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# Compute Area Client Harmonization

## Workplan for the first year

Besides the harmonization of job related standard interfaces, some consolidation and harmonization is also needed for the clients.

During the first project year it will be investigated which kind of harmonization and consolidation can be done and concrete plans (to be then implemented in the rest of the first project year and in the second year) will be settled. The main objectives are to improve:

- usability
- maintainability
- portability to different architectures and operating systems

## Implementation

- M1 - An evaluation of the current state of the clients in the middlewares taking into account the above mentioned main objectives: `EmiJra1T2ComputeClientEvaluation` (PM7)
- M2 - A description of the harmonization opportunities taking into account results or work in progress of other task forces or product teams (PM10)
  - ◆ SAGA may play a role here
  - ◆ `EmiJra1T2ComputeClientOpportunities`
  - ◆ Proposed workplan to be evaluated by PTB: ~~`EmiJra1T2ComputeClientProposal`~~ (outdated)
    - ◇ `EmiJra1T2ComputeClientWorkPlan`
- M3 - Detailed plan and implementation (PM12)
  - ◆ `EmiJra1T2ComputeClientImplementation`

## People involved

- **Björn Hagemeyer** ([b.hagemeyer@fz-juelichNOSPAMPLEASE.de](mailto:b.hagemeyer@fz-juelichNOSPAMPLEASE.de))
- Martin Skou Andersen ([skou@nbiNOSPAMPLEASE.ku.dk](mailto:skou@nbiNOSPAMPLEASE.ku.dk))
- Alvise Dorigo ([alvise.dorigo@pdNOSPAMPLEASE.infn.it](mailto:alvise.dorigo@pdNOSPAMPLEASE.infn.it))

## TODO

- Björn: polish work plan and circulate to JRA1 ML (cf. Telco 2011-11-30)
- Martin, Björn: Define high-level API (cf. 2011-10-18)
- Martin: Packaging of `libarc*` for better dependency management (cf. 2011-10-18)
- Alvise: low-level stuff (?? don't remember why I wrote this down) (cf. 2011-10-18)
- ~~Alvise: provide architectural diagram with some notes describing what he needs to develop, which components are involved and which he will be able to reuse (cf Telco 2011-11-30)~~
- ~~We should have a matrix of supported platforms for each client in `EmiJra1T2ComputeClientEvaluation`~~
- ~~Add links to client documentation to `EmiJra1T2ComputeClientEvaluation`~~
- ~~Add information about brokering capabilities of the clients to `EmiJra1T2ComputeClientEvaluation` -- BjoernHagemeyer - 11-Nov-2010~~

## Telephone Conferences and meetings

- 2010-10-19
- 2011-06-09
- 2011-10-18
- 2011-11-02
- 2011-11-25
- 2011-11-30
- 2011-12-16

-- MassimoSgaravatto - 06-Sep-2010

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This topic: EMI > EmiJra1T2Compute\_Client\_OLD

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