




Proposal to Create a NewsML1.x Official XML Schema (XSD)


NewsML 1 Maintenance Working Party



Reasons to Creating NewsML1.x Official XML Schema

- **Many standards going to XML Schema base**
 - NITF3.3, SportsML, XBRL
 - To support NewsML1.x user
- **Some XML middleware need XML Schema**
 - BizTalk, Castor, Toplink...
- **Appropriate DataType to generate appropriate RDB columns automatically**
 - Oracle, ...
- **Validate with specific DataType**
 - DateAndTime (YYYYMMDDTHHMMSS...)
 - Decimal, ...

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Considerations

- **There are concerns:**
 - XSD based instance have to insert XSD based DataContent

XSD

XSD

~~XSD~~

~~DTD~~

NOT ACCEPTED
 - DTD based instance have to insert DTD based DataContent

DTD


DTD

~~DTD~~

~~XSD~~

NOT ACCEPTED
- **Documentations when we release**
 - XML Schema declaration in the NewsML instance
- **Which versions to create?**
 - 1.2 only


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Preparations for creating NewsML1.x Official XML Schema

- **There are experimental XML Schema files for NewsML1.0, 1.1, 1.2 in the IPTC**
 - These were automatically created by XMLSPY and modified manually
- **There are some XML Schema files**
 - BusinessWireProfile1.16NewsML1.2.xsd
 - Specific to BusinessWire Profile
 - Provided in the EAST FormatChecker
 - Error corrected from IPTC experimental XSD

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Schedule and Suggested Persons

- **XSD file**
 - Provided by Takahiro Fujiwara
 - Checked by Dave Compton, Darko Gulija, Jayson Lorenzen, Laurent Le Meur
 - Just validate against representative instance
- **Test documentation**
 - What to do for the test
 - Prepared by Dean Large
- **Send to [newsml] list**
 - All of current NewsML providers are expected
 - Submitted by Dean Large

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Approval by IPTC Membership

- **Tentatively scheduled to be presented for approval at IPTC autumn meeting**
- **Motion**
 - Request that the NewsML1 WP approve to create Official XML Schema for NewsML1.2

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