

Chapter 2 - Section 1. Metadata for general purposes

Dublin Core Exercises

DC creation tool to be used:

Online:

- DC-Dot's Dublin Core metadata editor <http://www.ukoln.ac.uk/metadata/dcdot/>

Note:

1. Submit any Web page's URL and get a suggested metadata record in XHTML format. Then use the template to edit the record. Records must be manually edited.
2. Use a semi-colon (;) for multiple values, e.g., multiple subject terms; Use two pipe lines (||) for repeating elements, e.g., two statements about format.

Offline: Download DC template ([WORD file](#))

If you use an XML editor: download the XML Schemas

<http://dublincore.org/schemas/xmls/>

- dc (15 elements):
<http://dublincore.org/schemas/xmls/qdc/2008/02/11/dc.xsd>
- dcterms:
<http://dublincore.org/schemas/xmls/qdc/2008/02/11/dcterms.xsd>

Best Practices:

- Using Dublin Core - The Elements
<http://dublincore.org/documents/usageguide/elements.shtml>
- Dublin Core Assistant
<http://www.ukoln.ac.uk/metadata/dcassist/>

Exercises:

1.1 Create a DC record for a single-file journal article:

- Gregory Crane. Georeferencing in Historical Collections. *D-Lib Magazine*, May 2004, Volume 10 Number 5. URL:<http://www.dlib.org/dlib/may04/crane/05crane.html>

1.2 Create a DC record for a multi-file online tutorial:

- *Moving Theory into Practice: Digital Imaging Tutorial*. Prepared by Cornell University Library/ Research Department
<http://www.library.cornell.edu/preservation/tutorial/contents.html>

1.3 Create collection level DC records for:

1. D-Lib Magazine.
Note: Please treat the whole magazine, not a particular issue.
URLs: <http://www.dlib.org/> and <http://www.dlib.org/about.html>
2. Xpeditions website <http://www.nationalgeographic.com/xpeditions/>
3. Explore Mars Now
<http://www.exploremarsnow.org>

1.4 Create a DC record for a dynamic content Web site that provides dynamic information on the screen based on the search or browse queries:

- National Geographic--Expeditions--Lessons
<http://www.nationalgeographic.com/xpeditions/lessons/01/gk2/marsmobiles.html>
- The Expeditions Atlas:
<http://www.nationalgeographic.com/xpeditions/atlas/>

1.5 Create a DC record for a Web page that contains multiple contributors:

- The Math Forum: Ask Dr. Math.
<http://mathforum.org/library/drmath/view/56672.html>

Standard vocabularies and rules for appropriate values that will be used in the records of this exercise.

- DCMI Type Vocabulary
<http://dublincore.org/documents/dcmi-type-vocabulary/>
- [MIME] Internet Media Types
<http://www.iana.org/assignments/media-types/>
- ISO 639. Code for the representation of the names of languages.
639-1: Two-character language codes (136 languages only.)
<http://www.oasis-open.org/cover/iso639a.html>
639-2: Alpha-3 code (including the languages covered in 639-1 and many others)
<http://www.loc.gov/standards/iso639-2/langhome.html>
- ISO 3166 - Codes for the representation of names of countries.
<http://www.oasis-open.org/cover/country3166.html>