

EMI 1 (Kebnekaise) & EMI 2 (Matterhorn) Status

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EMI Release Manager

WLCG GDB

CERN, 13th June 2012

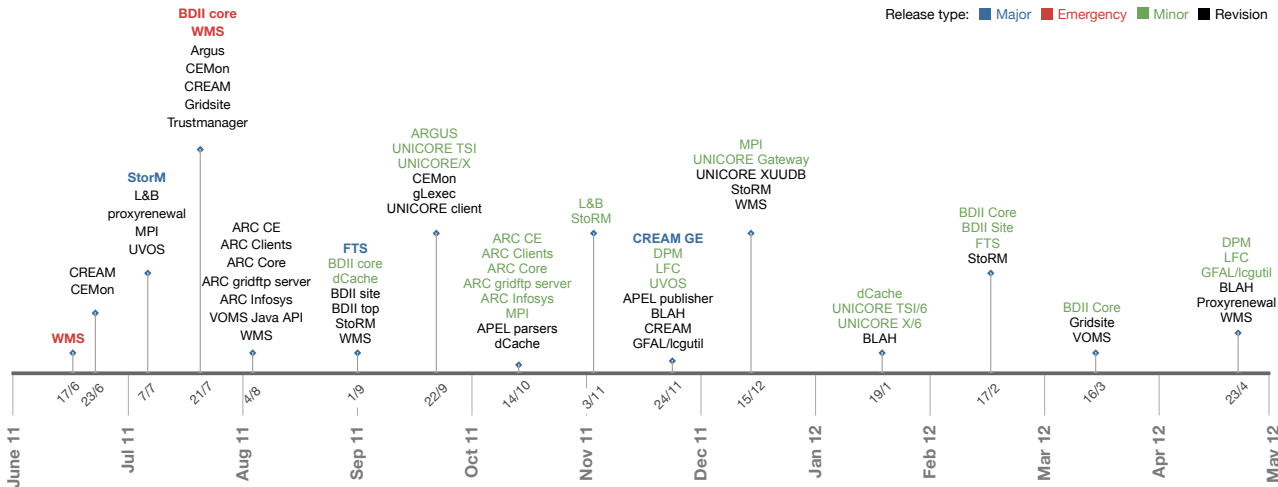
- EMI 1 Updates
- EMI Timeline & Maintenance Schedule
- EMI 2
- EMI Updates Schedule

EMI 1 Updates

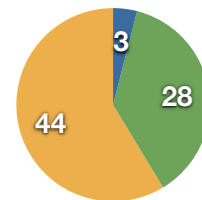


EUROPEAN MIDDLEWARE INITIATIVE

Release type: Major Emergency Minor Revision



- 15 EMI 1 Updates
- 75 products releases



Major Minor Revision

- **Update 15 – 23.04.2012**

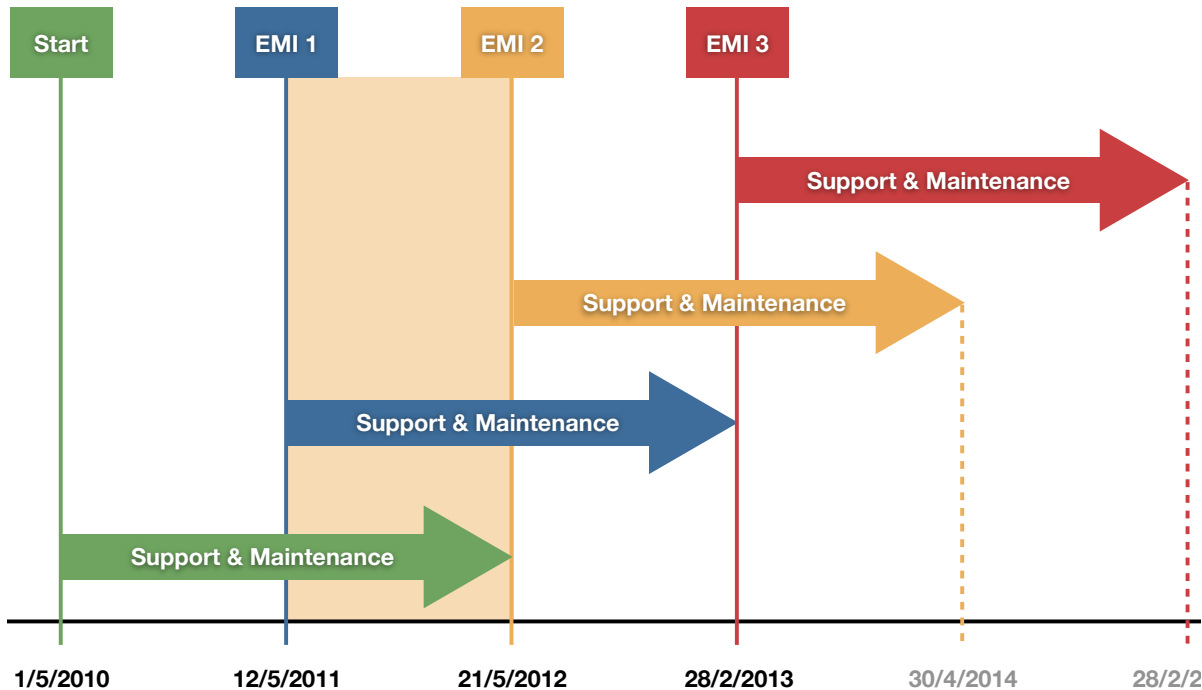
- Minor releases

- *DPM/LFC, v. 1.8.3 and GFAL/lcg_util, v. 1.12.0*

- Revision releases

- *BLAH, v. 1.16.5, glite-proxyrenewal, v. 1.3.25 and WMS v. 3.3.5*

EMI Timelines



EMI Maintenance Schedule



EUROPEAN MIDDLEWARE INITIATIVE

Release	Code Name	Release Date	End of Full Support	End of Standard Updates	End of Security Updates and Support
EMI 1	Kebnekaise	May 12, 2011	April 30, 2012	October 31, 2012	April 30, 2013
EMI 2	Matterhorn	May 21, 2012	April 30, 2013	October 31, 2013*	April 30, 2014*
EMI 3	Monte Bianco	February 28, 2013	April 30, 2014*	October 31, 2014	April 30, 2015*

Full maintenance period – 12 months

- Correct issues in the code and provide new features

Standard maintenance period – 6 months

- Correct issues in the code, but no new feature is introduced

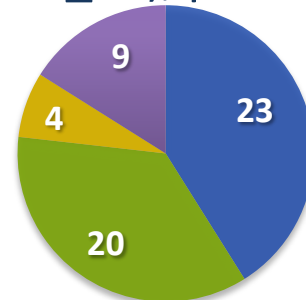
Security updates period – 6 months

- Are provided only updates targeting security vulnerabilities

End-of-life period:

- no updates or support is provided any more

- EMI 2 released 21st May, 2012
 - 2nd snapshot, ending point of a year of development, certification and release cycles
 - 56 products
 - Full support for SL5 and SL6 (x86_64), partial Debian6 support
 - 454 (SL5), 447 (SL6)
 - 60 (Deb6) packages



■ Major ■ Minor ■ Revision ■ Repackage

- 5 new products:
 - CANL, EMIR, EMI-Nagios, Pseudonymity, WNoDeS
- Better integration of the **Argus** authorization service in the CEs and SEs
- Better support for **GLUE 2** in all relevant services
- initial implementation of the **EMI Execution Service** interface in all CEs
- Support for **industry-standard protocols** for accessing the EMI SEs (NFS4.1, http, webDAV), a messaging-based Storage Element-File Catalog synchronization service (**SEMmsg**)
- Not released: **Hydra, WMS**

- ARC:
 - *Compatibility of ARC WS endpoints with older ARC 11.05 clients that relied on incomplete GLUE2 to communicate to pre-production WS endpoints are broken due to the more compliant GLUE2 LDAP and XML rendering introduced in this release. Upgrade to new ARC 12.05 Clients is highly recommended.*
 - *No backward incompatibility is introduced w.r.t. the production gridftp interface.*
- WMS-cli:
 - *Removed unused command-line options (--default-jdl, --output)*
- Packaging changes in
 - gridsite
 - cgsi_gsoap
 - dCache
- Mainly to comply with existing EPEL package names

- Y3 - provide continuous delivery of EMI 1 and EMI 2 updates
 - Continue supporting 1 update cycle/month
 - *Include all products updates, EMI 1 & EMI 2*
 - *First cycle: 02 July – 12 July*
- General Links:
 - <http://bit.ly/emi> all active tasks
 - EMI 1 Products & Updates
 - <http://www.eu-emi.eu/emi-1-kebnekaise>
 - EMI 2 Products & Updates
 - <http://www.eu-emi.eu/emi-2-matterhorn>

- **BDII top, v. 1.0.2 ([EMI1](#) & [EMI2](#))** – revision releases
 - Update FCR mechanism to work with the new SAM interface.
 - Fixed wrong location of top-urls.conf file.
 - Randomise glite-info-update-endpoints cron job.
- **BLAH, [v. 1.16.6](#) (EMI1) & [v. 1.18.1](#) (EMI2)** – revision releases
 - fixing a problem with LSF BUdater causing wrongly reported IDLE state jobs
- **[DPM](#) / [LFC](#), v. 1.8.4 (EMI2)** – minor releases
 - New features:
 - *dpm-replicate should also handle directories & take into account filesystem on the same server*
 - *Store GUIDs in DPM*
 - *should-start / required-start of service daemons*
 - *possibility to limit the number of concurrent transfers in dpm*
 - *publication of version and distribution version along with glue2*
 - *improved logging of missed mappings*
 - *Administration tools*

- **GFAL/lcg_util, [v. 1.12.0](#) (EMI1)** – repackaged release
 - SL5/i386
- **GFAL/lcg_util, [v. 1.13.0](#) (EMI2)** – minor release
 - Delivers GFAL2 2.0.0 (first official version)
 - SL5 & SL6/i386
 - Bugfixes
- **WMS, [v.3.3.6](#) (EMI1)** – revision release
 - Fixing:
 - *Broken submission to ARC*
 - *Condor gridmanager keeps crashing on wrong assertions about some ldap attributes ordering*
 - *EMI-1 WMS does not propagate user job exit code*
 - *some sensible information should be logged on syslog*
- **WMS, [v. 3.4](#) (EMI2)** – major release

- UI/WN tarballs
 - Release them in the next update
- Debian 6 porting
- Java APIs on Maven Central
- Release into EPEL/Debian repositories



Thank you

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