

# Review of Middleware Requirements

OMB, 15 Feb 2011

- EMI Software Maintenance and Support Plan
- Compute Area Work Plan and Status Report (DJRA1.1.1)
- Data Area Work Plan and Status Report (DJRA1.2.1)
- Security Area Work Plan and Status Report (DJRA1.3.1)
- Infrastructure Area Work Plan and Status Report (DJRA1.4.1)

All documents available on the [EGI wiki](#)

- A **major** release for a component is characterized by a well-defined interface and behaviour, potentially incompatible with the interface or behaviour of a previous release.
- New major releases of a component can be introduced only in a new major release of EMI

- A **minor** release of a component includes **significant interface or behaviour changes** that are **backwards-compatible** with those of the corresponding major release.
- New minor releases of a component can be introduced in an existing major release of EMI.

- A **revision release** of a component includes changes fixing specific defects found in production and represents the typical kind of release of a component during the lifetime of an EMI major release.
- An **emergency** release of a component includes changes fixing only Immediate-priority defects found in production, typically security-related.

- *corrective* and *adaptive* maintenance to address defects, potential **defects** and **minor improvements** found in running services in the production environments, based on requests for changes (RfC) in the code of EMI software components.
- What qualifies as corrective and adaptive?
  - Priority: severity, impact, urgency, cost

# Requests for changes (RfC)

- **Immediate**
  - The RfC needs to be addressed as soon as possible, in all affected EMI major releases
- **High**
  - The RfC will be addressed in a next release of the affected component, in all affected EMI major releases
- **Medium**
  - The RfC will be addressed in the release of the affected component that will be shipped with the next EMI major release
- **Low**
  - There is no target date for addressing the RfC.



# EGI support timeline

- only the latest **two EMI major releases** are supported at a time.
  - Within an EMI major release **only the latest version of a component is supported.**
  - More extensive coverage will be evaluated on a case-by-case basis together with the users requesting it.
- Full support for **18 months**
- Security only for another **6 months**





# Support schedule

- gLite 3.2 and arc 0.8.x would be
  - fully supported until October 2011
  - with security updates until April 2012

- EMI 1 reference platform: [SL5/64](#) + EPEL
- [SL6](#) and [Debian](#) available in EMI 2, maybe sooner already
  - during EMI 1 for some components → WLCG: higher priority to Data Management components
- One EMI repository (per major release) for all services
  - base + updates + security
- Following EPEL packaging policies
  - e.g. installation in /usr, not in /opt/glite
  - Full compliance may be achieved later
- Metapackages just for installation
  - Cannot be used to version the installation of a certain product
- In general, no upgrade path between major releases
  - Including from gLite 3.2 to EMI 1

- Which components from EMI 1.0 need to be verified and validated at higher priority?
  - gLite 3.1 and gLite 3.2 end of support calendar
  - Data management components and generally speaking sl6 components
  - ...
  - Discussion in March 2011
- [Preview of EMI 1.0](#)