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

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<tr>
<th>Content</th>
<th>Intellectual Property</th>
<th>Instantiation</th>
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<td>Date</td>
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<td>Coverage</td>
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Digital Learning Resources Conference, 19 March 2009
Dublin Core Element Sets

- Dublin Core Metadata Element Set, Version 1.1: Reference Description
DCMI Education Metadata Set

- DCMI Application Profile
IEEE LOM Categories

General
Lifecycle
Meta-metadat
Technical
Educational
Rights
Relation
Annotation
Classification
Getting along with each other

• Application profiles
• Crosswalks
• SCORM
• Interoperability
Using Metadata

- Learning Object Repositories
- ReLOAD
- Moodle