

HOME EXERCISES

## Metadata for general purposes

### Dublin Core Exercises and Sources

A **star\*** = newly updated or added

Printer friendly  
version (PDF)

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DC creation tool to be used:

Online:

- Template for creating a simple DC record  
<http://metadataetc.org/dctemplate.html>
  - The finished record can be viewed in various formats such as HTML, XML, RDF/XML, and Turtle.
- **[No longer function]** *DC-Dot's Dublin Core metadata editor*  
<http://www.ukoln.ac.uk/metadata/dcdot/>

Offline: Download DC template (PDF 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/dc.xsd>

- dcterms:  
<http://dublincore.org/schemas/xmls/qdc/dcterms.xsd>

#### Best Practices and guidelines:

- User Guide [http://wiki.dublincore.org/index.php/User\\_Guide](http://wiki.dublincore.org/index.php/User_Guide)
  - User Guide/Creating Metadata [http://wiki.dublincore.org/index.php/User\\_Guide/Creating\\_Metadata](http://wiki.dublincore.org/index.php/User_Guide/Creating_Metadata)
  - User Guide/Publishing Metadata  
[http://wiki.dublincore.org/index.php/User\\_Guide/Publishing\\_Metadata](http://wiki.dublincore.org/index.php/User_Guide/Publishing_Metadata)
- Guidelines for Dublin Core Application Profiles
  - <http://dublincore.org/documents/profile-guidelines/>
- Using Dublin Core - The Elements (till 2005)  
<http://dublincore.org/documents/usageguide/elements.shtml>
- Syntax guidelines
  - DC-TEXT
  - DC-HTML
  - DC-XML
  - DC-RDF

#### 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://education.nationalgeographic.org/?xpop=1>

### 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--Teaching Resources -- Lessons  
<https://www.nationalgeographic.org/lesson/>
- \*National Geographic--Teaching Resources -- Maps  
<https://www.nationalgeographic.org/map/>

## 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/#H7>
- [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>

#### DC documents

- XML schemas  
<http://dublincore.org/schemas/xmls/>
- RDF representations: RDFa, RDF/XML and Turtle  
<http://dublincore.org/schemas/rdfs/>
- DCMI Namespace Policy [DCMI Recommendation]. This document describes how metadata terms are assigned URIs by DCMI and the policies governing changes to the documented meanings associated with those URIs.
- The Dublin Core Metadata Registry [DCMI Recommended Resource].
- Dublin Core Metadata Element Set [DCMES, *dc*]. This document

excerpts from DCMI Metadata Terms, the 15 elements of the classic "Dublin Core", which has been standardized as:

- ISO Standard 15836:2009
- ANSI/NISO Standard Z39.85-2012
  
- DCMI Metadata Terms [*dcterms* or *dcf*]
  - <http://dublincore.org/documents/dcmi-terms/>
  
- DCMI Abstract Model
  - <http://dublincore.org/documents/abstract-model/>

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