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

"Since around 1991 the digital library field has emerged, so now there are thousands of papers in the field, and thousands of digital librarians. However, we face many challenges in making our systems interoperable, and in helping our users develop a clear model of what services they provide. While there are online resources to help people keep up with all this, i.e., to support teaching and learning about digital libraries (e.g., http://en.wikiversity.org/wiki/Curriculum_on_Digital_Libraries), it is helpful to attend focused events like the DL.org Autumn School to gain a perspective on the field and to find answers to important questions."

Edward Fox, Professor of Computer Science, Virginia Tech, U:S.

DL.org Innovative Approach

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 in the digital age.

www.dlorg.eu
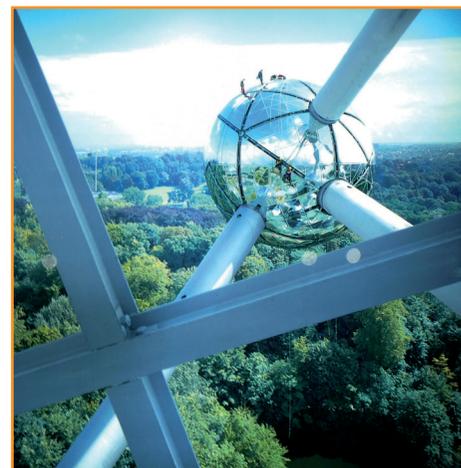
Key Outputs

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

The DL.org Reference Model introduces the principles governing the Digital Library realm and captures the core concepts that collectively characterise a Digital Library. It includes the Digital Library Manifesto leading to a foundational theory for Digital Libraries. The Reference Model stems from DELOS, a European Network of Excellence and the experience and knowledge gained by the international Digital Library Community. An enhanced version Software Developers

Digital Library Technology and Methodology Cookbook

The Cookbook is an innovative portfolio of best practices and pattern solutions to common issues faced when developing large-scale interoperable Digital Library systems. The Cookbook proposes an interoperability model that can be used to systematically characterise diverse facets linked to the interoperability challenge, as well as existing and forthcoming solutions and approaches. It thus offers a framework to assess and select these solutions. A Request for Comment version of the Cookbook is available until end November 2010. An enhanced version, informed by Digital Library Community feedback will be published thereafter.

Autumn School Testimonies

"The Autumn School was very helpful in understanding matters related to the implementation of a digital library, especially interoperability."

Library Manager

"The wide view of DLs and requirements discussed for interoperability is my DL.org Autumn School take-home message."

Librarian

"Perfect organization, good lecturers, interesting topics, and team working exercises are the best things about the Autumn School. I take away some best practices about DLs and interoperability."

"I really liked the extensive presentation of all Digital Libraries aspects. I take back with me new know-how on the DL.org Reference Model and the Cookbook."

Software Developers

"Useful theoretical as well as practical references to promote some Digital Libraries ideas for future projects in the Organisation is what I am take back with me."

Technology Developer

"For me the main take-away is new knowledge on conceptualisation and generalisation of DL model, as well as interoperability guidelines."

Project Manager

Join our Community & Get regular Insights from our Experts!

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.

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