

## Addendum DARE use of Dublin Core 2.0

|                  |  |
|------------------|--|
| dc:title         | Addendum to DARE use of Dublin Core 2.0  |
| dc:creator       | Peter van Huisstede, Johannes Nicolai, Hans Scholte, Martin Slabbertje, Mirella van der Velde  |
| dc:subject       | Use of elements dc:identifier, dc:relation and dc:source   |
| dc:description   | Addendum to the guidelines for the use of DC within the DARE programme. Additional information about identifier, relation and source |
| dc:publisher     | Stichting SURF   |
| dc:date          | 2006-07-11   |
| dc:date.modified | 2006-11-03   |
| dc:type          | Internal report  |
| dc:language      | en   |
| dc:rights        | © Stichting SURF   |

This addendum replaces the existing guidelines for the use of elements dc:identifier, dc:relation and dc:source, as described in DARE use of Dublin Core 2.0.

### **dc:identifier**

dc:identifier is self-referential in the sense that with this element the resource references (instances of) itself (jump-off-page or object) using A URI. We hold dc:relation to refer from one resource to another.

### **dc:source**

Use dc:source for a bibliographic citation of the resource (recommended, dumbed down from dcterms:bibliographicCitation) and optionally metadata about the current location and call number (signatuur) of the digitized publication can be added.

### **dc:relation**

dc:relation is only used to ensure the explicit grouping of related resources by way of this element (version). To do this, information should be mapped from dcterms:isVersionOf. The element should provide an URI. Consequence is that no other refinements of the element Relation are mapped to Simple DC Relation. In order to maintain other refinements of Relation for future use, it is recommended that qualified Dublin Core is used and sent to KB. In dcterms:isVersionOf, always relate to an earlier version. So when you are describing version 3 of an object, in Relation you always refer to Version 2.

**Simple DC: oai\_dc**

| Basic element | Status | Authority                                      | Mapped from                     |
|---------------|--------|--|---------------------------------|
| Title         | M      | None   | -                               |
| Creator       | M      | DAI number list when applicable                | -                               |
| Date          | M      | ISO 8601 W3C-DTF                               | "date.created" or "date.issued" |
| Type          | M      | Use the Metis types with additional DCMI types | -                               |
| Identifier    | M      | URI  | -                               |
| Rights        | M      | None   | -                               |
| Subject       | MA     | None   | -                               |
| Description   | MA     | None   | "description.abstract"          |
| Publisher     | MA     | None   | -                               |
| Format        | R      | IANA list of MIME types                        | -                               |
| Language      | R      | ISO 639-1                                      | -                               |
| Relation      | R      | URI  | "relation.isVersionOf"          |
| Contributor   | O      | None   | -                               |
| Coverage      | O      | None   | -                               |
| Audience      | O      | None   | -                               |
| Source        | R      | None   | "bibliographicCitation"         |

**Qualified DC: dare\_qdc**

| Basic element | Status | Authority | Maps to    | Refinement            |
|---------------|--------|-----------|------------|-----------------------|
| Identifier    | M      | URI       | -          |                       |
| Identifier    | R      | None      | "source"   | bibliographicCitation |
| Relation      | R      | URI       | -          |                       |
| Relation      | R      | URI       | "relation" | isVersionOf           |
| Relation      | R      | URI       | -          | isReplacedBy          |
| Relation      | R      | URI       | -          | replaces              |
| Relation      | R      | URI       | -          | isRequiredBy          |
| Relation      | R      | URI       | -          | requires              |
| Relation      | R      | URI       | -          | isPartOf              |
| Relation      | R      | URI       | -          | hasPart               |
| Relation      | R      | URI       | -          | isReferencedBy        |
| Relation      | R      | URI       | -          | references            |
| Relation      | R      | URI       | -          | isFormatOf            |
| Relation      | R      | URI       | -          | hasFormat             |
| Relation      | R      | URI       | -          | conformsTo            |
| Source        | R      | None      | -          |                       |

## *Identifier*

|                            |   |
|----------------------------|---|
| <b>Element name</b>        | Identifier  |
| <b>DCMI definition</b>     | An unambiguous reference to the resource within a given context.  |
| <b>DCMI comment</b>        | Recommended best practice is to identify the resource by means of a string or number conforming to a formal identification system. Example formal identification systems include the Uniform Resource Identifier (URI) (including the Uniform Resource Locator (URL)), the Digital Object Identifier (DOI) and the International Standard Book Number (ISBN). |
| <b>Usage</b>               | Mandatory   |
| <b>User instruction</b>    | dc:identifier is self-referential in the sense that with this element the resource references (instances of) itself (jump-off-page or object) using A URI. We hold dc:relation to refer from one resource to another.   |
| <b>Do not confuse with</b> | dc:source and dc:relation   |
| <b>Refinements</b>         | bibliographicCitation (Recommended)   |
| <b>Examples</b>            | <dc:identifier>http://library.wur.nl/gewas/1675383.pdf</dc:identifier><br>><br><dc:identifier>http://hdl.handle.net/1887/605</dc:identifier><br><dcterms:bibliographicCitation>Nature, 362, 827-829<br>(1993)</dcterms:bibliographicCitation>   |
| <b>Scheme</b>              | -   |
| <b>Further information</b> |   |

## *Example of a Dublin Core Description of a journal article*

The article has been published in paper form in 1990 and the digital form was produced in 2005. Dc:source contains a bibliographic citation to the original and dc:identifier contains the URI to the digital version.

| Property     | Encoding Scheme  | Value  |
|--------------|------------------|--|
| dc:title     |                  | Studying E-Journal User Behavior Using Log Files |
| dc:creator   |                  | Yu, L.   |
| dc:creator   |                  | Apps, A.   |
| dc:subject   | dcterms:DDC      | 020  |
| dc:subject   | dcterms:LCC      | Z671   |
| dc:publisher |                  | Elsevier   |
| dc:type      | dcterms:DCMIType | Text   |
| Dc:date      | dcterms:W3CDTF   | 2005-07-26                                       |

|                      |             |   |
|----------------------|-------------|---|
| <b>Dc:relation</b>   | dcterms:URI | urn: ISSN:0740-8188   |
| <b>Dc:identifier</b> |             | <a href="http://hdl.handle.net/1887/605">http://hdl.handle.net/1887/605</a> |
| <b>Dc:source</b>     |             | Library and Information Science Research 22(3), 311-338. (1990)             |

### *Source*

|                            |  |
|----------------------------|--|
| <b>Element name</b>        | Source   |
| <b>DCMI definition</b>     | A reference to a resource from which the present resource is derived.  |
| <b>DCMI comment</b>        | The present resource may be derived from the resource mentioned in DC:Source in whole or in part. Recommended best practice is to reference the resource by means of a string or number conforming to a formal identification system.  |
| <b>Usage</b>               | Recommended  |
| <b>User instruction</b>    | <p>Use dc:source for a bibliographic citation of the resource (e.g. journal title, volume, issue, pages, year of publication and also ISSN, ISBN and DOI)(recommended, dumbed down from dcterms:bibliographicCitation) and optionally metadata about the current location and call number (signatuur) of the digitized publication can be added.</p> <p>Use: Guidelines for Encoding Bibliographic Citation Information in Dublin Core Metadata. (<a href="http://epub.mimas.ac.uk/DC/dc-citation-guidelines/">http://epub.mimas.ac.uk/DC/dc-citation-guidelines/</a>) For bibliographic citations for journal articles and for bibliographic citations for a resource within its own metadata use the Refinement bibliographicCitation (R) (see Identifier) DCMI: A bibliographic reference for the source.</p> |
| <b>Do not confuse with</b> | dc:relation and dc:identifier  |
| <b>Refinements</b>         | -  |
| <b>Example</b>             | <pre>&lt;dc:source&gt;Ecology Letters (1461023X) vol.4 (2001)&lt;/dc:source&gt; &lt;dc:source&gt;ISSN: 0928-0987&lt;/dc:source&gt; &lt;dc:source&gt;Nature, 362, 827-829 (1993) UB Depot Noord: MAGLP TS QU 366&lt;/dc:source&gt;</pre>  |
| <b>Scheme</b>              | ISSN, ISBN, DOI  |

## ***Relation***

|                            |   |
|----------------------------|---|
| <b>Element name</b>        | Relation  |
| <b>DCMI definition</b>     | The reference to a related resource.  |
| <b>DCMI comment</b>        | Recommended best practice is to reference the resource by means of a string or number conforming to a formal identification system.   |
| <b>Usage</b>               | Recommended   |
| <b>User instruction</b>    | <p>The DC element 'relation' can be used to indicate different kinds of relations between several metadata records.</p> <p>In DARE dc:relation is only used to ensure the explicit grouping of related resources by way of this element (version). To do this, information should be mapped from dcterms:isVersionOf. The element should provide an URI. Consequence is that no other qualifiers of the Element Relation are mapped to Simple DC Relation. In order to maintain other qualifiers of relation for future use, it is recommended that qualified Dublin Core is used and sent to KB. In dcterms:isversionof, always relate to an earlier version. So when you are describing version 3 of an object, in dc:relation you always refer to version 2. E.g.:</p> <p>&lt;dcterms:isVersionOf&gt;uripreviousversion&lt;/dcterms:isVersionOf&gt;<br/> where uri previousversion is the value of the DC element 'identifier' of the referenced (previous) metadata record.</p>   |
| <b>Do not confuse with</b> | dc:identifier and dc:source.  |
| <b>Refinements</b>         | <p>isVersionOf (R) DCMI: The described resource is a version, edition, or adaptation of the referenced resource. Changes in version imply substantive changes in content rather than differences in format.</p> <p>hasVersion (R) DCMI: The described resource has a version, edition, or adaptation, namely, the referenced resource.</p> <p>isReplacedBy (R) DCMI: The described resource is supplanted, displaced, or superseded by the referenced resource.</p> <p>replaces (R) DCMI: The described resource supplants, displaces, or supersedes the referenced resource.</p> <p>isRequiredBy (R) DCMI: The described resource is required by the referenced resource, either physically or logically.</p> <p>requires (R) DCMI: The described resource requires the referenced resource to support its function, delivery, or coherence of content.</p> <p>isPartOf (R) DCMI: The described resource is a sical or logical part of the referenced resource.</p> <p>hasPart (R) DCMI: The described source includes the referenced resource either physically or logically.</p> <p>isReferencedBy (R) DCMI: The described resource is referenced, cited, or otherwise pointed to by the referenced resource.</p> <p>references (R) DCMI: The described resource references, cites, or</p> |

|                |   |
|----------------|---|
|                | <p>otherwise points to the referenced resource.</p> <p>isFormatOf (R) DCMI: The described resource is the same intellectual content of the referenced resource, but presented in another format.</p> <p>hasFormat (R) DCMI: The described resource pre-existed the referenced resource, which is essentially the same intellectual content resented in another format.</p> <p>conformsTo (R) DCMI: A reference to an established standard to which the resource conforms.</p> |
| <b>Example</b> | <pre>&lt;dc:relation&gt;http://hdl.handle.net/1765/1473&lt;/dc:relation&gt; &lt;dcterms:isVersionOf&gt;http://hdl.handle.net/1765/1473&lt;/dcterms:isVersionOf&gt;</pre>  |
| <b>Scheme</b>  | -   |