



SA1.3 – Release Management

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EMI Release Manager

EMI All-Hands Meeting
Lund, 30 May – 1 June 2011

12.05.2011

EMI 1 (Kebnekaise) was released

Release Management process

- EMI 1 Release Schedule
 - Milestones & Important dates
- EMT coordination
- Build process:
 - ETICS configurations
 - Nightly Builds
- Repositories:
 - RCx repositories
- Release preparation:
 - Release notes
 - Acceptance Criteria

EMI 1 Release Schedule

- Deliberately aggressive schedule:
 - <https://twiki.cern.ch/twiki/bin/view/EMI/EMI1Schedule>
 - due to late start
 - Accumulated delays
- Frequent adjustments of the schedule
 - Learning phase
- Testing & certification require more time
- RCx deployment on the EMI Testbed:
 - time consuming & limited effort

30 May - 1

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EMT Coordination

- <https://twiki.cern.ch/twiki/bin/view/EMI/EMT>
- The EMT is the Engineering Management Team and is responsible for managing the release process and the software changes. This is lead by the release manager. It is composed of:
 - Product Team leaders & representatives.
 - QA representative
 - Security representative
 - Operation team representatives of major infrastructures (EGI, PRACE, etc)

Build process & Repositories

- ETICS infrastructure:
 - Lot of development done in critical moments
- ETICS builds:
 - Increased successful build rate:
 - Better understanding of the tool & of packaging requirements
- Repositories:
 - Populated with packages from the nightly builds
 - Now manually updated
 - Automatic update will improve availability

Release final preparation

- Production repository preparation:
 - Builds for emi_R_1_0_0_1 – locked
 - Signing – **Signing Procedure**
- Acceptance Criteria table preparation
 - <http://www.eu-emi.eu/kebnekaise-acceptance-crite>
- EMI 1 Release public area preparation
- EMI 1 rollout on the EMI testbed:
 - from the production repository
 - signed packages

release.xml



```
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  <product:productName>gLite MPI</product:productName>
  <product:productShortName>mpi</product:productShortName>
  <product:description>gLite MPI Utils</product:description>
-<product:documentationLink>
  http://www.eu-emi.eu/kebnekaise-products/-/asset_publisher/4BKc/content/glite-mpi?redirect=http%3A%2F%2Fwww.eu-emi.eu%2Fkebnekaise-
  products%3Fp_p_id%3D101_INSTANCE_4BKc%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn-
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  <product:majorVersion>1</product:majorVersion>
  <product:minorVersion>0</product:minorVersion>
  <product:revisionVersion>0</product:revisionVersion>
-<product:releaseNotes>
  What's new: * Support for user defined mapping of processes * Support for SLURM and Condor schedulers * Review of MPI implementations and schedulers *
  Basic support for OpenMP * Use command line options instead of environment variables. * Added testing of most features * Fixed installation paths, default
  installation now follows FHS Deployment notes: * No special installation requirements, no need for restarting services. * Yaim plugin available for configuration
  in WN and CEs *Known Issues: ** Fine grained process mapping is not supported with Slurm or Condor schedulers. * Shared filesystem detection only works in
  Linux.
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  <product:updatedPackage>mpi-start-1.0.4-3.sl5.noarch</product:updatedPackage>
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Thank you

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