Mini-Lecture Series: Metadata Examples

Defining & characterizing metadata
- Data about data
- Metadata = Catalog record
- Description of an information object/resource
- Structured data
- Elements that represent (i.e., describe and characterize) information objects
  - bibliographic data about a book
  - description of web information object
- One person’s data is another’s metadata
  - data --> metadata --> data

Different types and attributes of metadata
- Descriptive metadata: refers to the attributes of the object being described
- Structural metadata: refers to the structure and relationships of a set of digital objects (pages, chapters, index, bibliography, etc.)
- Administrative metadata: information on managing and administering information resources (rights, file type, technical information, etc.)
- Preservation metadata: refers to elements related to the preservation management of an information resource.

Lots of descriptive metadata schemes
- Dublin Core
  - A primary metadata scheme for resource description and resource discovery
- Government Information Locator Service (GILS)
  - Describes government information resources
- Content Standards for Digital Geospatial Metadata (CSDGM)
- Encoded Archival Description (EAD)
- Metadata Object Description Schema (MODS)
- Online Information Exchange (ONIX)
- Text-Encoding Initiative (TEI)
- vCard Electronic Business Card (VCARD)
  - Defines a common electronic business card form

vCard example
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Denton
TX
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Additional Information:
Last Name Moen
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Version 2.1

vCard source
begin:vcard
n:Moen;William E.
tel;fax:940-565-3101
email;internet:wemoen@unt.edu
tel;home:940-566-4646
tel;work:940-565-3563
url:http://www.unt.edu/wmoen
adr;quoted-printable:
;P.O. Box 311068=0D=0AAvenue C and Chestnut St., ISB 205=0D=0A
Denton;TX;76302-1068;USA
title:Assistant Professor
version:2.1
end:vcard

Metadata elements label pieces information that represent an object
Mini-Lecture Series:
Metadata Examples

Dublin Core Metadata Element Set

- Title
- Creator
- Subject
- Description
- Publisher
- Contributors
- Date
- Type
- Format
- Identifier
- Source
- Language
- Relation
- Coverage
- Rights

- Can be qualified – Creator.Author, Creator.Illustrator

Dublin Core metadata example

- Title: The Nordic metadata project
- Creator: Hakala, Juha
- Subject: Dublin Core Metadata Element Set
- Subject: metadata
- Subject: Scandinavia
- Publisher: Helsinki University Library
- Contributor: Koch, Traugott
- Date: 1998-06-25
- Type: Text.Monograph
- Format: text/html
- Identifier: http://linnea.helsinki.fi/meta/nmfinal.htm
- Language: en
- Rights: Public domain

Other standards of interest

- Metadata Encoding and Transmission Standard (METS)
- Open Archival Information System (OAIS)
- Multimedia Content Description (MPEG) standards (MPEG-7, MPEG-21, etc.)
- Open Archives Initiative (OAI)
- Learning Object Metadata Standard (LOMS)

Other metadata schemes

- Gateway to Educational Materials – [http://www.thegateway.org/about/documentation/medialatelements/](http://www.thegateway.org/about/documentation/medialatelements/)
- Government Information Locator Service – [http://www.gils.net/prof_v2.html#annex_e](http://www.gils.net/prof_v2.html#annex_e)

Applications using metadata

- Digital repositories
  - Portal to Texas History – [http://texashistory.unt.edu/](http://texashistory.unt.edu/)
  - Metadata Education and Research Information Commons – [http://meric.lis.unt.edu/](http://meric.lis.unt.edu/)

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