The historical newspaper, and their cooperation with the Jagellonian University of Krakow

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Agenda

1. E-Journals in UrMEL
2. Digitization
3. Software
4. Pamiętnik Literacki
5. Roadmap
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Journals@UrMEL – What is it about?

- Main section of University Digital Multimedia Library of University of Jena (UrMEL)

- Publication of E-Journals (In cooperation with publishers)
  *For example*: ZfBB

- Publication together with Scientists and Research Instituts
  *For example*: Max-Planck Institut

- Provision of digitalized historical Journals (conservation of stock, enhanced accessability)
  *For example*: JALZ, ALZ, Pamietnik Literacki, etc.

- Provision and long term preservation
  *For example*: Annals of Physics
Journals@UrMEL - Advantages

- Simplify access to research relevant journals
- International access via Internet
- Enhanced possibilities for accessing (no lending, way of retrieval, plain user interfaces)
- Indexing depends on project requirements and partly broken down on article level
- Preservation digitalization of old material
How does it look like
Agenda

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5. Roadmap
Digitization

- Own department with 14 full time and 10 part time employees
- Image scanner:
  - 1 x A0
  - 6 x A2
  - 10 x A4 book scanner
- About 2000 image scans a day
- Technical settings depend on project
- Image scans will be post processed to increase quality (print space, eliminate disturbance)
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Journals@UrMEL is based on MyCoRe:

✓ Software to build up digital libraries and archives
✓ Development team from several universities of Germany
✓ FSU-Jena holds a leading position in development

✓ My-own, local application, Core- or more general "Content Repositories“ based on Java

✓ Data base independent

✓ Main goals
  - Adaptivity
  - Extensibility
  - Open Interfaces

✓ Open-Source license under the GNU (General Public License)
  http://www.mycore.de/
WEB Search Interface

- Request
- Choose
- Layout

Java Servlets: User Interface

Data storage layer

- XML for:
  - Configuration
  - Import
  - Export
  - Storage
  - Layout
  - Interfaces

Persistence layer

MyCoRe Code

- Interfaces to
  - PICA, (OAI, Z39.50)
  - Library portals (IPORT..),
  - Databases, Central
  - systems (ZDB, EZB...)

Digitale Library of Thuringia

- University@UrMEL
- Ilmedia Ilmenau
- Target Erfurt

Journals@UrMEL

Collections@UrMEL

Relational Data base
E.g. DB2

Text indexing data base
Lucene
Technical design parameters:

- Open-Source-Application based on MyCoRe
- Able to support different independent tenants
- Scalability
- Easy integration of new E-Journals
- Individual layouts
- Multi-lingual
- Interfaces to library systems by using common standards (XML, OAI, Webservices, etc.)
- Web Content Management Module to maintain static webpage content without programming skills
- Format independent files
Data model

Journal

Volume(s)

Articles

Persons

Institutions

Digital item(s)
Workflow

Digitization → Define editors, groups, rights → Setup E-Journal

Detailed indexing of meta data by a library workgroup → Index journal by using classifications → Create TOC, upload scans

Upload article image scans → Registration in important library data bases

Publishing Online
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Pamiętnik Literacki

- Cooperation between Jagiellonian University Krakow and Friedrich Schiller University Jena
- Win-Win project
- Historic important journal with big research interest
- Digitization by Jagiellonian University
- Short title entry by FSU-Jena
- Upload of image scans by FSU-Jena
- Afterwards full title entry by Krakow
- Set up of own URL intended
- Translation of webpages to Polish, by exchange trainees from Krakow in Jena
Pamiętnik Literacki

How does it look and work in real?
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Roadmap

• From a technical point of view, Journals@UrMEL will be enhanced in research features and usability

• From the scientific and research point of view further projects and cooperations are intended

• Journal@UrMEL-Software is free for installation and usage under the license of GNU (General Public License)