit tests, especially if they occur in dependencies on which the developer of a single component may not have any control
  - We asked to make it during the nightly build

- It was decided to introduce a new flag in the glite.build.properties, located in the ${HOME} area, to allow developers to disable the compilation and run the unit tests

- problem 7:
  - At the moment it is possible to create one rpm for each component
  - We asked if it is possible to have more rpms for each component

- We start discussing about this problem during March, hoping to add changes soon after the release candidate 1 (end of March)

WARNING: What to do

- commit only after verified that the build system has not been broken

- if a component changes an external dependency (e.g. increasing version, changing tar file), please communicate this to the mailing list

  - e.g. due to interaction between ce api and ism, we lost more than one week to be able to build the software

  - e.g. lb ?

  - e.g. wms-ui ?