



MPDL Metadata Handling

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MPDL Development Activities

- Development of tools and services for scholars
 - with different purposes (e.g. publishing, management, collaboration, sharing, preservation, etc.)
 - different domains (e.g. Max Planck Society Sections: Chemistry, Physics and Technology, the Biology and Medicine, and the Human Sciences)
 - Metadata for different types of resources (e.g. publications, images, TEI formatted linguistic texts, digital scans)



Metadata handling

- Definition, documentation and formalization
 - informal description of requirements
 - metadata profiles (according to Singapore Framework), schemas (e.g. XML Schema, DSP)
- Publishing of metadata profiles and schemas
 - Profiles and schemas are public available via persistent URL
 - e.g. PubMan Profiles: <http:purl.org/escidoc/metadata/profiles/>
- Sharing and Reuse metadata profiles across tools and services
- Maintenance – updates and versioning

Needs of metadata handling

- Definition and documentation of metadata profiles
 - Quick creation and maintenance of many metadata profiles
 - Metadata definition in a formal and standardized way (e.g. according to Singapore Framework)
 - Versioning of metadata profiles

- Publishing of metadata profiles
 - Make metadata profiles public and long term available



Needs of metadata handling

- Sharing and Reuse of metadata profiles
 - Discovery of related metadata profiles and vocabulary terms
 - metadata profiles and vocabularies registry
 - Shape metadata profiles with community feedback

- Maintenance of metadata profiles
 - Tools for handling metadata profile versions
 - Tools enabled for working with various metadata profile versions at the same time



Summary

We need ...

- ...quick, standardized and agile handling of metadata profiles
- ...share metadata profiles and vocabularies with the community
- ...get feedback from the community



eScience Seminar

Concept Registries and Semantic Interoperability

Date: 22/23 October 2009

Location: GWDG Göttingen, Germany

Website: http://escience.mpg.de/thema093_en.html

mail: [mpg-escience\[at\]mpdl.mpg.de](mailto:mpg-escience[at]mpdl.mpg.de)



References

- Max Planck Digital Library (MPDL): <http://mpdl.mpg.de>
- eResearch infrastructure development at eSciDoc project: <http://escidoc-project.org>
- Collaborative projects with MPDL: DARIAH, PEER and more: http://www.mpdl.mpg.de/main/projects_en.htm
- MPS eScience Seminars 2009: http://escience.mpg.de/thema093_en.html



Thank You!

