

Annie M Wrigg
SLIS 5223
Spring 2005

Introduction

This paper outlines my experience of creating metadata records using Electronic Resource Citation, hereafter identified as ERC, and the Dublin Core, hereafter identified as DC, schemes. Each scheme attempts to connect a user with desired materials. However each scheme uses a slightly different tactic.

This paper provides five ERC records and five DC records. Following the records is a discussion of my experience with these schemes. The paper concludes with a summary of topics and ideas covered in this paper.

Electronic Resource Citation (ERC)

Record 1

who: Brand, Amy | Daly, Frank | Meyers, Barbara
what: Metadata Demystified: A Guide for Publishers
when: 200307
where: http://www.niso.org/standards/resources/Metadata_Demystified.pdf

Record 2

who: Canadian Heritage Information Networked (CHIN)
what: Metadata Standards for Museum Cataloguing
when: 20020427
where: http://www.chin.gc.ca/English/Standards/metadata_description.html

Record 3

who: Hillman, Diane
what: Using Dublin Core
when: 20030826
where: http://www.chin.gc.ca/English/Standards/metadata_description.html

who/about: (:unap)
what/about: metadata | Dublin Core | HTML | RDF | XML
when/about: (:unap)
where/about: online data

Record 4

who: van den Brink, Linda
what: XML Software [Website]
when: 20050205
where: <http://www.xmlsoftware.com/>

Record 5

who: Caplan, Priscilla
what: International Metadata Initiatives: Lessons in Bibliographic Control
when: 20010123
where: http://www.loc.gov/catdir/bibcontrol/caplan_paper.html

Dublin Core (DC)

Record 1

```
<META NAME="DC.Title" LANG="en" CONTENT="International Metadata Initiatives:
Lessons in Bibliographic Control">
<META NAME="DC.Creator" LANG="en" CONTENT="Caplan, Priscilla">
<META NAME="DC.Subject" LANG="en" CONTENT="Metadata Scheme">
<META NAME="DC.Subject" LANG="en" CONTENT="Text Encoding Initiative (TEI) ">
<META NAME="DC.Subject" LANG="en" CONTENT="Encoded Archival Description
(EAD)">
<META NAME="DC.Subject" LANG="en" CONTENT="Dublin Core Metadata Element Set
(DCMES)">
<META NAME="DC.Subject" LANG="en" CONTENT="Visual Resources Association (VRA)
Core">
<META NAME="DC.Subject" LANG="en" CONTENT="Interoperability of Data in E-
Commerec Systems (INDECS)">
<META NAME="DC.Description" LANG="en" CONTENT="This paper looks at a subset of
these metadata schemes in more detail: the TEI header, EAD, DCMES, and VRA Core.
Evaluates why they developed, major points of difference from traditional cataloging, and
advantages they offer to their user communities. Includes a look at emerging schemes. ">
<META NAME="DC.Publisher" LANG="en" CONTENT="Library of Congress<META
NAME="DC.Type" LANG="en" CONTENT="text">
<META NAME="DC.Format" LANG="en" CONTENT="text/html">
<META NAME="DC.Identifier" LANG="en"
CONTENT="http://www.loc.gov/catdir/bibcontrol/caplan_paper.html">
<META NAME="DC.Language" LANG="en" CONTENT="en">
<META NAME="DC.Date" LANG="en" CONTENT="2001-01-23">
```

Record 2

```

<META NAME="DC.Title" LANG="en" CONTENT=" Metadata Demystified: A Guide for
Publishers">
<META NAME="DC.Creator" LANG="en" CONTENT="Brand, Amy">
<META NAME="DC.Creator" LANG="en" CONTENT="Daly, Frank">
<META NAME="DC.Creator" LANG="en" CONTENT="Meyers, Barbara">
<META NAME="DC.Subject" LANG="en" CONTENT="Metadata">
<META NAME="DC.Subject" LANG="en" CONTENT="XML">
<META NAME="DC.Subject" LANG="en" CONTENT="ONIX">
<META NAME="DC.Description" LANG="en" CONTENT="Overview of evolving metadata
conventions in publishing and how initiatives designed to standardize how metadata is structured
and disseminated online. Guide offers insight into how book and journal publishers can
streamline various metadata-based operations and create leverage for added exposure through
digital media. ">
<META NAME="DC.Publisher" LANG="en" CONTENT="The Sheridan Press">
<META NAME="DC.Publisher" LANG="en" CONTENT="NISO Press">
<META NAME="DC.Date" LANG="en" CONTENT="2003-07">
<META NAME="DC.Type" LANG="en" CONTENT="text">
<META NAME="DC.Format" LANG="en" CONTENT="text/pdf">
<META NAME="DC.Identifier" LANG="en" CONTENT="ISBN: 1880124599"><META
NAME="DC.Identifier" LANG="en"
CONTENT="http://www.niso.org/standards/resources/Metadata_Demystified.pdf">
<META NAME="DC.Language" LANG="en" CONTENT="en">

```

Record 3

```

<META NAME="DC.Title" LANG="en" CONTENT="Metadata Standards for Museum
Cataloguing">
<META NAME="DC.Creator" LANG="en" CONTENT="Canadian Heritage Information
Networked (CHIN)">
<META NAME="DC.Subject" LANG="en" CONTENT="Metadata Standards">
<META NAME="DC.Subject" LANG="en" CONTENT="Encoding Metadata">
<META NAME="DC.Subject" LANG="en" CONTENT="Data Models">
<META NAME="DC.Subject" LANG="en" CONTENT="Research Support Libraries
Programme (RSLP)">
<META NAME="DC.Description" LANG="en" CONTENT="Provides links to variety of
standards used for description of specific types of museum collections (for example, artworks,
architectural drawings, etc.). Certain standards are used to assist with the description of
collections at a general level (e.g. RSLP Standard); others are meant to describe specific objects
within collections (e.g. CDWA).">
<META NAME="DC.Date" LANG="en" CONTENT="2002-04-27">
<META NAME="DC.Type" LANG="en" CONTENT="text">
<META NAME="DC.Format" LANG="en" CONTENT="text/html">
<META NAME="DC.Identifier" LANG="en"
CONTENT="http://www.chin.gc.ca/English/Standards/metadata_description.html">
<META NAME="DC.Language" LANG="en" CONTENT="en">

```

Record 4

```

<META NAME="DC.Title" LANG="en" CONTENT="Using Dublin Core">
<META NAME="DC.Creator" LANG="en" CONTENT="Hillmann, Diane">
<META NAME="DC.Subject" LANG="en" CONTENT="Metadata">
<META NAME="DC.Subject" LANG="en" CONTENT="Dublin Core">
<META NAME="DC.Subject" LANG="en" CONTENT="HTML">
<META NAME="DC.Subject" LANG="en" CONTENT="XML">
<META NAME="DC.Subject" LANG="en" CONTENT="Elements">
<META NAME="DC.Subject" LANG="en" CONTENT="Dublin Core Qualifiers">
<META NAME="DC.Subject" LANG="en" CONTENT="Dublin Core Useguide">
<META NAME="DC.Description" LANG="en" CONTENT="This document is intended as an
entry point for users of Dublin Core. For non-specialists, it will assist them in creating simple
descriptive records for information resources (for example, electronic documents). Specialists
may find the document a useful point of reference to the documentation of Dublin Core, as it
changes and grows.">
<META NAME="DC.Publisher" LANG="en" CONTENT="DCMI">
<META NAME="DC.Date" LANG="en" CONTENT="2003-08-26">
<META NAME="DC.Type" LANG="en" CONTENT="text">
<META NAME="DC.Format" LANG="en" CONTENT="text/html">
<META NAME="DC.Identifier" LANG="en"
CONTENT="http://dublincore.org/documents/2003/08/26/usageguide/">
<META NAME="DC.Language" LANG="en" CONTENT="en">
<META NAME="DC.Relation" LANG="en" CONTENT="IsVersionOf
http://dublincore.org/documents/2001/04/12/usageguide/">
<META NAME="DC.Rights" LANG="en" CONTENT="en">

```

Record5

```

<META NAME="DC.Title" LANG="en" CONTENT="XML Software ">
<META NAME="DC.Creator" LANG="en" CONTENT="van den Brink, Linda">
<META NAME="DC.Subject" LANG="en" CONTENT="XML">
<META NAME="DC.Subject" LANG="en" CONTENT="PsychoPath">
<META NAME="DC.Subject" LANG="en" CONTENT="XSL Tools">
<META NAME="DC.Description" LANG="en" CONTENT="Site used to keep users up-to-
date on new information and sources developed for use with XML and XSL. Includes links to
management and other helpful tools.">
<META NAME="DC.Publisher" LANG="en" CONTENT="van den Brink, Linda">
<META NAME="DC.Date" LANG="en" CONTENT="20050211">
<META NAME="DC.Type" LANG="en" CONTENT="text">
<META NAME="DC.Format" LANG="en" CONTENT="text/html">
<META NAME="DC.Identifier" LANG="en"
CONTENT="http://www.xmlsoftware.com/index.html">
<META NAME="DC.Language" LANG="en" CONTENT="en">

```

Discussion

This assignment provided many challenges for me. The main challenge was that it seemed too easy. I reread articles hoping for a more defined direction or at the very least a solid example. I started with the Dublin Core records first. After I completed all the DC records, I started completed the Electronic Resource Citation records.

At first I thought the DC records would be the hardest to create. While at times I was confused about what data went with each element, for example creator vs. publisher, eventually I understood the straightforward entry of data. Dublin Core allowed me to enter data in a logical order, and allowing for repeat entries, i.e. multiple authors or subjects. However, I felt that the records were too easy to create. Many times I would stop creating the records because it seemed too easy. I would then reread the articles and start creating records again.

While DC records and entries seemed straight forward, I still struggled with the lack of structured input rules. Creator in Dublin Core seemed as if it could be anything. Deciphering elements became much easier once I located *Using the Dublin Core – The Elements*. This article provided great descriptions of the elements as well as examples. Without this article, completing this assignment would have been impossible.

Even with the assistance of the discussion boards and articles I still second guessed myself every step of the way. There wasn't any minimum requirement for data in DC records. This was especially frustrating. I never knew what I should include or exclude. Finally I decided to think like the user and hope for the best. I included all information that I would look for if I were searching for this information.

In the Dublin Core scheme, there were three to four elements that I couldn't find the information to put into those elements. I understand the purpose of coverage, rights, relation, and source; however I rarely was able to find information to input into those areas.

Only one source gave me issues form both schemes. The XML website created problems for locating the anchoring story in ERC, and nearly impossible to fill in many of the areas in DC.

After the challenge of locating all the different types of information for the DC records, I figured the ERC records had to be easier. ERC at least had a minimum requirement of information. This made the records really, really easy to create. However because they were so easy to create, I felt they lacked most of the information I would commonly search. The additional stories again were easy to create, however the lack of input rules frustrated me slightly. I never clearly understood what information was ok to leave out or what information was critical.

Both schemes mentioned that we should use “controlled vocabulary.” My first instinct was to use the Library of Congress Subject Headings list, but then I realized two things. First I realized I had had little knowledge of the list, and secondly doubted the users would commonly search by those terms. The importance of a controlled vocabulary separates good metadata from great metadata; however, I am not sure what list I should use for the controlled vocabulary.

Summary

This assignment opened my eyes to how information can be put online and in other electronic formats. I also learned how challenging trying to “catalog” the Internet could be. This has been a humbling experience. I feel I have a better understanding of metadata especially when working with the Dublin Core and the Electronic Resource Citation schemes. I also know that I have a lot more to learn.