“Digital Library and Open Access. Interoperability strategies”

**Introduction**

Prof. Seamus Ross, Faculty of Information, University of Toronto

London, 4 February 2011
Outline

✓ Project information & motivations
✓ Main project outcomes
✓ The 6 Thematic Working Groups

✓ Today’s programme

✓ Some questions and plugs
DL.org

Coordination Action on Digital Library Interoperability, Best Practices and Modelling Foundations

DL.org Consortium

- CNR-ISTI (coordinator, Italy)
- NKUA (Greece)
- HATII (United Kingdom)
- Trust-IT (United Kingdom)
Motivations

• In many (challenging) domains DL applications requires **resource sharing**
• Exploitation of shared resources requires **interoperability**
• Interoperability is a **complex multidimensional issue**
• Many projects deal with the same interoperability issues but **solutions are not shared**
• Lack of DL **modeling foundations**
Main Outcomes

• Consolidated and Enhanced **DL Reference Model**
• DL.org **Checklist**
• Digital Library Technology & Methodology **Cookbook** with interoperability techniques, standards and approaches
• Wide **network of stakeholders** working on the research/development of European-wide DLs
• **Workshops & Training** events
The six Thematic Working Groups [Content, User, Functionality, Policy, Quality, Architecture]

45 members

- Leading technical experts representatives of key on-going projects and initiatives
- Researchers in the specific domain
Today’s programme
“Digital Library and Open Access.
Interoperability strategies”

- **09:30 – 10:00** The DL.org Reference Model (Vittore Casarosa)
- **10:00 – 10:30** Interoperability best practices and solutions: the DL.org Cookbook (Leonardo Candela)
- **10:30 – 11:00** The Policy & Quality Interoperability Surveys. Lessons learned from the OAR community (Giuseppina Vullo)
- **11:00 – 11:30** Coffee break
- **11:30 – 12:00** Data Libraries: A matter of trust, reliability, quality (Hans Pfeiffenberger)
- **12:00 – 12:30** The Sonex Workgroup on Interoperability, (Pablo De Castro)
- **12:30 – 13:45** Lunch
Today’s programme
“Digital Library and Open Access. Interoperability strategies”

- **13:45 – 14:15** Open Repositories and interoperability challenges in UK (Peter Burnhill)
- **14:15 – 14:45** The "many ways" to interoperability. Outcomes and challenges within DRIVER and OpenAIRE (Wolfram Horstmann)
- **14:45 – 15:15** Future scenarios on Open Access (Heather Joseph)
- **15:15 – 15:45** Coffee Break
- **15:45 – 16:45** Round Table. Common strategies for interoperability
- **16:45 – 17:00** Conclusions and Future Opportunities
... but what is interoperability?

- Is it a representation problem?
- Is it a semantic problem?
- Is it a process problem?
- Is it possibility to define generic interoperability objectives?
- Can we create transformation services to enable interoperability across time?
Thank you