



JRA1: Compute area (task forces, ARC CE, Compute CLI)

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JRA1 task forces

- **DISCLAIMER:** Not coordinating any TF
- Compute Clients Harmonization TF
 - Martin, A. Dorigo (gLite), B. Hagemeyer (UNICORE, leader)
 - Workplan:
 - Current state of clients (PM7)
 - Harmonization opportunities (PM10)
 - Deliver Implementation work plan (PM12)
 - Implementation (PM12-PM24)
- EMI-ES WG – not a TF: UiO, NBI, LU
 - Partly in Compute and Standardization area
 - Completely new specification, used BES as starting point
 - Focused on service-level job description document (not for users), JSDL-like
 - Good progress – Specification almost ready

ARC CE

- Mostly UiO (Adrian, Aleksandr, David, Dima)
- Practically everything moved from arc0 to arc1 tree
 - (except of perhaps documents)
- Advance in new data staging framework
- Slow progress on ARGUS
- Bug fixing, maintenance

ARC CE TODO

- Now
 - LDAP GLUE2
 - Finish Glue2 (XML)
 - Change xrs1 to accept new attributes for parallel jobs (RTE arguments, slots per core etc)
 - Implement common XACML profile for ARGUS
- Longer term
 - Add a plug-in to A-REX sending messages (Laurence)
 - Limited interactive access to CE?? Clarify with whoever's idea is it
 - Implement EMI-ES (contribute to definition)
 - Implement common delegation solution (find out who defines it)
 - Implement common UR (find out who defines it)
 - Sync with eventual SRM changes (Patrick)
 - Implement common data library (contribute to its development, find out who does it)
 - Sync with changes in security area, if any (John)
 - Implement common monitoring sensors (find out who defines them)
 - Investigate instrumentation tools (Jason)
 - Implement virtualization extensions (find out who defines them)
 - Implement cloud extensions (find out who defines them)
 - Implement extensions for new architectures (find out who defines them)
 - Migrate to new AuthN libraries (find out who develops them)

Compute CLI

- Mostly Martin, Gabor, Ivan, Salman, Mattias, Zsombor
- Data Broker investigation
- Unit testing of middleware specific plugins
- API improvements for 3rd party developers
- Bug fixing, maintenance
- Planned work:
 - Secure smooth transition between Classic and WS client
 - Create EMI ES client plugin

Other JRA1 TF (according to wiki)

- Security area:
 - SAML: UiO, status unknown
 - Common auth. library: no ARC involvement
- Infrastructure area:
 - Cloud: NIF, status unknown
 - Virtualization – NIF, NBI, LU (since last week), status unknown
 - Remote Service Management: no ARC involvement
 - Service monitoring: no ARC involvement
 - Accounting: NIF, status unknown



Thank you

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