Metadata Made Simple

LMS² seminar
1 February 2006

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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

<table>
<thead>
<tr>
<th>Content</th>
<th>Intellectual Property</th>
<th>Instantiation</th>
</tr>
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<tr>
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<td>Creator</td>
<td>Date</td>
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<tr>
<td>Subject</td>
<td>Publisher</td>
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<tr>
<td>Source</td>
<td>Rights</td>
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<td>Coverage</td>
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<td>LMS2 - 1 February 2006</td>
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</tbody>
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[Postcard]. Maoris cooking, Whakarewarewa, N.Z. [1908].

Ephemera, Photolithograph 87 x 139 mm, Horizontal
Ephem-POSTCARD-Stephens-01, Alexander Turnbull Library

Shows group of Maori women sitting beside hot pools. One is standing to lower a kete into the pool at left.; Inscriptions: Verso - centre - [Letter from M.G. to Tom Stephens of petons, date-stamped 1908].

Created by
Wilson, R Lois ff 1890 [as the donor/ lendervendor]; Stephens, May ff 1906-1915 (as the previous owner).

Subjects
What: Postcards; Women, Maori; Maori - Food; Hot springs; Postcards, Ephemera; When: 1908; Where: Whakarewarewa;

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URL for this page: http://discover.natlib.govt.nz/viewobject(REP003DB/2196)
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Contributors: Wilson, R Lois fl 1990 (as the donor/lender/vendor)

Contributors: Stephens, May fl 1906-1915 (as the previous owner)
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-metadata
Technical
Educational
Rights
Relation
Annotation
Classification

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Metadata schemes and educational resources

• The GEM (Gateway to Educational Material) Element Set
• IMS (Instructional Management Systems) Meta-data Specification
• IEEE Learning Technology Standards Committee (LTSC) Learning Object Metadata (LOM)
• EUN European School Net metadata scheme
• EdNA (Education Network Australia) metadata scheme
Getting along with each other

- Application profiles
- Crosswalks
- SCORM
- Interoperability
Te Kete Ipurangi

The repository

The metadata record
| 001  | 20050715091159.0 |
| 005  | 001 0 eng       |
| 020  | 0714842230 (hbk.) |
| 010  | 08488130       |
| 025  | AAI-6037       |
| 099  | 770.92 GOL     |
| 100  | Goldin, Nan, d1953- |
| 245  | The devil's playground. |
| 300  | 503 p. : col. ill.; 31 cm. |
| 504  | Includes bibliographical references (p. [500]) and index. |
| 600  | Goldin, Nan, d1953- |
| 650  | Photography, Artistic. |
| 650  | Portrait photography. |
| 650  | Photography of the nude. |
| 650  | Photography, Erotic. |
| 700  | Jenkinson, John. |
Using Metadata

• Learning Object Repositories
• OSLOR Project
• ReLOAD
• Moodle
Metadata for everyone

Will metadata become as ubiquitous as McDonalds, will the big M come to mean something quite different?