



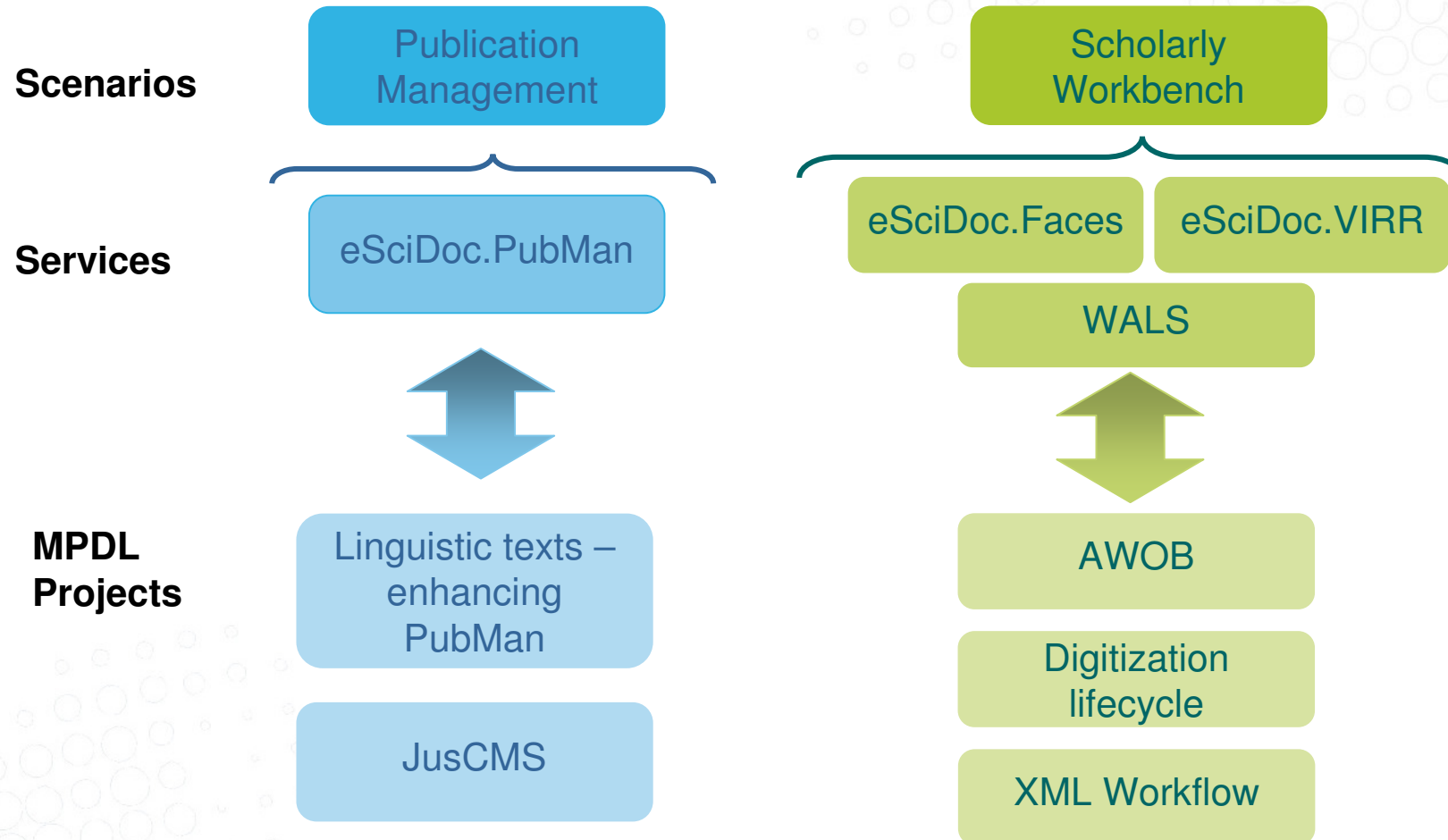
MPDL eResearch Development and Services –

Service Management
Goethe Institut Japan - Study Tour German Libraries

Nov 27th, 2009

Ulla Tschida

Scenarios to be addressed



Many Services – one Infrastructure

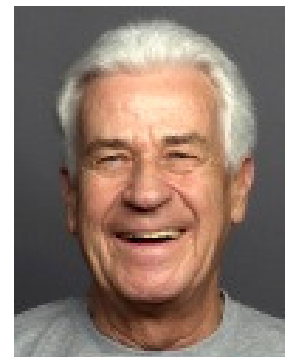
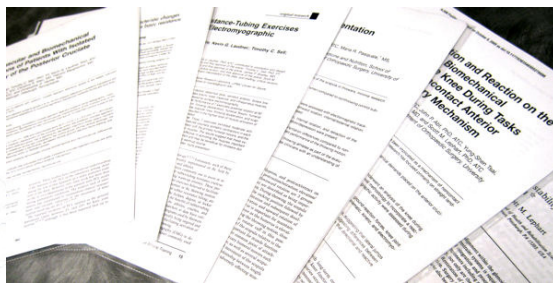
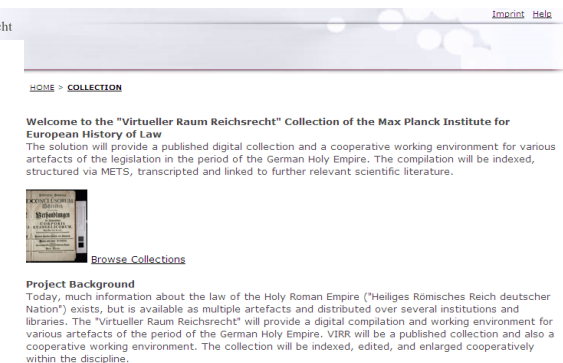
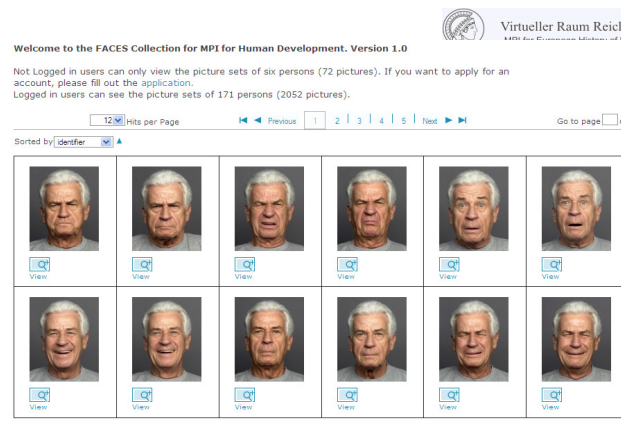
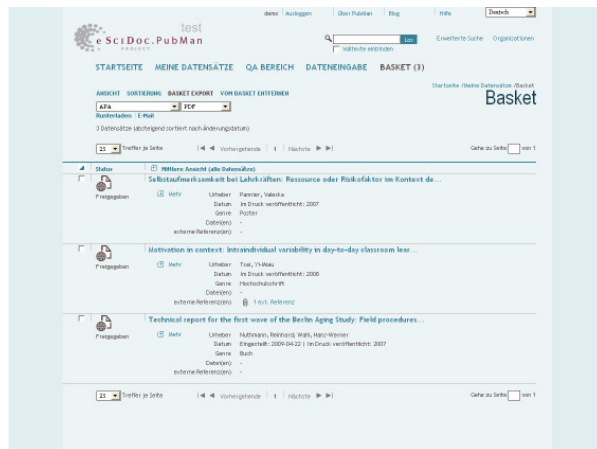
Publication Management

Scholarly Workbench

Solution PubMan

Solution Faces

Solution ViRR



“Publications”

“Images”

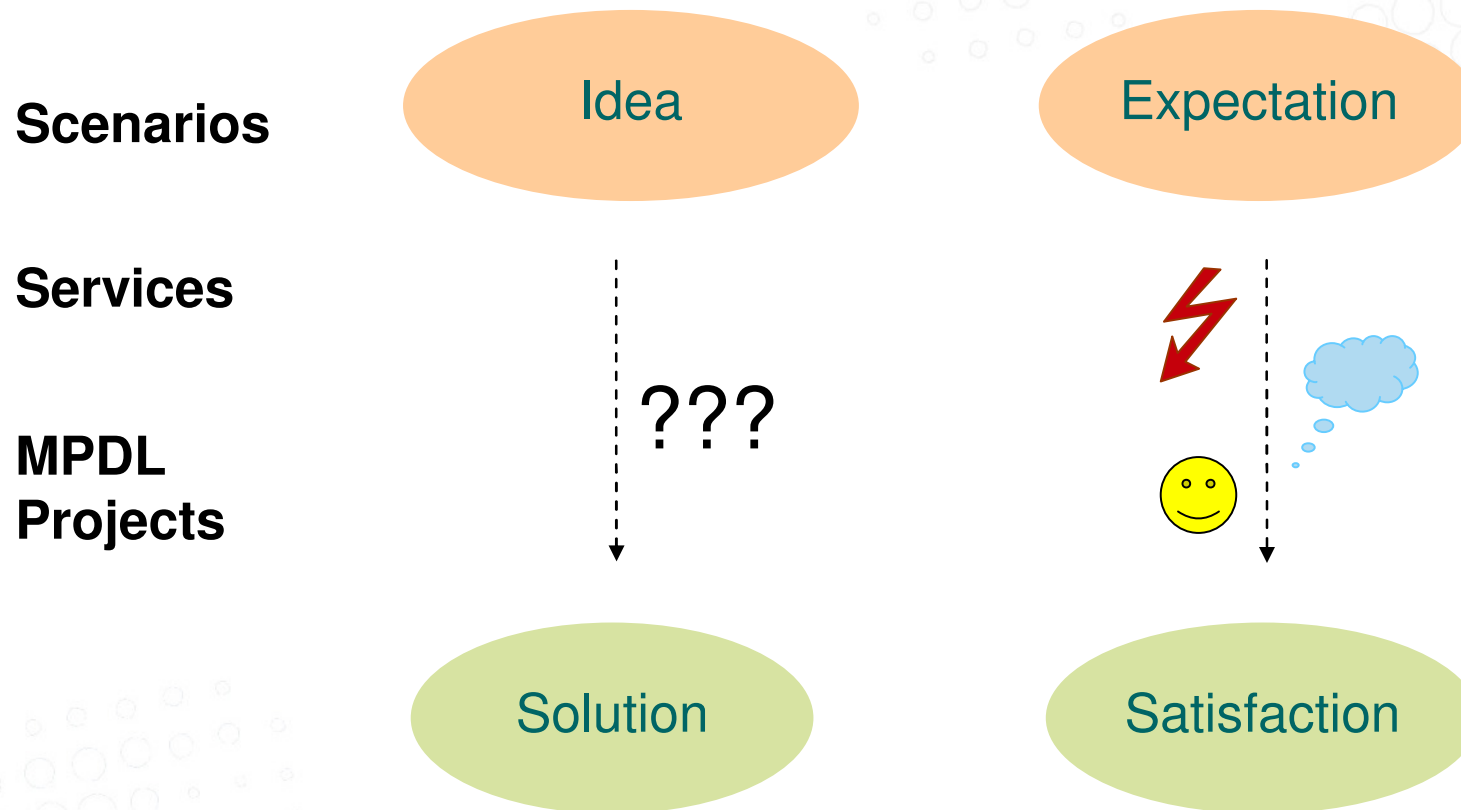
“Digitized Text and Image”



How to shape? Dimensions and Measures

- Strategic goals
 - MPS boards (steering committee) and MPDL divisions
 - Projects
- Users
 - What do they need and why?
 - Where do they start from?
 - What are their priorities? Chances for compromise?
 - How to address conflicting interests for features?
- -> Internal coordination
 - Are we on time? Do we concentrate on the right things?
 - Where can we improve efficiency?
 - Where do we have communication gaps?
 - Where do we have to extend competence?
 - How do we address changing priorities?

The Role of Service Management



Understanding the domain and the user concerns



Our Tasks

- Develop domain knowledge
- Translate ideas and expectations into specification
- Coordinate necessary activities
- Support end-users during development and production
- Set-up and maintain user communities



Translation of Ideas into Specifications

Creating Initial Artifacts

Preparations

- Narrative explanations
(**Scenarios**)
- Develop awareness about domain standards in parallel
- Get Overview on relevant tools

Details

- Formalized Specifications
(**Use Cases**)
- Functional Mappings
- Investigate on API's and formats

While ensuring user involvement

Functional Specification

[\[edit\]](#)

This specification describes how the yearbook of the MPS will be handled as long as eDoc is still used for the creation of the yearbook, while the rest is handled within PubMan. The idea is, that eDoc should only be used to release the data exported from PubMan for the yearbook of the MPS.

UC_PM_YB_01 Create yearbook container in PubMan

[\[edit\]](#)

In PubMan a container (folder) per each institute has to be created by the development team manually. In such a container all data which has to be gathered for the MPS yearbook should be collected.

Status / Schedule

[\[edit\]](#)

Status: in specification

Schedule: R 6.1 (February 2010)

Actors

[\[edit\]](#)

- Development Team

Pre-Conditions

[\[edit\]](#)

- institute collects/maintains all their metadata and publications in PubMan
- eDoc is just used for the creation of the MPS yearbook

Flow of Events

[\[edit\]](#)

- the respective institute informs the PubMan support team about the need of the yearbook container in PubMan
- support team begs dev team to create the yearbook container for the MPI XY
- dev team creates the recommended yearbook container manually
 - a container only holds the links to items
 - containers will have metadata in the responsible institutes (OU) via the context

Post-Conditions / Results

[\[edit\]](#)

- yearbook container is available on PubMan for the respective institute

Future Development

[\[edit\]](#)

- local administrator of institute is able to create their yearbook container in PubMan self-contained?

UC_PM_YB_02 Add PubMan items to yearbook container

[\[edit\]](#)

The moderator of the institute chooses the respective items for the MPS yearbook container in PubMan.

Status / Schedule

[\[edit\]](#)

Status: in specification

Schedule: R 6.1 (February 2010)

Actors

[\[edit\]](#)

- Moderator

Pre-Conditions

[\[edit\]](#)

- yearbook container for the institute's data has to be created by the dev team beforehand -> see [UC_PB_YB_01](#)



Participation

Aim

- Keep development close to researcher needs

- Find local “multipliers” at institute

Target Groups

- MPS institutes (scientists, Library, IT)

Involvement

- Shaping release plans according to needs (Early Adopters)

- Testing, feedback, evaluations (features, GUI)

- First productive users

Organisation/Tools

- Early Adopters/Partners (vital interest, commitment institute)

- Pilot group (fast followers, library know-how)

- Regular workshops, Usability interviews

- CoLaboratory (wiki-based) <http://colab.mpdl.mpg.de/>

- Blogs eg. <http://pubman.blogs.mpdl.mpg.de/>

- Mailinglists



Knowledge gain

page discussion edit history delete move protect watch

Metadata Encoding and Transmission Standard

(Redirected from METS)

"The METS schema is a standard for encoding descriptive, administrative, and structural metadata regarding objects within a digital library, expressed using the XML schema language of the World Wide Web Consortium. The standard is maintained in the Network Development and MARC Standards Office of the Library of Congress, and is being developed as an initiative of the Digital Library Federation."^[1]

"METS is intended to provide a standardized XML format for transmission of complex digital library objects between systems".^[2] One METS file corresponds to one digital object (i.e. one digitized work) and provides separate sections for descriptive metadata, administrative metadata, structural metadata, files and behaviors. The structural parts are directly defined by the METS standard, while the other sections incorporate "extension schemas", e.g. MARC/Dublin Core for descriptive metadata or MIX for technical metadata. METS is very powerful for grouping together various digital items into one research object, e.g. to combine scans and TEI transcription of one work.

METS is highly flexible and allows multiple representations of the same digital object. In particular, METS does not restrict the usage of metadata schemas (it only defines a set of supported schemas = "extension schemas") and the structural maps can be organized in multiple ways. Therefore, the standard itself does not provide interoperability. METS profiles may reduce this problem to a certain extend.

METS structure

[edit]

An example METS xml is available from the Fedora homepage^[3] and a METS structure diagram is provided as well^[4]

Header (*metsHdr*)

[edit]

Information about the METS document itself, e.g. various time stamps and the institutions and/or individuals (*agent*) involved in creating the package:

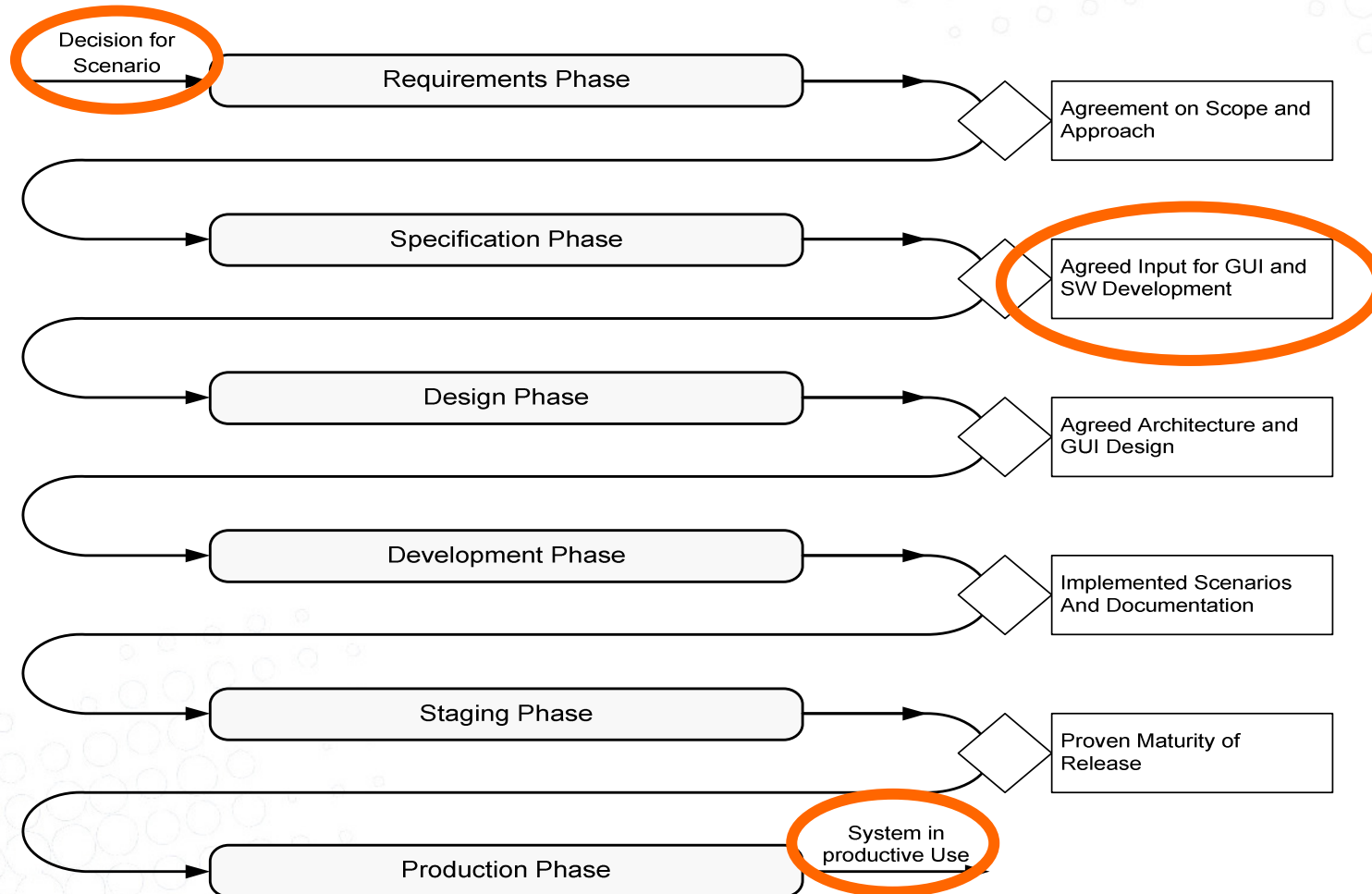
```
<METS:metsHdr ID="BOOK1" CREATEDATE="2007-05-20T06:32:00" LASTMODDATE="2007-05-22T06:32:00" RECORDSTATUS="A">
  <METS:agent>ROLE="CREATOR" TYPE="ORGANIZATION">
    <METS:name>Max Planck Institute for History of European Law</METS:name>
  </METS:agent>
</METS:metsHdr>
```

Contents [hide]

- 1 METS structure
 - 1.1 Header (*metsHdr*)
 - 1.2 Descriptive Metadata (*dmdSec*)
 - 1.3 Administrative Metadata (*amdSec*)
 - 1.4 File List (*fileSec*)
 - 1.5 Structural Map (*structMap*)
 - 1.6 Structural Link (*structLink*)
 - 1.7 Behaviors
- 2 Tools for METS generation
- 3 METS profiles
- 4 References
 - 4.1 METS examples
 - 4.2 Further documents



A Process Skeleton to Identify Responsibilities





Must

- CONE Entry Manager**
- CONE Dupl. Check**
- CONE AUTHORIZ (user priv)**
- CONE Visibility of Data**
- CONE - PACS**
- CONE - ISO 639 -**
- Local Admins**
- NIMS - CONE Authoriz. Feb/10**
- Admin Solution - Concept For Local ad Nov/09**
- EXPORT FORMATS - Plain HTML**
- 305 CMS - MD Extensions**
- Carbook - BASIC - FEB/10 KW7**
- Copy n Paste ad. Affiliations**
- OU-Selectio - Revision**
- Duplicates - Identification**
- AA-Shib. Scenario-Concept incl. PW-Management**
- Collaboration - Scenario Implementation**
- 305 - Contents Test System & Communication**
- Sharing / Revision of styles**
- Duplicates - Handling**
- Light & assigned collection - Spec - FEB/10**
- ROAD MAP**
- PID integration on live**
- MD**
- US - Upgrade FEB/10**
- must Bugs**
- SEO - Optimization (Google)**
- NIMS - Statistic Integ. 10/09**
- ADMIN SEARCH**
- ZEN - Storage - DEC/09**
- ZEN - MAPPING - Migration scry - NOV/09**
- Word Press (Plugin/Hosting) FEB/10**
- Citation Style - Yearbook/NP5**
- 2FN - INGEST - LIVE JAN/10**
- 2FN - Geo Metadata - Specification - FEB/10**
- Core Service 1.2**

Should

- OA Counter**
- NIMS - Rollback item version**
- User preferences**
 - GUI settings
 - Banked
 - Save Search
- 305 CMS - Scenario SSRN**
- Request Blo**
- Word Press**
- 305 CMS - Workflow Extending**
- EMBARGO-MANAGEMENT**
- SWORI - Extensio. Client side**
- BATCH OPERATIONS**
 - submit - delete
 - release - Log
- Sub/sup**
 - Submission, Display, Export, Search
- Submission**
 - Revise mandatory fields (Concept)
- 305 CMS - Scenario SSRN**
- Reform Extensio**
- History of MR**
 - Revision of Search and Display
- Extension of Browsing Criteria (browse by...)**
- Extension - server side**
- QA Workspace**
 - Filter extensions
- UPPING >S**
- Submission**
 - Revise mandatory fields (Concept)
- AA-ALL Solutions**
- IMPLEMENTATION**
 - Request privileges
- TAG Cloud**
- "Request a Copy"**
- Citation Style**
 - Revision APZ
- Should Bugs**



Planning tool JIRA – keep track of detailed tasks ...

Select: [Open Issues](#) [Road Map](#) [Change Log](#) [Popular Issues](#) [Subversion Commits](#)

Road Map

- [View personal road map](#)
- Scope: next 3 versions | [all versions](#)

R3.8 ([Release Notes](#))

Progress: 46 of 46 issues have been resolved

	AS-296 FIXED	Design UC PM SM 09 validate item		
	AS-425 FIXED	Check revised design for searching and modify in case needed		
	AS-537 FIXED	Test migration of data from currently used build 1.0.beta3 build 297 to pre-release 1.0.beta4 build 306		
	AS-468 FIXED	Definition/re-definition of mappings eDoc - PubMan		
	AS-473 FIXED	Finalize open questions for migration		
	AS-467 FIXED	Specification bibtex Export		
	AS-539 FIXED	Define and implement test cases for search component		
	AS-102 FIXED	Revise Architectural Blueprint		
	AS-194 WON'T FIX	Matrix Actions/Roles/Constraints		
	AS-523 FIXED	Define requirements for Shibboleth		
	AS-511 FIXED	Input for mapping and open questions for migration		
	AS-534 FIXED	Item views should enable multiple-lines with scrolling (view All) possibility for longer fields such as Toc, Abstract etc.		
	AS-516 FIXED	Run the transformation to item.xml + fulltexts		

- [User Workload Report](#)
- [Version Workload Report](#)
- [Time Tracking Report](#)
- [Single Level Group By Report](#)
- [Multiple Level Group By Report](#)

Preset Filters

- [All](#)
- [Outstanding](#)
- [Unscheduled](#)
- [Assigned to me](#)
- [Reported by me](#)
- [Resolved recently](#)
- [Added recently](#)
- [Updated recently](#)
- [Most important](#)

Project Summary

	Closed	11		2%
	Not Started	57		12%
	Started	20		4%
	On Hold	15		3%
	Ready	58		12%
	Completed	320		6%
	Suggested For Rejection	3		1%
	Rejected	9		2%

Open Issues

By Priority

	Blocker	4		4%
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... and overview on projects

Key	Components	Fix Version/s	Summary	Status	REQ	SPEC	GUI	DES	CSS	IMP	STA	PROD	Pr	WorkflowActions
MP-11	PubMan	R3	Browse&Display	Started	Green	Green	Yellow	Red	Red	Red	Red	Red	Down Arrow	SetStatus Complete activity Put on hold
MP-16	PubMan	R3	Context (Collection) Administration	Started	Green	Yellow	Red	Red	Red	Red	Red	Red	Down Arrow	SetStatus Complete activity Put on hold
MP-18	PubMan	R3	Controlled Vocabulary Service (Journal names)	Started	Green	Yellow	Red	Yellow	Red	Yellow	Red	Red	Down Arrow	SetStatus Complete activity Put on hold
MP-8	PubMan	R3	Easy Submission	Started	Green	Yellow	Yellow	Red	Red	Red	Red	Red	Down Arrow	SetStatus Complete activity Put on hold
MP-13	PubMan	R3	Export	Started	Green	Yellow	Yellow	Yellow	Red	Yellow	Red	Red	Down Arrow	SetStatus Complete activity Put on hold
MP-10	PubMan	R3	Feeding local webpages - phase 1	Started	Green	Yellow	Red	Yellow	Red	Red	Red	Red	Down Arrow	SetStatus Complete activity Put on hold
MP-14	PubMan	R3	Organisational unit management	Started	Green	Yellow	Yellow	Yellow	Red	Red	Red	Red	Down Arrow	SetStatus Complete activity Put on hold
MP-32	PubMan	R3	Prototype Citation service	Started	Red	Red	Yellow	Yellow	Red	Yellow	Red	Red	Down Arrow	SetStatus Complete activity



Questions?

