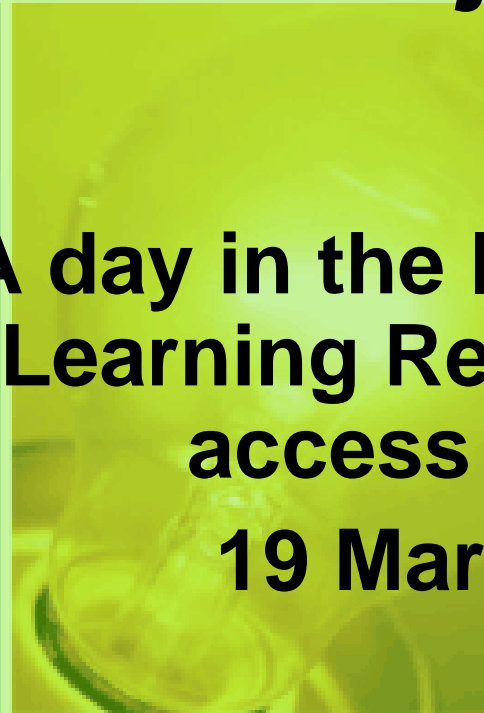


Metadata and Learning Objects



**A day in the life of a Digital
Learning Resource: from
access to reuse**

19 March 2009

The Hidden Sleuth - Metadata



- “data about data”
- corsetry of the digital world?
- identifies, describes, locates, maintains, displays
- Primary e.g.s - Dublin Core Metadata Element Set –
15 descriptive data elements ; Learning Object
Metadata - 70 elements

Types of metadata

- Resource discovery/descriptive



- Administrative/Technical

- Structural

- Preservation

Selection of mark-up languages

Constantly evolving developments

- SGML
- HTML
- XML
- XHTML
- SVG



DC Information Categories

Content	Intellectual Property	Instantiation
Title	Creator	Date
Subject	Publisher	Type
Description	Contributor	Format
Source	Rights	Identifier
Language		
Relation		
Coverage		

Dublin Core Element Sets

- Dublin Core Metadata Element Set, Version 1.1: Reference Description
- <http://dublincore.org/documents/dces/>

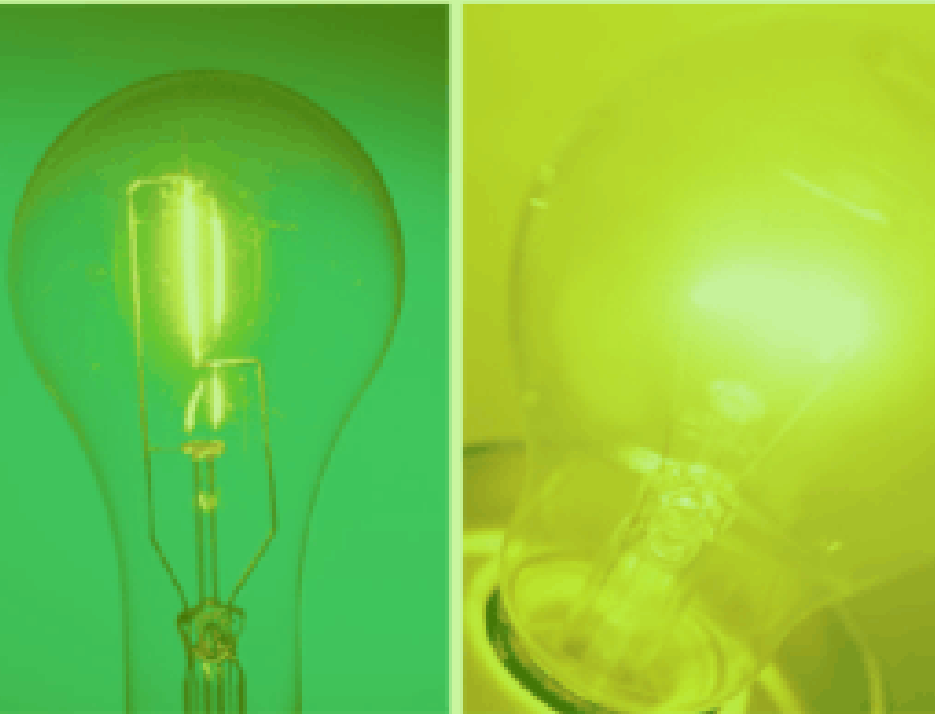


DCMI Education Metadata Set

- <http://www.schemas-forum.org/registry/schemas/DCMI-Education/>
- DCMI Application Profile
- <http://www.schemas-forum.org/registry/schemas/DCMI-Education/dced-ap>

IEEE LOM Categories

**General
Lifecycle
Meta-metadata
Technical
Educational
Rights
Relation
Annotation
Classification**



Getting along with each other

- Application profiles
- Crosswalks
- SCORM
- Interoperability



Using Metadata

- **Learning Object Repositories**
- **ReLOAD**
- **Moodle**

