

## G2-CR00216-add-authoritystatus-to-scheme

### IPTC G2-Standards: Change Request document

#### Title: Add @authoritystatus and @authoritystatusuri to scheme, schemeMeta and catalog

Change Request number: G2 CR00216

Standard to be changed: NewsML-G2

Standard's version to be changed: 2.31 (change appears in 2.32)

Change Request History			
Version	Date	Author(s)	Notes
1	2023-03-16	Dave Compton	Initial draft
2	2023-03-17	NewsML-G2 WG	
3	2023-03-24	NewsML-G2 WG	Revised draft
4	2023-04-14	Brendan Quinn	Changed examples to use both QCode and URI versions

#### 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)

Update <scheme>, <schemeMeta> and <catalog> to add a new **authoritystatus** attribute and its equivalent **authoritystatusuri**; this will be used to convey the Authority status when the **authority** attribute is not present.

#### Rationale for the change:

Most schemes have a related Authority, as defined by scheme/@authority. However, the following UCs have been identified (in the IPTC Catalog) where this does not apply:

##### UC1: No single Authority

- Example: Alias=ticker
- Reason: No one single Authority owns/manages all Ticker values.

##### UC2: No current Authority

- Example: Alias=a1312cat | a1312prio | a1312svc | a1312vers
- Reason: The ANPA 1312 Schemes used to be owned/mananged by the Newspaper Authority of America (NAA); this became the News Media Alliance (NMA), but the ANPA Schemes were not formally maintained by NMA.

##### UC3: Country-specific Authority

- Example: Alias=isin
- Reason: ISINs are owned/managed on a per-country basis.

#### Reference to related IPTC discussion(s) (on Yahoo groups etc):

- groups.io: [Scheme Alias: Ticker](#)
- No single Authority: <https://github.com/iptc/news-architecture-dev/issues/114>
- Add @authoritystatus: <https://github.com/iptc/news-architecture-dev/issues/118>
- Authority Status CV: <https://github.com/iptc/newscodes/issues/253>

#### Formalised change request: (spec table etc.)

Header	Value
(XML) Data Model	Element
Namespace	nar

(prefix)									
Name	<b>scheme, catalog, schemeMeta</b> (two new attributes on each of these three elements)								
Title	Scheme, Catalog, Scheme Meta								
Definition									
User Note(s)									
Implementation Note(s)	<p>Add the following advice to the documentation for the @authority attribute:</p> <p>If an authority is given, it should be understood as valid and active. The authoritystatus attribute if present conveys information about the management of the target scheme/catalog.</p>								
XML Schema Spec	At: PCL (no changes to CCL since v 2.25)								
Datatype									
Internally Ctrl Values									
Externally Ctrl Values									
Attributes	<table> <tr> <th>optional attribute group name</th><th>Name Cardinality; Datatype; Definition</th></tr> <tr> <td>.... existing ones</td><td>.... existing ones</td></tr> <tr> <td></td><td>authoritystatus; (0..1); QCodeType: If the authority value is not specified, then this conveys the status of the authority - expressed as a QCode.</td></tr> <tr> <td></td><td>authoritystatusuri; (0..1); IRIType: If the authority value is not specified, then this conveys the status of the authority - expressed as a URI.</td></tr> </table>	optional attribute group name	Name Cardinality; Datatype; Definition	.... existing ones	.... existing ones		authoritystatus; (0..1); QCodeType: If the authority value is not specified, then this conveys the status of the authority - expressed as a QCode.		authoritystatusuri; (0..1); IRIType: If the authority value is not specified, then this conveys the status of the authority - expressed as a URI.
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Child elements									
XML Schema Note(s)	<p>If an authority is given, it should be understood as valid and active. If an authority is not given, then the authoritystatus attribute may be consulted to determine what is the authority status of a CV.</p> <p>Recommended scheme is: <a href="http://cv.ipc.org/newscodes/authoritystatus">http://cv.ipc.org/newscodes/authoritystatus</a></p>								
Example(s)	<p>Note: Values still TBC</p> <p>UC1: No single Authority</p> <pre>&lt;scheme alias="ticker" uri="http://cvx.ipc.org/ticker/" authoritystatus="authoritystatus:nosingleauthority" /&gt; or &lt;scheme alias="ticker" uri="http://cvx.ipc.org/ticker/" authoritystatusuri="http://cv.ipc.org/newscodes/authoritystatus/nosingleauthority" /&gt;</pre> <p>UC2: No current Authority – Used to be NAA</p> <pre>&lt;scheme alias="a1312cat" uri="http://cvx.ipc.org/anpa1312-category/" authoritystatus="authoritystatus:nocurrentauthority" /&gt; or &lt;scheme alias="a1312cat" uri="http://cvx.ipc.org/anpa1312-category/" authoritystatusuri="http://cv.ipc.org/newscodes/authoritystatus/nocurrentauthority"</pre> <p>UC3: Country-specific Authority</p> <pre>&lt;scheme alias="isin" uri="http://cvx.ipc.org/isin/" authoritystatus="authoritystatus:countryspecificauthority" or &lt;scheme alias="isin" uri="http://cvx.ipc.org/isin/" authoritystatusuri="http://cv.ipc.org/newscodes/authoritystatus/countryspecificauthority"</pre>								

Documentation updates	<p>Guidelines:</p> <p>Update section 13.3.5 <a href="https://www.iptc.org/std/NewsML-G2/guidelines/#scheme-metadata">https://www.iptc.org/std/NewsML-G2/guidelines/#scheme-metadata</a> to include reference to the new <code>authoritystatus</code> / <code>authoritystatusuri</code> attributes. Make reference to the <code>cv.iptc.org/newscodes/schemeauthoritystatus</code> CV. Include statement that "If an authority is given, it should be understood as valid and active. If an authority is not given, then the <code>authoritystatus</code> attribute may be consulted to determine the authority status of a CV."</p>
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