Coli-conc : Mapping Library Knowledge Organization Systems

International UDC Seminar 2017
14-15 September in London, UK

U. Balakrishnan
Verbundzentrale des GBV
Germany
Aim

Build an infrastructure that facilitates computer-assisted intellectual mapping and serves as a platform for collaboration of KOS experts
Objectives

- Accelerate the intellectual mapping process between library KOS with a focus on major universal classification systems, such as the BC, DDC, RVK and UDC
- Facilitate the use and exchange of library KOS and their mappings
- Provide a uniform and an easy access to the KOS and mappings
- Create a platform to store and manage mappings
- Improve the quality of the existing mappings by implementing quality measures
- Ease subject indexing and enhance information retrieval
Coli-conc Features & Services

Demands on the Tool:

- Multi-user web-based open source tool
- Compilation and integration of data from different sources
- At-a-glance view of all relevant data
- Validation and storage of data
Coli-conc Features & Services

Technologies:
- Java
- Jersey Bundle
- Web Servers: Apache Tomcat V 7.0 or higher
- Framework JavaServer Faces (JSF)
- Javascript
- PHP
  - Application Servers (Java 2 Platform, Enterprise Edition)
- IDE: eclipse
- Database Servers: Mongodb v 3.2.1
- User Interface: Primafaces v 5.0
- Server Request Forms: XHTML
- RESTful Webservice Module
Thank you!

http://coli-conc.gbv.de