



Common Authentication Library - status and proposed next steps

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Status

- All APIs were prepared.
- Java API:
 - review done by Joni & Andrea, results applied
 - finalized, ready to be implemented.
- C API:
 - review in progress (Oscar/Mischa and Daniel)
 - results yet unknown (to me), should be finished last week.
- C++ API:
 - review in progress (Martin Skou Andersen); should be finished this week.
- For both C and C++ examples and a more detailed overview is needed.

Facts

- Product team must be formed.
 - Until then these slides can be only a suggestion.
- Implementation of the 1.0.0 ready at M22 (February 2012).
 - A lot of work after this date should be expected (integration starts).
- Assumption: most of the code is going to be taken from the existing libraries.
 - The list of components with implementations of authN code is on the wiki.

Forming a PT

- UNICORE Security PT can be involved in Java implementation.
 - For sure not alone - at least help of one person supporting Proxy integration is needed.
- C API implementation
 - initial plan is to use NIKEF human resources
 - still doubtful due to formal issues.
- C++ API implementation
 - will be done by ARC people.

Proposed implementation process

- Decide whether to base C++ on C.
- It is obvious that the current APIs will change:
 - in API itself unforeseen errors may happen,
 - integration will provide additional (again unforeseen) requirements.
- It would be beneficial to implement the library in a proactive way:
 - for each API choosing one of the components which are going to use it in the future,
 - and try to perform a draft integration.