



# EMI Tools Feedback









Open discussion

EMI AHM Meeting  
31 May 2011, Lund

# Platform Support

- New SL6 and Debian6
  - Image creation and pool configuration
  - Support for PBuilder, dpkg, APT
  - 3<sup>rd</sup> party dependencies (SA1)
  - Extension of (Config, Pack) policies for Debian
- Cristina: ETICS project configurations ready for all platforms (**end of June 2011**)
- Deb6 APT repositories to be used
- Organization of 3X worker nodes (priorities)
- Are APT ETICS repositories needed?
- ARC/UNICORE/dCache experts to contact?

# EMI configuration options

| One configuration with three platforms  | One configuration per platform   |
|---|--|
|  Only one configuration to maintain  |  Three configurations to maintain   |
|  Changes could affect the builds on other platforms  |  Completely independent of changes in the other platforms   |
|  It is not possible to add/remove or use different components configurations depending on the platform |  Component configurations can be different and added/removed without affecting the other platform |
|  Easy to build in different platforms  |  The manual build task take more time as they are three different submissions                     |

# ETICS Service

- Planned features
  - [New platforms]
  - Usability, DIFF, plug-in support in portal
  - Extended lifetime of volatile ETICS reports
- Andrea:
  - Local builds user manual
  - Client new feature documentation
  - Distinguish strict-compliance VS failure in builds
- Paul:
  - Parallel compilation / caching optimization
- MAVEN Repository request

# ETICS Infrastructure

- Reliability work
  - New Monitoring and Alert system
- Performance
  - Hypervisor-dedicated WNs for project builds
  - WN Performance RAID-0 (+25%) EXT3 -> EXT4 (+15%)
- Functionality
  - Access latest 5 checkpoints (limited resources!)
  - Temporary access to empty ETICS nodes
- Cristina: Instabilities -> Is the planned work enough?
- Provide ways to the exact build WN setup to the PTs

# Testing and QA

- Metrics Tools
  - Trend plots
  - New charts for Java, Python and C/CPP
  - Improve metrics after feedback
- How to make PTs add tests in ETICS
- Andrea:
  - Metric dashboards
  - Plugin documentation

# Communication and Organization

- Is more training needed?
  - How to use ETICS for testing?
  - Experience/tools of teams that use testing already  
(lcg-DM, SAKET = Swiss Army Knife for ETICS Testing)
- Communication issue in getting feedback?
- Is the general documentation available in the policies enough?
- Is the GGUS support satisfactory?
- Mentioned issues:
  - Cristina: Development during critical moments
  - Oscar: Delayed ETICS releases

# Anything Else

- ????





**Thank you**

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