

RightsStatements.org: Technical Implementation

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Guidelines for design

- Rights statements under development are not licenses; try to reflect that in implementation
- Develop as an RDF vocabulary for broad reuse, following best practices on publication
- Considerations of extensibility
- Provide implementation guidelines for aggregators (e.g. DPLA and Europeana) and their partners

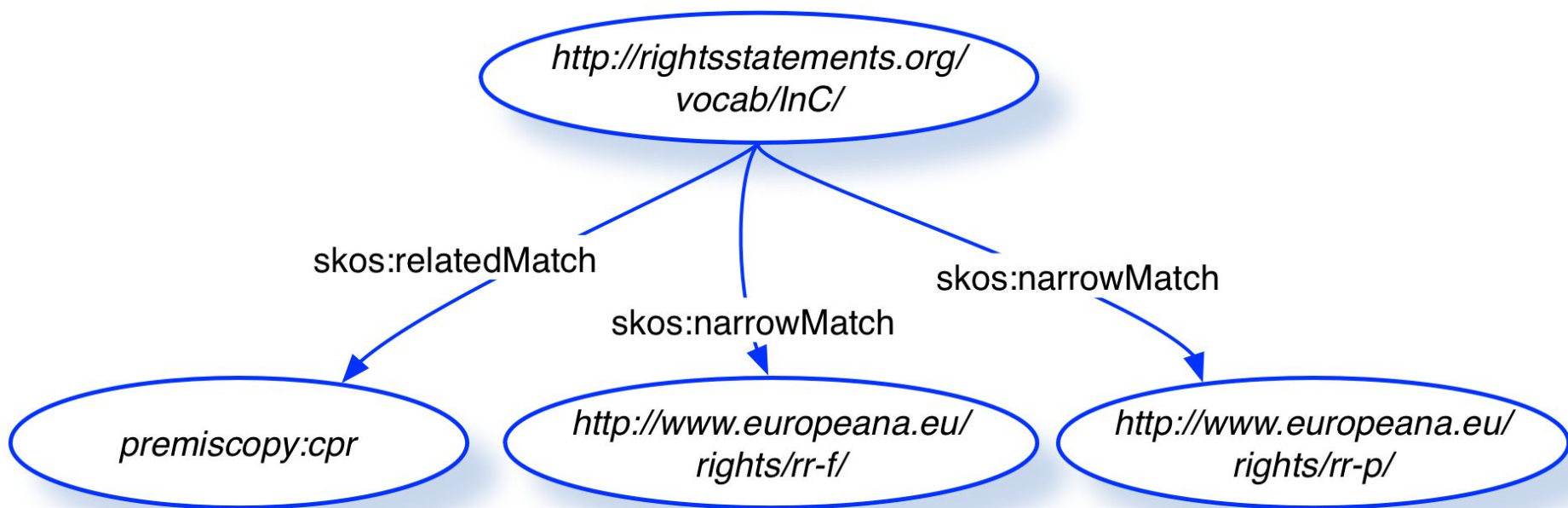
Data model

- Published as a SKOS vocabulary: <http://bit.ly/rights-data-model>
- All statements are modeled as both `skos:Concepts` and `dcterms:RightsStatements`
- Allows for interoperability with other frameworks for rights

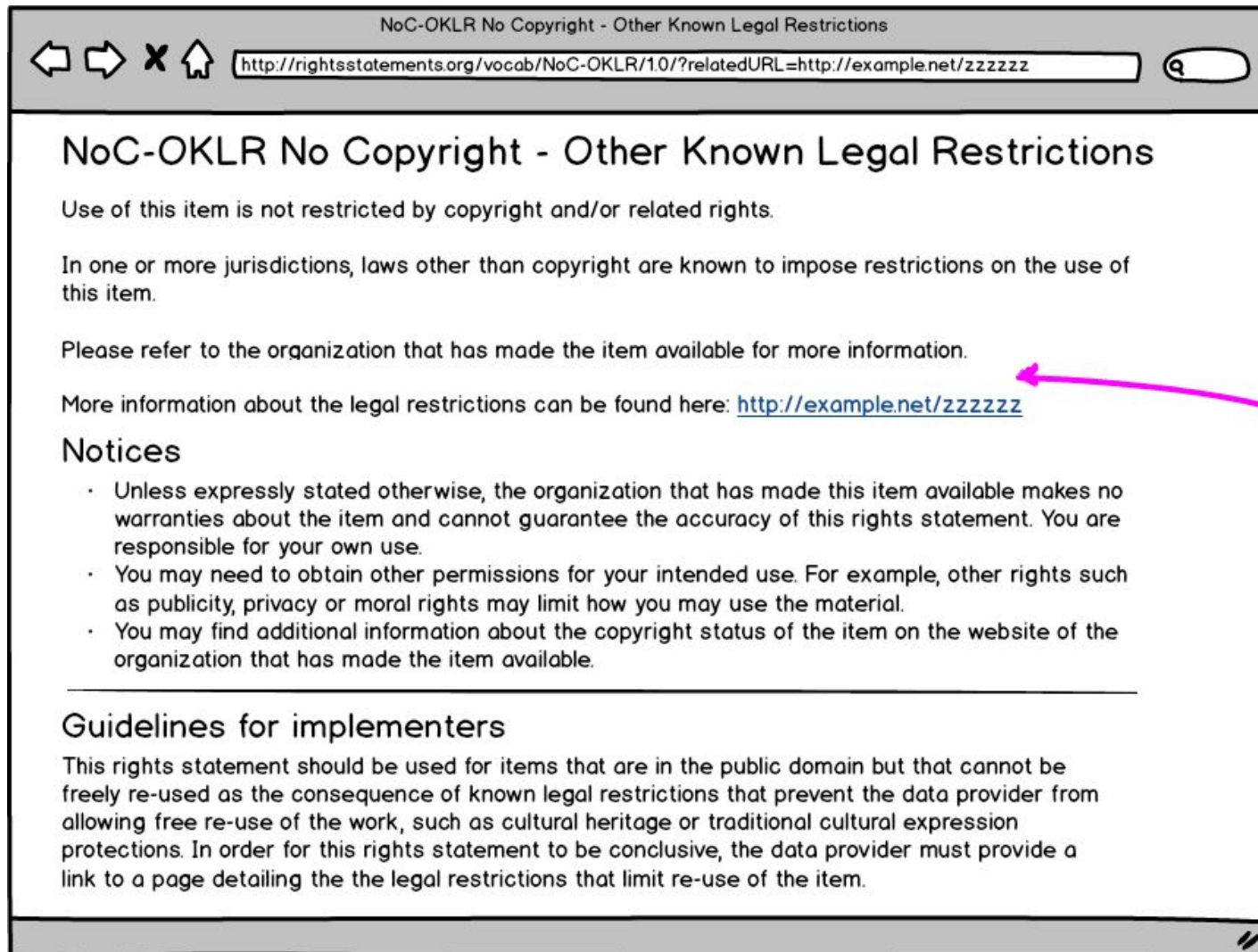
Vocabulary reuse

| Source | Prefix abbreviation | Namespace |
|---|-------------------------|---|
| Creative Commons Rights Expression Language (ccREL) | cc: | http://creativecommons.org/ns# |
| Dublin Core Elements 1.1 | dc: | http://purl.org/dc/elements/1.1/ |
| DCMI Type Vocabulary | dcmitype: | http://purl.org/dc/dcmitype/ |
| DCMI Metadata Terms | dcterms: | http://purl.org/dc/terms/ |
| Europeana Data Model | edm: | http://www.europeana.eu/schemas/edm/ |
| ODRL | odrl: | http://www.w3c.org/ns/odrl/2/ |
| PREMIS Copyright Status | premis:copyrightStatus: | http://id.loc.gov/vocabulary/preservation/copyrightStatus/ |
| SKOS | skos: | http://www.w3.org/2004/02/skos/core# |
| OWL | owl: | http://www.w3.org/2002/07/owl# |
| ODRS | odrs: | http://schema.theodi.org/odrs# |

Vocabulary alignment



Mapping to statements



NoC-OKLR No Copyright - Other Known Legal Restrictions

Use of this item is not restricted by copyright and/or related rights.

In one or more jurisdictions, laws other than copyright are known to impose restrictions on the use of this item.

Please refer to the organization that has made the item available for more information.

More information about the legal restrictions can be found here: <http://example.net/zzzzzz>

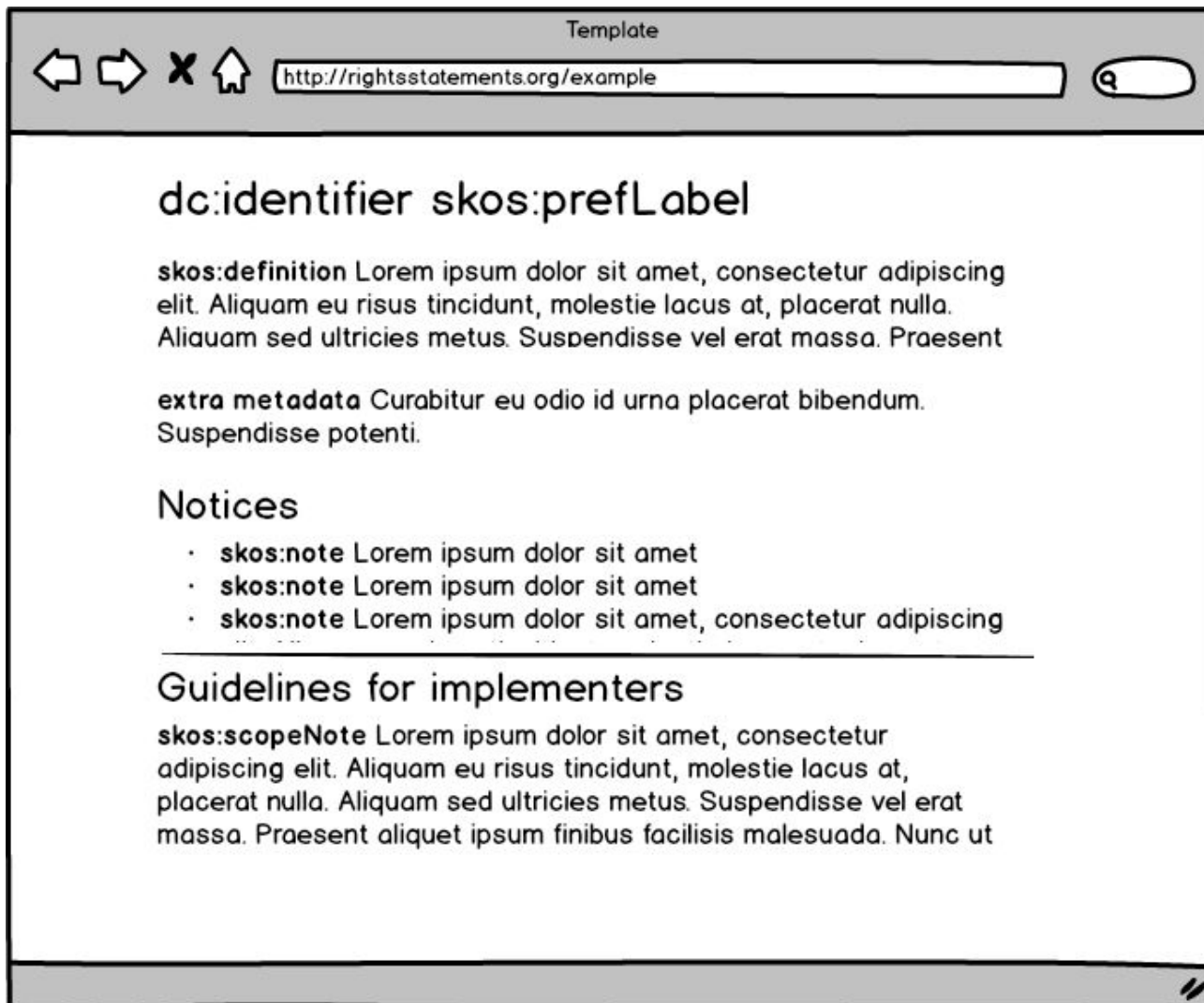
Notices

- Unless expressly stated otherwise, the organization that has made this item available makes no warranties about the item and cannot guarantee the accuracy of this rights statement. You are responsible for your own use.
- You may need to obtain other permissions for your intended use. For example, other rights such as publicity, privacy or moral rights may limit how you may use the material.
- You may find additional information about the copyright status of the item on the website of the organization that has made the item available.

Guidelines for implementers

This rights statement should be used for items that are in the public domain but that cannot be freely re-used as the consequence of known legal restrictions that prevent the data provider from allowing free re-use of the work, such as cultural heritage or traditional cultural expression protections. In order for this rights statement to be conclusive, the data provider must provide a link to a page detailing the the legal restrictions that limit re-use of the item.

Mapping to statements



Mapping to statements

| | |
|--|--|
| Short name of RS <code>dc:identifier</code> | Name of Rights Statement <code>skos:prefLabel</code> |
| URI for Rights Statement | |
| One sentence description of the Rights Statement. This will not be displayed as part of the Rights Statement. Intended for use in documents or on websites describing the Rights Statements. <code>not mapped</code> | |
| Text of the Rights Statement <code>skos:definition</code> | |
| Notices: One or more notices related to the Rights Statement <code>skos:note</code> | |
| Disclaimer regarding this being a Rights Statement and not a legally operative License summary. <code>not mapped</code> | |
| Generic selection criteria for the Rights Statement. Short text that describes when this Rights Statement should be used, aimed primarily at data providers. This text will not be displayed as parts of the Rights Statement. <code>skos:scopeNote</code> | |
| Extra metadata <code>not mapped</code> | For some statements it is possible to provide additional metadata which triggers the display of optional information at the text of the Rights Statement (and above the notices). If this is the case this will be noted here. Specific behavior is specified by keywords in bold as described by RFC2119. ³⁴ |

`skos:Concept`
`dcterms:RightsStatement`

URI/resource structure

| Resource type | Pattern and example URIs without base URI <u>\$variable</u> denotes variables; [] denotes OPTIONAL components |
|--|--|
| Rights statement / vocabulary concept (vocab) | /vocab/ <u>\$id</u> / <u>\$version</u> / /vocab/InC/1.0/ /vocab/NoC-CR/1.0/ |
| Machine-readable RDF representation (data) | /data/ <u>\$id</u> / <u>\$version</u> [<u>.\$extension</u>] /data/InC/1.0/ /data/InC/1.0.ttl /data/NoC-CR/1.0/ /data/NoC-CR/1.0.json |
| Human-readable representation (i.e. HTML versions) (page) | /page/ <u>\$id</u> / <u>\$version</u> / [<u>?\$parameter=\$value</u>] [<u>&\$parameter=\$value</u>] /page/InC/1.0/ /page/InC/1.0/?language=es /page/NoC-CR/1.0/?language=nl&relatedURL=http://example.com/x |

Additional metadata

| Rights statement identifier | Parameter | Purpose/notes |
|-----------------------------|-------------------|---|
| InC-OW-EU | <u>relatedURL</u> | Associated record in the EU OHIM orphan works database |
| OOC-NC | date | Contact expiry date; date must be ISO 8601 |
| NoC-CR | <u>relatedURL</u> | URL with more information on the contractual restrictions |
| NoC-OKLR | <u>relatedURL</u> | URL with more information on other known legal restrictions |

Our infrastructure

- RFP to develop infrastructure for site in final selection phase
- Developing web application to host rights statements vocabulary following linked data best practices
- Designed to provide guidance and direction to make easy for both humans and machines to “follow their noses” for more information

Use in a local context

- Rights statement URIs, with version numbers, should be used whenever the rights statements are applied
- Can optionally include URIs for human-readable representations

Example

```
1  @prefix cc: <http://creativecommons.org/ns#> .
2  @prefix dc: <http://purl.org/dc/elements/1.1/> .
3  @prefix dcterms: <http://purl.org/dc/terms/> .
4  @prefix edm: <http://www.europeana.eu/schemas/edm/> .
5  @prefix dpla: <http://dp.la/about/map/> .
6  @prefix ore: <http://www.openarchives.org/ore/terms/> .
7  @prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
8  @prefix skos: <http://www.w3.org/2004/02/skos/core#> .
9  @prefix foaf: <http://xmlns.com/foaf/0.1/> .
10 @prefix lcnaf: <http://id.loc.gov/authorities/names/> .
11 @prefix premis: <http://www.loc.gov/premis/rdf/v1#> .
12 @prefix ucsd: <http://library.ucsd.edu/ontology/dams4.2#> .
13
14 <obj> dcterms:rights <http://rightsstatements.org/vocab/InC-EDU/1.0/>;
15      premis:hasCopyrightJurisdiction "us";
16      dcterms:accessRights ucsd:restrictedCampus;
17      dcterms:rightsHolder lcnaf:n00085230 .
18 lcnaf:n00085230 skos:prefLabel "Doe, John, -1993" .
```


Example

```
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3  @prefix dcterms: <http://purl.org/dc/terms/> .
4  @prefix edm: <http://www.europeana.eu/schemas/edm/> .
5  @prefix dpla: <http://dp.la/about/map/> .
6  @prefix ore: <http://www.openarchives.org/ore/terms/> .
7  @prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
8  @prefix skos: <http://www.w3.org/2004/02/skos/core#> .
9  @prefix foaf: <http://xmlns.com/foaf/0.1/> .
10
11  <http://dp.la/api/items/fc69709e798f9ad881cf302953ad4c83> a ore:Aggregation ;
12    edm:aggregatedCHO <http://dp.
13      la/api/items/fc69709e798f9ad881cf302953ad4c83#sourceResource> ;
14    edm:rights <http://rightsstatements.org/vocab/InC-EDU/1.0/> .
15
16  <http://dp.la/api/items/fc69709e798f9ad881cf302953ad4c83#sourceResource> a
17    dpla:SourceResource ;
18    dc:rights "Access to the Internet Archive's Collections is granted for
19      scholarship and research purposes only. Some of the content available
20      through the Archive may be governed by local, national, and/or
21      international laws and regulations, and your use of such content is
22      solely at your own risk" ;
23    dc:creator "Boston Redevelopment Authority" ;
24    dc:title "Educational institution study" .
```

Example

```
1  @prefix cc: <http://creativecommons.org/ns#> .
2  @prefix dc: <http://purl.org/dc/elements/1.1/> .
3  @prefix dcterms: <http://purl.org/dc/terms/> .
4  @prefix edm: <http://www.europeana.eu/schemas/edm/> .
5  @prefix dpla: <http://dp.la/about/map/> .
6  @prefix odrl: <http://www.w3.org/ns/odrl/2/> .
7  @prefix odrs: <http://schema.theodi.org/odrs#> .
8  @prefix ore: <http://www.openarchives.org/ore/terms/> .
9  @prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
10 @prefix skos: <http://www.w3.org/2004/02/skos/core#> .
11
12 <http://data.europeana.eu/aggregation/provider/9200332/BibliographicResource_3000123583360>
   a ore:Aggregation ;
13   edm:aggregatedCHO <http://data.europeana.
     eu/item/9200332/BibliographicResource_3000123583360> ;
14   edm:dataProvider "Österreichische Nationalbibliothek – Austrian National Library" ;
15   edm:isShownAt <http://digital.onb.ac.at/OnbViewer/viewer.faces?doc=AB0_%2BZ175802906> ;
16   edm:provider "The European Library"@en ;
17   edm:rights [
18     odrl:inheritFrom <http://rightsstatements.org/vocab/InC-NC/1.0/> ;
19     cc:deprecatedOn "2029-11-17" ;
20     odrs:copyrightStatement <http://rightsstatements.org/page/InC-NC/1.0/?date=2029-11-17>
21   ] .
22
23 <http://data.europeana.eu/item/9200332/BibliographicResource_3000123583360> a edm:ProvidedCHO
   ;
24   dc:title "La polka, vaudeville en un acte" ;
25   dc:creator "Guinot, Eugene", "Berat, Frederic" .
```


Thank You!

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@anarchivist

More information:

- White paper: bit.ly/rstech-whitepaper
- Data model: bit.ly/rights-data-model