

## 1.10 is display transformability of

<i>Explanation</i>	<i>Size</i>	<i>Order</i>	<i>Value Space</i>	<i>Datatype</i>
The described resource states the display transformability characteristics of the referenced resource.	0..1	Unspecified	Repertoire of ISO/IEC 10646-1:2000	CharacterString

The presentation or display of many resources can be transformed if appropriate formats, markup or software development practices are used to create the educational resources. A number of available Web content evaluation and repair tools can determine whether the display or presentation of a resource (e.g., font color, font size, background color, layout, image size) is amenable to transformation. These tools produce an EARL statement (W3C Evaluation and Report Language) which declares the display transformability of the resource. This element is used to describe such a statement, and to indicate what resource has been evaluated.

Formally, a character string is expected as an entry for this element.

It is expected that there will be local implementations of this element that invoke or use subelements that may use a nested approach. For example, one implementation using IEEE-LOM may use, 1.1 identifier, 1.1.1 catalog and 1.1.2 entry as a unique way to identify is display transformability of:

- isdisplaytransformabilityof
  - 1.1 identifier
    - 1.1.1 catalog
    - 1.1.2 entry

Such an implementation may look like the following:

```
<identifier>
  <catalog>URL</catalog>
  <entry>http://www.cancore.ca</entry>
</identifier>
```

A Dublin Core implementation would use the definition of identifier as, "An unambiguous reference to the resource within a given context". An example may look like, <dc:identifier rdf:resource="<http://www.cancore.ca>"/>

## Vocabulary Recommendations

CanCore recommends that the vocabulary values for this element include, but not be limited to, URI, URL, URN, PURL and DOI.

The recommended values are as follows:

**URI Uniform Resource Identifier:** <http://www.w3.org/Addressing/> A character string used to identify a resource (such as a file) from anywhere on the Internet by type and location (e.g., <http://www.cancore.ca>, <ftp://www.ibm.com>). The document "RFC2396" defines the generic syntax of URI, and provides guidelines for their use (see <http://www.ietf.org/rfc/rfc2396.txt>).

**URL Uniform Resource Locator:** <http://www.w3.org/Addressing/URL/Overview.html>  
An informal name for addresses associated with the Web and other common Internet protocols (e.g., <http://www.cancore.ca>, <ftp://129.128.193.212>).

**URN Uniform Resource Name:** <http://www.ietf.org/rfc/rfc2141.txt> "A particular scheme, urn:, specified by RFC2141 and related documents, intended to serve as persistent, location-independent, resource identifiers." (See <http://www.w3.org/Addressing/>). ISBNs may be incorporated or included here, for example, urn:isbn:xxx-xxx-xxx.

**PURL Persistent Uniform Resource Locator:** <http://purl.oclc.org/> Functionally, a PURL is a URL. However, instead of pointing directly to the location of an Internet resource, a PURL points to an intermediate resolution service. The PURL resolution service associates the PURL with the actual URL and returns that URL to the client. The client can then complete the URL transaction in the normal fashion. In other words, this is a standard HTTP redirect. PURLs satisfy many of the requirements of URNs, but they do not allow for complete location independence.

**DOI Digital Object Identifier:** <http://www.doi.org/> A system for identifying and exchanging intellectual property in a distributed, digital environment, developed in part by the Association of American Publishers. DOIs have been widely implemented in some contexts, including publishing and government, and are being considered by some educational infrastructure initiatives. DOI systems also provide some digital rights management features. Their use, however, may involve some upfront costs.

## Example

Is display transformability of:

<http://www.isdisplaytransformabilityof.com>

## XML Example

```
<accmd:isdisplaytransformabilityof>
  <LOM:identifier>
    <LOM:catalog>URI</LOM:catalog>
    <LOM:entry>http://www.url.to.resource.being.described.com</LOM:entry>
  </LOM:identifier>
</accmd:isdisplaytransformabilityof>
```