

# EUROPEAN MIDDLEWARE INITIATIVE

## SOFTWARE DEVELOPMENT TOOLS AND SOFTWARE REPOSITORIES IN PLACE

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### Delivery Slip

|                    | Name                | Partner / Activity      | Date       | Signature |
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| Issue | Item | Reason for Change |
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| 1     |      |                   |
| 2     |      |                   |
| 3     |      |                   |
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## 1. SOFTWARE DEVELOPMENT TOOLS

As a starting point, every tool currently used by the middleware distributions will be supported and maintained. Once new or integrated tools will be available, a migration will be scheduled as transparent as possible for the user.

### 1.1. GLITE TOOL INFRASTRUCTURE

Both CVS and SVN services are provided by the EMI partner CERN which will keep supporting them for the whole duration of the project. A migration from CVS to SVN is recommended by CERN as the CVS service may be discontinued. CERN will also continue to support the bug tracker Savannah, the Twiki, the AFS file system and the e-groups mailing-lists services.

The current instance of the ETICS services will continue to be maintained and supported to enable the PTs of the gLite Collaboration to release updates as part of the standard gLite process.

Bug fixes will be provided when needed and some missing features such as the Multi-Node feature, a new version of the command line interface and configuration web application will be released.

ETICS externals will continue to be registered as needed.

The ETICS build and test infrastructure will keep running and will be updated according to PT requirements about platform availability.

All services support periodic backups and provide SLAs.

### 1.2. UNICORE TOOL INFRASTRUCTURE

The EMI partner FZ-Juelich will continue to support and license Atlassian Bamboo, currently used as build system by the UNICORE PTs.

The SVN, Bugzilla and repository services are provided by SourceForge which defines SLAs on data backup, data recovery and service availability.

### 1.3. DCACHE TOOL INFRASTRUCTURE

DESY will support and maintain all necessary dCache infrastructure for at least the duration of the project. The level of support will be as in the past. DESY does not however have SLAs with internal groups therefore the provided services will not be guaranteed by any agreement.

### 1.4. ARC TOOL INFRASTRUCTURE

The EMI Partner UCPH will continue to support all services currently required by the ARC PTs as long as needed.

ARC SVN, the NorduGrid build and test infrastructure, package repositories, NorduGrid Bugzilla, NorduGrid Mediawiki and mailing-lists are supported by members of UCPH participating in SA2 activities.

All services support periodic backups.

## 2. REPOSITORIES

A common repository is needed in order to bring together the software of the different providers.

### 2.1. BASIC YUM/APT REPOSITORY

An initial YUM/APT repository service has been provided and is currently available to the EMI release manager for a first registration of packages. This repository is based on the AFS and HTTPD services provided by CERN. The AFS space is located at `/afs/cern.ch/project/emi/repository/` and the web site which gives a public HTTP access is located at <http://emisoft.web.cern.ch/emisoft>. The web site is composed of a basic web interface with the EMI logo, a short description of the service and several links to the different package repositories created. A link from the EMI website has been added.

The repository is composed of two sections. A first section providing packages and releases separately for each middleware distribution and a second section that will provide unified repositories for each EMI release, when available.

The binaries can only be uploaded by the release manager that has the privileges to add and sign them before creating the repositories. All the content copied into the AFS space is reflected to the web.