Quiz

Our most important requirements

Goal

- Define our common high-level requirements that we wish to collaborate on.

Thank you for your effort !!!

Solange Delageniere & Dominique Porte & Stefan Schulze, CS/MIS

Results

- All 12 institutes participated

- Many common requirements identified

- Everyone is **ready to collaborate** on his/her requirements up to the local specificities and safety issues

- Many of us differentiate between container and content (collaboration difficult)

- For some of us collaboration is only feasible in a **mid- to long-term** perspective

- Presentation in order of a typical proposal workflow (NOT in order of frequency)

Detailed Results

Requirement	How often
User and affiliation mgt. with unique identities - common database	10
Online proposal submission - and beamtime allocation - neutron & photon together	10
Remote proposal submission - common format - check submission elsewhere - European experiment DB	6
Peer review process support - online and meeting support	9
Experiment scheduling - also by users - BAG administration	9

Detailed Results (2)

Requirement	How often
User access and travel management - badge, keys, guest house, hotel, travel (reimbursement)	8

Safety management
  - trainings
  - declarations, classification
	8

Sample description and tracking
  - samples/substances DB
  - environment definition
  - European experiment DB
	5

Publications tracking
  - ISI, SCOPUS, PubMed, RIS and Keynote integration
  - incl. "grey" literature
	11

Experimental report submission	2

Detailed Results (3)

Requirement	How often
Reporting and statistics - export functionality - user, beamline and publication data - EU reporting	7
Data and metadata management	2
General user information - proposal/experiment status - news - surveys / satisfaction polls	3
Event (conferences & workshops) management	3
Data transfer interfaces to external systems (e.g. ERP)	1

Detailed Results (4)

Requirement	How often
Central contact and hotline	1
Banking and financial information … to survive the crisis ☺	1

Non-functional Requirements

- Modular, extensible, simple and flexible (5 times)
- Clean separation between general and site specific requirements
- Fine grained authorization across facilities
- Excellent performance and high availability
- Workflow engine
- Common look & feel
- Data safety

Next steps

- Many common topics to collaborate
  - Publications tracking (11)
  - Common user database (10)
  - Proposal submission (10)
  - Proposal workflow (9)
  - Reporting and statistics (7)
  - Remote proposals (6)
  - …

- Where do we start?
- Common development … or same look and feel … or …?
- One system … or modular toolbox … or …?
- How do we proceed?