

# Report on DC-Tools Workshop

Göttingen, Germany, 2005-03-02

The workshop was embedded into the Cashmere-Int workshop ([www.iwi-iuk.org/cashmere/workshop](http://www.iwi-iuk.org/cashmere/workshop)).

Focus of the workshop, was the revision of available services, tools, and functionalities. Also a brainstorming on the revision of the workgroups focus and agenda was one of the essentials of the workshop.

The project Cashmere-Int has the goal to increase the knowledge transmission between developers and researchers in institutions and industry on the one hand and the international standardization on the other hand. Cashmere-Int is restricted to the fields of semantic web development for digital libraries and preservation of the digital heritage.

Presentations were given about the following activities:

- Usage of Web Service technology to publish functions and functionalities from programs, services, and libraries.
- Tools and Techniques for encoding RDF In HTML and XHTML (e.g. using the SVG and base64 encoding).
- URIQA draft for metadata extension of the HTTP standard and prototype implementation into Apache server.
- Parsers for RDF
- DC Registry
- DC Checker, to check semantic completeness and correctness of metadata transferred by OAI-PMH.

The brainstorming on the agenda resulted into:

- The atomic level of objects of interest should be shifted from the tools and services level to the much smaller functions, functionalities, and library level.
- Platform independent development, collection, and provision of algorithms in the open source using open standards (focus on digital library development).
- Group should support developers of tools and services by offering an overview and interface to existing techniques.
- Build an open collection and knowledge base for application metadata profiles, algorithms, tools etc. with the goal, to ease and fasten the development of tools and services using standardized metadata concepts.
- Organize workshops and offer a forum for discussing developments for tool generation.
- Agree on a common licence for the collected and provided software and knowledge.

As next steps, it was agreed, to present a revision of the working group agenda to all interested parties at the Madrid meeting. To come up with use cases for the development of the web services framework to be developed and presented in Madrid.