

G2-CR00211-optional-catalog-and-catalogRef

IPTC G2-Standards: Change Request document

Title: Catalog and CatalogRef should be optional

Change Request number: G2 CR00211

Standard to be changed: NewsML-G2

Standard's version to be changed: 2.29 (i.e. this change will be added to version 2.30)

Change Request History			
Version	Date	Author(s)	Notes
1	2021-07-23	Brendan Quinn, Dave Compton	
2	2021-07-23	Brendan Quinn, Dave Compton	Minor edits

Typographic note

Changes to existing documents/specifications are highlighted in yellow.

Editing notes for the spec documents are highlighted in cyan.

In drafts only: Text highlighted in magenta needs further discussion

Description of the change: (free-text)

Make the inclusion of <catalogRef> or <catalog> optional within an Item.

An Item is defined by AnyItemType; this currently does not specify a minOccurs for the choice (of <catalogRef>, <catalog>), so minOccurs defaults to 1, making it mandatory that one out of the choice is present.

Note that the inclusion of <catalogRef> or <catalog> at the <newsMessage/header> level is already optional.

Rationale for the change:

For NewsML-G2 users who choose to use fully-expanded URIs instead of QCodes, there is no benefit in specifying a <catalogRef> or <catalog>. We can make the change without affecting backwards compatibility.

Reference to related IPTC discussion(s) (on groups.io etc):

<https://groups.io/g/iprtc-news-architecture-dev/message/11629>

Formalised change request: (spec table etc.)

Header	Value
(XML) Data Model	
Namespace (prefix)	nar
Name	
Title	
Definition	
User Note(s)	
Implementation Note(s)	
XML Schema Spec	At: PCL (no changes to CCL since v 2.25)
Datatype	AnyItemType

Internally Ctrl Values			
Externally Ctrl Values			
Attributes	optional attribute group name	Name Cardinality; Datatype; Definition	
Child elements	optional element group name	Name	Cardinality
XML Schema Note(s)	<p>Add minOccurs="0" to</p> <pre><xs:choice maxOccurs="unbounded"> <xs:element ref="catalogRef"/> <xs:element ref="catalog"/> </xs:choice></pre> <p>in the AnyItemType definition.</p> <p>So the new definition becomes:</p> <pre><xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element ref="catalogRef"/> <xs:element ref="catalog"/> </xs:choice></pre>		
Example(s)	<p>Both the following NewsItem definitions will work after this change:</p> <p>a/ With the catalogRef</p> <pre><?xml version="1.0" encoding="UTF-8"?> <newsItem xmlns="http://iptc.org/std/nar/2006-10-01/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" guid="simplest-test" standard="NewsML-G2" standardversion="2.29" conformance="power" xml:lang="en-GB"></pre>		

```
<catalogRef href="http://www.iptc.org/std/catalog/catalog.IPTC-G2-
Standards_36.xml"/>
<itemMeta>
<itemClass qcode="ninat:text" />
<provider qcode="nprov:IPTC" />
<versionCreated>2020-06-22T12:00:00+03:00</versionCreated>
</itemMeta>
<contentSet>
<inlineXML contenttype="application/nitf+xml">
</inlineXML>
</contentSet>
</newsItem>
```

b/ Without the catalogRef and/or catalog (assuming supported in v2.30):

```
<?xml version="1.0" encoding="UTF-8"?>
<newsItem
xmlns="http://iptc.org/std/nar/2006-10-01/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
guid="simplest-test"
standard="NewsML-G2"
standardversion="2.30"
conformance="power"
xml:lang="en-GB">
<itemMeta>
<itemClass qcode="ninat:text" />
<provider qcode="nprov:IPTC" />
<versionCreated>2020-06-22T12:00:00+03:00</versionCreated>
</itemMeta>
<contentSet>
<inlineXML contenttype="application/nitf+xml">
</inlineXML>
</contentSet>
</newsItem>
```