

Minutes of the DUO II Meeting

16.11.2009 2 p.m. – 17.11.2009 1 p.m., DESY Hamburg

Participants:

FRM II, Garching	Babette Oberholz, Harald Wenninger
JCNS, Jülich	Thomas Gutberlet
HZB, Berlin	Alexandra Kastner, Olga Khoroch, Patrick Laux
LLB, Saclay	Alain Menelle, Gaston Exil
PSI, Villigen	Markus Knecht, Daniel Lauk
DESY, Hamburg	Marcus Dramburg, Jan-Peter Kurz, Ulrike Lindemann, Denis Thiessen

Minutes: Jan-Peter Kurz, Ulrike Lindemann

The agenda and the slides of the given talks can be found at
<https://indico.desy.de/conferenceDisplay.py?confId=2449>.

Alain Menelle: Proposal Submission at LLB

See the slides at
<https://indico.desy.de/materialDisplay.py?contribId=1&materialId=slides&confId=2449>.

LLB is currently testing DUO and they plan to use the new DUO.

Markus Knecht: Current state of DUO

See the slides at
<https://indico.desy.de/materialDisplay.py?contribId=2&materialId=slides&confId=2449>.

Babette Oberholz: The new Duo

See the slides at
<https://indico.desy.de/materialDisplay.py?contribId=3&materialId=slides&confId=2449>.

- Interface Security uses rules of *QuickForm*.
- Flow for now only implemented for FRM II.
- To discuss: saltLabel
- To discuss: Interface Fileupload
- Only central configuration outside the package
- A student is working on an installation manual.

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- http/security package should be part of the business application and not of the core.
- dataDatabase: DataProvider works as an interface to the database. DataProvider gets the data as an array. XML is used for configuration of the database.
- Compare functions are implemented for searching with different data types.
- Propose to realise the workflow with tasks, f.e. "create proposal" would be a task.
- Ask to rename CoreFactory. No, Core is prefix.
- Specification of File Handling
 - Upload and Download Function
 - File types needed: bitmap graphics, vector graphics (svg), pdf
 - Tools to check for correct images: ImageMagick (proposed by A. Kastner), libsvg
 - Checks needed for PDF files (at least): correct PDF, file size, number of pages, page format, virus check (optional)
 - Tools used for PDF check: pdflib (PSI, DESY), library with costs (<http://www.pdflib.com>, ghostscript (FRM II))
 - Additional suggestion of M. Dramburg: iText (<http://www.lowagie.com/itext/>). A PHP/Java bridge has to be used <http://php-java-bridge.sourceforge.net/pjb/>
 - File class: different ways to store files (DB, file system)
 - Realisation: one class per file type
 - No search option for searching inside uploaded files needed
 - Download: obscured link
- Module Mail will be developed, after FileHandling is finished
- Page rendering with *Smarty*

Example

- For getting started no changes in basicInit.inc needed
- Session_name should part of basicInit.inc
- FRM II: every user is a database user
other cases: database profile
idea: flag resp. db mechanism in basicInit.inc!
- \$GLOBALS for core classes should be used before autoload
- \$GLOBALS will be integrated in the debug function

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- Workflow: index.php → TaskInterface → TaskObject → Dataprovider → RenderObject (components as Smarty Widgets) → construction of page
- B. Oberholz will skip *QuickForm*.

Next meeting

The next meeting will take place at the FRM II in Garching on March 1st and 2nd 2010. One topic will be a decision on the licensing model. This will be prepared by email (D. Lauk has meanwhile sent a first email with a summary of licensing options.)

The talk of A. Kastner on *Generating forms using dataprovider and PEAR-classes* will be given there.

Daniel Lauk: The Unified User Umbrella and its Implications on Proposal Management Systems

See the slides at

<https://indico.desy.de/materialDisplay.py?contribId=6&materialId=slides&confId=2449>

A. Kastner is working on a mockup.