

JRA1.7 - Definition and Implementation of the Integration Work Plan - Task Force EMI-UI / EMI-WN

Mandate and expected results

- Explore possibilities of how a EMI-UI similar like the "gLite UI" might look like for the various EMI technologies
 - ◆ TBD: Mandate (including deadlines) to be revised by PTB

Scope

- Take existing work of the EMI components (e.g. gLite UI) into account and evaluate it
- The idea is to gather requirements from DCIs to know which clients they need. In the case of WLCG, gLite UI and gLite WN is needed.
- The other middlewares should provide a similar list, which is then bundled together for creating a yum group.

Issues

- The main issue to discuss is to check with WLCG whether they need SL5/32bit versions of the clients, as it is the case right now. To do this we need to clarify who is the contact person to WLCG? Will be discussed in PEB (23/02).
- yaim-clients have to be maintained for the meta-packages in EMI? It configures in general gLite UI, WN and VOBOX. Some expert from gLite has to do that. Who?
- Providing the meta-packages only as RPMs or as also as tarballs?
- As long as EMI WN is not yet available, gLite WN should be used (e.g. for tutorials).

Overview of packages for meta-package EMI-UI

- GLite
 - ◆ [Link to gLite package List](#)
- UNICORE
 - ◆ UCC
 - ◆ HILA Shell
 - ◆ HILA UNICORE 6
- ARC (packages require further dependencies)
 - ◆ nordugrid-arc-client
 - ◆ nordugrid-arc-plugins-needed
 - ◆ nordugrid-arc-plugins-globus
 - ◆ nordugrid-arc-python
 - ◆ nordugrid-arc-java
 - ◆ nordugrid-arc-compat
 - ◆ ca_policy_igtf-classic (IGTF certificates)
 - ◆ ca_policy_igtf-slcs (IGTF certificates)
 - ◆ ca_policy_igtf-mics (IGTF certificates)
- dCache (Note: potential overlap with already gLite-UI)
 - ◆ dcache-srmclient
 - ◆ Dcap library
 - ◆ SRMCP

Overview of packages for meta-package EMI-WN

- GLite
 - ◆ Link to gLite package List [↗](#)
- UNICORE
 - ◆ no components on worker nodes
- ARC
 - ◆ no components on worker nodes
- dCache
 - ◆ already part of gLite-WN (srm elements, etc.)

Detailed list of packages for meta-package EMI-UI (reference to Savannah)

The latest list of packages in EMI-UI can be found at Savannah [↗](#)

Detailed list of packages for meta-package EMI-WN (reference to Savannah)

The latest list of packages in EMI-WN can be found at Savannah [↗](#)

Task Force Leader

- André Giesler

Task Force Members

- Anders Waananen (ARC)
- Björn Hagemeier (UNICORE)
- Christian Bernardt (dCache)
- Maria Alandes Pradillo (gLite)
- Cristina Aftimiei (maintains Savannah tasks and creates the meta-packages)

Task Force Evaluators

- Project Technical Board (PTB)

Tracking

- 2010-12-14 PTB decides to create a UI Task Force in EMI within JRA1 [[PTB Meeting Details](#) [↗](#)]
- 2011-01-19 Morris creates initial UI Task Force page with members given by the PTB and ask for review from PTB
- 2011-02-23 Update about open issues and package list
- 2011-04-01 Andre: Added references to Savannah where the current package list of EMI WN and UI meta-packages are maintained

This topic: EMI > EMIJRA1T7TASKFORCEUI

Topic revision: r13 - 2011-04-01 - AGieslerExternal



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