

DL.org Digital Library Interoperability, Best Practices and Modelling Foundations - A common Journey to new Frontiers

"DL.org has brought together the leaders in this space, particularly in Europe and in the U.S., but also from Asia and South Africa. Launching the conversation at places like this is incredibly important for people to interact together. This is by far the most comprehensive attempt yet to capture the whole space for DL research and development that needs to be done. I think it will become "the" forum for considering that".

Ronald Larsen, University of Pittsburgh
on 1st DL.org Workshop, 1 October 2009 during ECDL2009



Digital Library interoperability is a complex, multi-layered and context-specific concept that encompasses different layers along a multi-dimensional spectrum ranging from organisational to technological aspects. The European project, DL.org, is the first initiative to address interoperability from the perspectives of the six core concepts characterising a Digital Library: content, functionality, user, policy, quality and architecture. To achieve its goals, DL.org harnesses the expertise that exists on a global level in six thematic working groups, one for each concept, a Liaison Group and an External Advisory Board. By serving these goals, DL.org is paving the way for the embedding of new research achievements into real-world systems, opening up new cross-domain research perspectives and supporting the advancement of the European Information Space for the knowledge-based economy.

Key Outputs

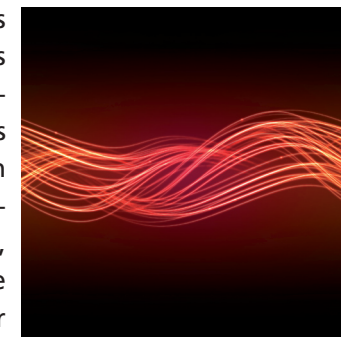
DL.org's key outputs focus on strengthening the modelling foundations of the field and identifying requirements, solutions and future challenges for achieving DL interoperability by targeting diverse players in the Digital Library Space.

Digital Library Reference Model

This artefact introduces the principles governing the Digital Library realm as well as the set of concepts and relationships that collectively capture the intrinsic nature of the various entities characterising it. It is informed by the experience and knowledge gained by experts from the Digital Library Community in recent years with new inputs leading to a first enhanced version in January 2010 with a final version due this autumn. It includes the Digital Library Manifesto, i.e. the motivations and views leading to a foundational theory for Digital Libraries, a shorter version of which has also been published.

Digital Library Technology and Methodology Cookbook

The Cookbook is an innovative artefact that collects and describes a portfolio of best practices, patterns and solutions to common issues faced when developing large-scale interoperable Digital Library Systems (DLSs). It proposes an interoperability model that can be used to characterise – in a systematic way – facets of interoperability challenges, as well as existing, forthcoming solutions and approaches so as to have a framework to select and assess them. A Request for Comment version will be available in late summer 2010. The final version will be informed by feedback from the Digital Library community and published in late 2010.



DL.org Workshop - Making Digital Libraries Interoperable: Challenges & Approaches, 9-10 September 2010 during ECDL2010, Glasgow, Scotland, UK

The 2nd DL.org Workshop spotlights the challenging area of Digital Library interoperability from the perspectives of conceptualisation at high organisational level to instantiation at process level, as well as modelling techniques for representing and enabling interoperability between heterogeneous digital library mediation approaches, methods, and systems.

The Workshop features talks that are based on a Call for Papers evaluated by an International Programme Committee:

A Framework for Digital Library Function Description, Publication, and Discovery: A prerequisite for interoperable digital libraries

Quality interoperability within digital libraries: The DL.org Perspective

Modeling User and Context in Digital Libraries: Interoperability Issues

The gCube Interoperability Framework

Handling Repository-Related Interoperability Issues: the SONEX Workgroup

Epidemiology Experiment and Simulation Management through Schema-Based Digital Libraries

Interoperability Patterns in Digital Library Systems Federations

The Pre-proceedings, agenda and fliers will be distributed during the Workshop. This material and multimedia content is also available electronically via our 2nd DL.org Workshop – Virtual Goody Pack: www.dlorg.eu – Workshops – 2nd DL.org Workshop and will be enriched during and after the Workshop.



DL.org Networking Session, Wednesday 29 September 2010, ICT2010, Brussels, Belgium

The DL.org Networking Session, entitled Global Information Systems for Science and Cultural Heritage: The Interoperability Challenge, will share insights into technical, organisational and policy-related challenges that need addressing to open up new research and collaborative opportunities. The Session brings to the table experts with a proven track-record in dealing with interoperability to spotlight top-level priorities and key resources for domains spanning digital



libraries, cultural heritage and eScience and offer a springboard for a fruitful interactive discussion. The Session is co-hosted with two other European projects, DC-Net and GRDI2020.

Full details www.dlorg.eu – Workshops – ICT2010

DL.org Autumn School, 3-8 October 2010, Athens, Greece

Digital Libraries and Digital Repositories: Modelling, Best Practices & Interoperability

A dedicated flier on the Autumn School focus, programme and value-add is available at ECDL2010 and can also be downloaded at <http://www.dlorg.eu/index.php/autumn-school>.

Join our Community

Our community brings together Digital Library experts, professionals and initiatives from across Europe, as well as Australia, India, Singapore and the U.S. Join our growing community and receive regular insights into DL.org by subscribing to our eNewsletter at info@dlorg.eu or from the home page.

