Abstract

RDFa Core 1.1 [RDFA-CORE] defines attributes and syntax for embedding semantic markup in Host Languages. This document defines one such Host Language. This language is a superset of XHTML 1.1 [XHTML11-2e], integrating the attributes as defined in RDFa Core 1.1. This document is intended for authors who want to create XHTML-Family documents that embed rich semantic markup.

Status of This Document

This section describes the status of this document at the time of its publication. Other documents may supersede this document. A list of current W3C publications and the latest revision of this technical report can be found in the W3C technical reports index at http://www.w3.org/TR/.

This is a revision of Sections 8 and 9 and Appendix A of RDFa Syntax 1.0 [RDFA-SYNTAX]. Once development is complete, if accepted by the W3C membership, this document will supersede those sections of the previous Recommendation. There are a number of substantive differences between this version and its predecessor, including:
1. Inheritance of basic processing rules from [RDFA-CORE][59].
2. The inclusion of an implementation of the markup language using XML Schema.
3. The addition of @lang to be consistent with recent changes in [XHTML11-2e][59].

A sample test harness is available. This set of tests is not intended to be exhaustive. Users may find the tests to be useful examples of RDFa usage. An implementation report lists several implementations of this specification tested during the Candidate Recommendation period. A community-maintained Wiki page includes subsequent updates.

This document was published by the RDFa Working Group as a First Public Working Draft. This document is intended to become a W3C Recommendation. If you wish to make comments regarding this document, please send them to public-rdfa-wg@w3.org (subscribe, archives). All feedback is welcome.

Publication as a Working Draft does not imply endorsement by the W3C Membership. This is a draft document and may be updated, replaced or obsoleted by other documents at any time. It is inappropriate to cite this document as other than work in progress.

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1. Introduction

XHTML+RDFa 1.1 is an XHTML family markup language. It extends the XHTML 1.1 markup language with the attributes defined in RDFa Core 1.1. The document also defines an XHTML Modularization-compatible [XHTML-MODULARIZATION11-2e][p.59] module for the RDFa Core attributes in both XML DTD and XML Schema formats.
2. Conformance

As well as sections marked as non-normative, all authoring guidelines, diagrams, examples, and notes in this specification are non-normative. Everything else in this specification is normative.

The key words must, must not, required, should, should not, recommended, may, and optional in this specification are to be interpreted as described in [RFC2119][p.59].

2.1 Document Conformance

A strictly conforming XHTML+RDFa document is a document that requires only the facilities described as mandatory in this specification. Such a document satisfies the following criteria:

1. The document must conform to the constraints expressed in the schemas in [Appendix A - XHTML+RDFa XML Schema][p.17] and [Appendix B - XHTML+RDFa Document Type Definition][p.39].

2. The local part of the root element of the document must be html.

3. The start tag of the root element of the document must explicitly contain a default namespace declaration for the XHTML namespace [XML-NAME][p.59]. The namespace URI for XHTML is defined to be http://www.w3.org/1999/xhtml. The start tag may also contain the declaration of the XML Schema Instance Namespace and an XML Schema Instance schemaLocation attribute [XMLSCHEMA][p.59]. Such an attribute would associate the XHTML namespace http://www.w3.org/1999/xhtml with the XML Schema at the URI http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-2.xsd.

   <html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.w3.org/1999/xhtml
   http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-2.xsd"
   version="XHTML+RDFa 1.1"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.w3.org/1999/xhtml
   http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-2.xsd"
   lang="en"
   xml:lang="en">

4. There should be a @version attribute on the html element with the value "XHTML+RDFa 1.1".

   <?xml version="1.0" encoding="UTF-8"?>
   <html xmlns="http://www.w3.org/1999/xhtml"
   version="XHTML+RDFa 1.1"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.w3.org/1999/xhtml
   http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-2.xsd"
   lang="en"
   xml:lang="en">
   <head>
   <title>Virtual Library</title>
   </head>
2.2 User Agent Conformance

A conforming user agent must support all of the features required in this specification. A conforming user agent must also support the User Agent conformance requirements as defined in XHTML Modularization [XHTML-MODULARIZATION11-2e][p.59] section on "XHTML Family User Agent Conformance".
3. Additional RDFa Processing Rules

Documents conforming to the rules in this specification are processed according to [RDFA-CORE][p.59] with the following extensions:

- The default vocabulary URI is http://www.w3.org/1999/xhtml/vocab#.
- The default collection of terms is defined in [XHTML Default Vocabulary Terms][p.13].
- The base can be set using the base element as defined in [XHTML-MODULARIZATION11-2e][p.59].
- The current language can be set using either the @lang or @xml:lang attributes.
- In section 6.5, processing step 6, if no URI is provided by a resource attribute, then first check to see if the element is the head or body element. If it is, then act as if there is an empty @about present, and process it according to the rule for @about.
- In section 6.5, processing step 7, if no URI is provided, then first check to see if the element is the head or body element. If it is, then act as if there is an empty @about present, and process it according to the rule for @about.
4. XHTML+RDFa 1.1 Definition

The XHTML+RDFa 1.1 document type is a fully functional document type with rich semantics. It is a superset of [XHTML11-2e][p.59].

The XHTML+RDFa 1.1 document type is made up of the following XHTML modules. The elements, attributes, and content models associated with these modules are defined in "XHTML Modularization" [XHTML-MODULARIZATION11-2e][p.59]. The elements are listed here for information purposes, but the definitions in XHTML Modularization should be considered authoritative.

Structure Module
   body, head, html, title

Text Module
   abbr, acronym, address, blockquote, br, cite, code, dfn, div, em, h1, h2, h3, h4, h5, h6, kbd, p, pre, q, samp, span, strong, var

Hypertext Module
   a, and @href is available on all elements.

List Module
   dl, dt, dd, ol, ul, li

Object Module
   object, param

Presentation Module
   b, big, hr, i, small, sub, sup, tt

Edit Module
   del, ins

Bidirectional Text Module
   bdo

Forms Module
   button, fieldset, form, input, label, legend, select, optgroup, option, textarea

Table Module
   caption, col, colgroup, table, tbody, td, tfoot, th, thead, tr

Image Module
   img

Client-side Image Map Module
   area, map

Server-side Image Map Module
   Attribute ismap on img

Intrinsic Events Module
   Events attributes

Metainformation Module
   meta

Scripting Module
   noscript, script
Stylesheet Module
  style element
Style Attribute Module Deprecated
  @style
Target Module
  @target
Link Module
  link
Base Module
  base
Metainformation Attributes Module[p.13]
  @about, @content, @datatype, @typeof, @property, @rel, @resource, @rev, @vocab

XHTML+RDFa also uses the Ruby Annotation module as defined in [RUBY][p.59]:

Ruby Annotation Module
  ruby, rbc, rtc, rb, rt, rp

This specification also adds the lang attribute to the I18N attribute collection as defined in [XHTML-MODULARIZATION11-2e][p.59]. The lang attribute is defined in [HTML401][p.59]. When this attribute and the xml:lang attribute are specified on the same element, the xml:lang attribute takes precedence. When both lang and xml:lang are specified on the same element, they should have the same value.

There are no additional definitions required by this document type. An implementation of this document type as an XML Schema is defined in [Appendix D][p.?] , and as an XML DTD is defined in [Appendix A][p.39].
5. Metainformation Attributes Module

The Metainformation Attributes Module defines the Metainformation attribute collection. This collection allows elements to be annotated with metadata throughout an XHTML-family document. When this module is included in a markup language, this collection is added to the Common attribute collection as defined in [XHTML-MODULARIZATION11-2e][p.59].

5.1 Metainformation Attributes Collection

The following attributes are included in the attribute collection, and take values in the associated datatype:

<table>
<thead>
<tr>
<th>Attributes</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>about (UR LorCURIE)</td>
<td></td>
</tr>
<tr>
<td>content (CDATA)</td>
<td></td>
</tr>
<tr>
<td>datatype (UR LorCURIE)</td>
<td>If not specified, then the default value is string as defined in [XMLSCHEMA-2][p.59].</td>
</tr>
<tr>
<td>typeof (TERMorUR LorCURIE)+</td>
<td></td>
</tr>
<tr>
<td>prefix (NCName ': ' URI)+</td>
<td></td>
</tr>
<tr>
<td>property (TERMorUR LorCURIE)+</td>
<td></td>
</tr>
<tr>
<td>rel (TERMorUR LorCURIEes)</td>
<td></td>
</tr>
<tr>
<td>resource (UR LorCURIE)</td>
<td></td>
</tr>
<tr>
<td>rev (TERMorUR LorCURIEes)</td>
<td></td>
</tr>
<tr>
<td>vocab URI</td>
<td>A URI that defines the prefix to use when a CURIE is specified with no prefix and no colon.</td>
</tr>
</tbody>
</table>

An implementation of this module in XML Schema can be found in Appendix A[p.17] and in XML DTD in Appendix B[p.39].

5.2 XHTML Default Vocabulary Terms

Note that the values defined in this section may be removed from this document and placed in an external 'RDFa Profile' so that they can be maintained independent of the specification.

The terms defined in this section must be mapped to lower case by an RDFa Processor. The vocabulary terms are:
alternate
  Designates alternate versions for a resource.
appendix
  Refers to a resource serving as an appendix in a collection.
bookmark
  Refers to a bookmark. A bookmark is a link to a key entry point within an extended document. The @title attribute may be used, for example, to label the bookmark. Note that several bookmarks may be defined for a document.
cite
  Refers to a resource that defines a citation. In the following example, the cite is used to reference the book from which the quotation is taken:

  As Gandalf the White said in
  <span rel="cite" resource="http://www.example.com/books/the_two_towers">The Two Towers</span>,
  <quote xml:lang="en">The hospitality of your hall is somewhat lessened of late, Theoden King."</quote>

  which would generate the following triples:
  
  <> xhv:cite <http://www.example.com/books/the_two_towers> .

cite is also useful for referencing specifications:

  More information can be found in

  which would generate the following triples:
  
  <> xhv:cite <http://www.w3.org/TR/REC-xml> .

chapter
  Refers to a resource serving as a chapter in a collection.
contents
  Refers to a resource serving as a table of contents.
copyright
  Refers to a copyright statement for the resource.
first
  Refers to the first item in a collection (see also start and top).
glossary
  Refers to a resource providing a glossary of terms.
help
  Refers to a resource offering help (more information, links to other sources of information, etc.)
icon
  Refers to a resource that represents an icon.
index
  Refers to a resource providing an index.
last
  Refers to the last resource in a collection of resources.
license
  Refers to a resource that defines the license associated with a resource.
meta
  Refers to a resource that provides metadata, for instance in RDF.
next
  Refers to the next resource (after the current one) in an ordered collection.
p3pv1
  Refers to a P3P Policy Reference File. See [[P3P1.0]].
prev
  Refers to the previous resource (before the current one) in an ordered collection.
role
  Indicates the purpose of the resource. For some possible values, see [XHTML-VOCAB] [p.60].
section
  Refers to a resource serving as a section in a collection.
stylesheet
  Refers to a resource acting as a stylesheet for a resource.
subsection
  Refers to a resource serving as a subsection in a collection.
start
  Refers to the first resource in a collection of resources. A typical use case might be a collection of chapters in a book.
top
  Synonym for start.
up
  Refers to the resource "above" in a hierarchically structured set.
A. XHTML+RDFa XML Schema

This appendix is normative.

This appendix includes an implementation of the XHTML+RDFa 1.1 language using XML Schema. It is implemented by combining the XHTML 1.1 Schema with the XHTML Metainformation Attribute Module. This is done by using a content model module, and then a driver module. There are direct links to the various files, and the files are also contained in the "Gzip'd TAR" and "Zip" archives linked to at the top of this document. Please note that the files targeted by the "latest version" links may change slowly over time. See the W3C [XHTML2 Working Group] home page for more information.

A.1 XHTML Metainformation Attributes Module

You can download this version of this file from SCHEMA/xhtml-metaAttributes-2.xsd. The latest version is available at [http://www.w3.org/MarkUp/SCHEMA/xhtml-metaAttributes-2.xsd].

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:xh11d="http://www.w3.org/1999/xhtml/datatypes/"
  elementFormDefault="qualified"
>
  <xs:import namespace="http://www.w3.org/1999/xhtml/datatypes/"
    schemaLocation="xhtml-datatypes-1.xsd" />

  <xs:annotation>
    <xs:documentation>
      This is the XML Schema Metainformation Attributes module for XHTML
    </xs:documentation>
    <xs:documentation source="xhtml-rdfa-copyright-1.xsd"/>
  </xs:annotation>

  <xs:annotation>
    <xs:documentation>
      XHTML Metainformation Attributes
    </xs:documentation>
  </xs:annotation>

  <xs:attribute name="about" type="xh11d:URIorCURIE"/>
  <xs:attribute name="content" type="xh11d:CDATA"/>
  <xs:attribute name="datatype" type="xh11d:TERMorURIorCURIE"/>
  <xs:attribute name="typeof" type="xh11d:TERMorURIorCURIEs"/>
  <xs:attribute name="prefix" type="xh11d:PREFIX"/>
  <xs:attribute name="property" type="xh11d:TERMorURIorCURIEs"/>
  <xs:attribute name="rel" type="xh11d:TERMorURIorCURIEs"/>
  <xs:attribute name="resource" type="xh11d:URIorCURIE"/>
  <xs:attribute name="rev" type="xh11d:TERMorURIorCURIEs"/>
  <xs:attribute name="vocab" type="xs:anyURI"/>

  <xs:attributeGroup name="xhtml.metaAttributes.attrib">
    <xs:attribute name="about"/>
  </xs:attributeGroup>
```
A.2 XHTML+RDFa Schema Content Model Module

You can download this version of this file from SCHEMA/xhtml-rdfa-model-2.xsd. The latest version is available at [http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-model-2.xsd](http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-model-2.xsd).

XML Schema module of common content models for XHTML11

Any groups declared in this module may be used to create element content models, but the above are considered 'global' (insofar as that term applies here). XHTML has the following Attribute Groups:

- xhtml.Core.extra.attrib
- xhtml.I18n.extra.attrib
- xhtml.Common.extra

The above attribute Groups are considered Global
XHTML+RDFa 1.1

A.2 XHTML+RDFa Schema Content Model Module

</xs:documentation>
</xs:annotation>
<xs:include schemaLocation="xhtml-metaAttributes-2.xsd">
<xs:annotation>
<xs:documentation>
XHTML Metainformation Modules

Attributes defined here:
XHTML RDFa attributes
</xs:documentation>
<xs:documentation source="http://www.w3.org/TR/rdfa-syntax"/>
</xs:annotation>
</xs:include>
<xs:attributeGroup name="xhtml.I18n.extra.attrib">
<xs:annotation>
<xs:documentation> Extended I18n attribute </xs:documentation>
</xs:annotation>
<xs:attributeGroup ref="xhtml.dir.attrib">
<xs:annotation>
<xs:documentation> "dir" Attribute from Bi Directional Text (bdo) Module </xs:documentation>
</xs:annotation>
</xs:attributeGroup>
</xs:attributeGroup>
<xs:attributeGroup name="xhtml.Common.extra">
<xs:annotation>
<xs:documentation> Extended Common Attributes </xs:documentation>
</xs:annotation>
<xs:attributeGroup ref="xhtml.style.attrib">
<xs:annotation>
<xs:documentation> "style" attribute from Inline Style Module </xs:documentation>
</xs:annotation>
</xs:attributeGroup>
<xs:attributeGroup ref="xhtml.Events.attrib">
<xs:annotation>
<xs:documentation> Attributes from Events Module </xs:documentation>
</xs:annotation>
</xs:attributeGroup>
<xs:attributeGroup ref="xhtml.metaAttributes.attrib">
<xs:annotation>
<xs:documentation> Attributes from Metainformation Module </xs:documentation>
</xs:annotation>
</xs:attributeGroup>
</xs:attributeGroup>
<xs:attributeGroup name="xhtml.Core.extra.attrib"
<xs:annotation>
  <xs:documentation> Extend Core Attributes </xs:documentation>
</xs:annotation>
</xs:attributeGroup>
<xs:attributeGroup
  name="xhtml.Global.core.extra.attrib">
  <xs:annotation>
    <xs:documentation> Extended Global Core Attributes </xs:documentation>
  </xs:annotation>
</xs:attributeGroup>
<xs:attributeGroup
  name="xhtml.Global.I18n.extra.attrib">
  <xs:annotation>
    <xs:documentation> Extended Global I18n attributes </xs:documentation>
  </xs:annotation>
</xs:attributeGroup>
<xs:attributeGroup
  name="xhtml.Global.Common.extra">
  <xs:annotation>
    <xs:documentation> Extended Global Common Attributes </xs:documentation>
  </xs:annotation>
</xs:attributeGroup>
<xs:group
  name="xhtml.Head.extra">
  <xs:sequence/>
</xs:group>
<xs:group
  name="xhtml.HeadOpts.mix">
  <xs:choice>
    <xs:element name="script" type="xhtml.script.type"/>
    <xs:element name="style" type="xhtml.style.type"/>
    <xs:element name="meta" type="xhtml.meta.type"/>
    <xs:element name="link" type="xhtml.link.type"/>
    <xs:element name="object" type="xhtml.object.type"/>
    <xs:group
      ref="xhtml.Head.extra"/>
  </xs:choice>
</xs:group>
<xs:group
  name="xhtml.head.content">
  <xs:sequence>
    <xs:group
      ref="xhtml.HeadOpts.mix"
      minOccurs="0"
      maxOccurs="unbounded"/>
    <xs:choice>
      <xs:element name="title"
        minOccurs="1"
        maxOccurs="1"
        type="xhtml.title.type"/>
      <xs:group

<xs:sequence
    minOccurs="0">
  <xs:element name="base"
    type="xhtml.base.type"/>
  <xs:group
    ref="xhtml.HeadOpts.mix"
    minOccurs="0"
    maxOccurs="unbounded"/>
</xs:sequence>

<xs:sequence
    minOccurs="0">
  <xs:element name="base"
    type="xhtml.base.type"
    minOccurs="1"
    maxOccurs="1"/>
  <xs:group
    ref="xhtml.HeadOpts.mix"
    minOccurs="0"
    maxOccurs="unbounded"/>
  <xs:element name="title"
    minOccurs="1"
    maxOccurs="1"
    type="xhtml.title.type"/>
  <xs:group
    ref="xhtml.HeadOpts.mix"
    minOccurs="0"
    maxOccurs="unbounded"/>
</xs:sequence>
</xs:choice>
</xs:sequence>
</xs:group>
<!--
ins and del are used to denote editing changes
-->
<xs:group
    name="xhtml.Edit.class">
  <xs:choice>
    <xs:element name="ins"
      type="xhtml.edit.type"/>
    <xs:element name="del"
      type="xhtml.edit.type"/>
  </xs:choice>
</xs:group>
<!--
script and noscript are used to contain scripts and alternative content
-->
<xs:group
    name="xhtml.Script.class">
  <xs:choice>
    <xs:element name="script"
      type="xhtml.script.type"/>
    <xs:element name="noscript"
      type="xhtml.noscript.type"/>
  </xs:choice>
</xs:group>
These elements are neither block nor inline, and can essentially be used anywhere in the document body.
<xs:choice>
  <xs:element name="tt"
    type="xhtml.InlPres.type"/>
  <xs:element name="i"
    type="xhtml.InlPres.type"/>
  <xs:element name="b"
    type="xhtml.InlPres.type"/>
  <xs:element name="big"
    type="xhtml.InlPres.type"/>
  <xs:element name="small"
    type="xhtml.InlPres.type"/>
  <xs:element name="sub"
    type="xhtml.InlPres.type"/>
  <xs:element name="sup"
    type="xhtml.InlPres.type"/>
</xs:choice>
</xs:group>
<xs:group name="xhtml.I18n.class">
  <xs:sequence>
    <xs:element name="bdo"
      type="xhtml.bdo.type"/>
  </xs:sequence>
</xs:group>
<xs:group name="xhtml.Anchor.class">
  <xs:sequence>
    <xs:element name="a"
      type="xhtml.a.type"/>
  </xs:sequence>
</xs:group>
<xs:group name="xhtml.InlSpecial.class">
  <xs:choice>
    <xs:element name="img"
      type="xhtml.img.type"/>
    <xs:element name="map"
      type="xhtml.map.type"/>
    <xs:element name="object"
      type="xhtml.object.type"/>
  </xs:choice>
</xs:group>
<xs:group name="xhtml.InlForm.class">
  <xs:choice>
    <xs:element name="input"
      type="xhtml.input.type"/>
    <xs:element name="select"
      type="xhtml.select.type"/>
    <xs:element name="textarea"
      type="xhtml.textarea.type"/>
    <xs:element name="label"
      type="xhtml.label.type"/>
  </xs:choice>
</xs:group>
<xs:group name="xhtml.Inline.class">
  <xs:choice>
    <xs:group ref="xhtml.InlStruct.class"/>
    <xs:group ref="xhtml.InlPhras.class"/>
    <xs:group ref="xhtml.InlPres.class"/>
    <xs:group ref="xhtml.I18n.class"/>
    <xs:group ref="xhtml.Anchor.class"/>
    <xs:group ref="xhtml.InlSpecial.class"/>
    <xs:group ref="xhtml.InlForm.class"/>
    <xs:group ref="xhtml.Ruby.class"/>
    <xs:group ref="xhtml.Inline.extra"/>
  </xs:choice>
</xs:group>
</xs:group>
</xs:choice>
</xs:group>
</xs:sequence>
</xs:group>
</xs:group>
</xs:sequence>
</xs:group>
</xs:group>
</xs:group>

Inline.class includes all inline elements, used as a component in mixes

InlNoRuby.class includes all inline elements except ruby
<xs:group name="xhtml.InlNoAnchor.class">
  <xs:choice>
    <xs:group ref="xhtml.InlStruct.class"/>
    <xs:group ref="xhtml.InlPhras.class"/>
    <xs:element name="tt" type="xhtml.InlPres.type"/>
    <xs:element name="i" type="xhtml.InlPres.type"/>
    <xs:element name="b" type="xhtml.InlPres.type"/>
    <xs:group ref="xhtml.I18n.class"/>
    <xs:group ref="xhtml.Anchor.class"/>
    <xs:group ref="xhtml.Misc.class"/>
    <xs:element name="map" type="xhtml.map.type"/>
    <xs:group ref="xhtml.InlPres.class"/>
    <xs:group ref="xhtml.I18n.class"/>
    <xs:group ref="xhtml.InlForm.class"/>
  </xs:choice>
</xs:group>
</xs:group>
</xs:choice>
</xs:group>
</xs:group>
<xs:group name="xhtml.InlNoAnchor.mix">
  <xs:choice>
    <xs:group ref="xhtml.InlNoAnchor.class"/>
    <xs:group ref="xhtml.Misc.class"/>
  </xs:choice>
</xs:group>

<!--
InlNoAnchor.mix includes all non-anchor inlines
-->

<!--
Inline.mix includes all inline elements, including Misc.class
-->

<!--
InlNoRuby.mix includes all of inline.mix elements except ruby
-->

<!--
In the HTML 4 DTD, heading and list elements were included in the block group. The Heading.class and List.class groups must now be included explicitly on element declarations where desired.
-->

<xs:group name="xhtml.Heading.class">
  <xs:choice>
    <xs:element name="h1" type="xhtml.h1.type"/>
    <xs:element name="h2" type="xhtml.h2.type"/>
    <xs:element name="h3" type="xhtml.h3.type"/>
  </xs:choice>
</xs:group>
A.2 XHTML+RDFa Schema Content Model Module

```xml
<xs:element name="h3" type="xhtml.h3.type"/>
<xs:element name="h4" type="xhtml.h4.type"/>
<xs:element name="h5" type="xhtml.h5.type"/>
<xs:element name="h6" type="xhtml.h6.type"/>
</xs:choice>
</xs:group>
<xs:group name="xhtml.List.class">
    <xs:choice>
        <xs:element name="ul" type="xhtml.ul.type"/>
        <xs:element name="ol" type="xhtml.ol.type"/>
        <xs:element name="dl" type="xhtml.dl.type"/>
    </xs:choice>
</xs:group>
<xs:group name="xhtml.Table.class">
    <xs:choice>
        <xs:element name="table" type="xhtml.table.type"/>
    </xs:choice>
</xs:group>
<xs:group name="xhtml.Form.class">
    <xs:choice>
        <xs:element name="form" type="xhtml.form.type"/>
    </xs:choice>
</xs:group>
<xs:group name="xhtml.Fieldset.class">
    <xs:choice>
        <xs:element name="fieldset" type="xhtml.fieldset.type"/>
    </xs:choice>
</xs:group>
<xs:group name="xhtml.BlkStruct.class">
    <xs:choice>
        <xs:element name="p" type="xhtml.p.type"/>
        <xs:element name="div" type="xhtml.div.type"/>
    </xs:choice>
</xs:group>
<xs:group name="xhtml.BlkPhras.class">
    <xs:choice>
        <xs:element name="pre" type="xhtml.pre.type"/>
        <xs:element name="blockquote" type="xhtml.blockquote.type"/>
    </xs:choice>
</xs:group>
```
<xs:element name="address"
type="xhtml.address.type"/>
</xs:choice>
</xs:group>
<xs:group
name="xhtml.BlkPres.class">
<xs:sequence>
<xs:element name="hr"
type="xhtml.hr.type"/>
</xs:sequence>
</xs:group>
<xs:group
name="xhtml.BlkSpecial.class">
<xs:choice>
<xs:group
ref="xhtml.Table.class"/>
<xs:group
ref="xhtml.Form.class"/>
<xs:group
ref="xhtml.Fieldset.class"/>
</xs:choice>
</xs:group>
<xs:group
name="xhtml.Block.extra">
<xs:sequence/>
</xs:group>
<!--
Block.class includes all block elements,
used as an component in mixes
-->  
<xs:group
name="xhtml.Block.class">
<xs:choice>
<xs:group
ref="xhtml.BlkStruct.class"/>
<xs:group
ref="xhtml.BlkPhras.class"/>
<xs:group
ref="xhtml.BlkPres.class"/>
<xs:group
ref="xhtml.BlkSpecial.class"/>
<xs:group
ref="xhtml.Block.extra"/>
</xs:choice>
</xs:group>
<!--
Block.mix includes all block elements plus %Misc.class;
-->  
<xs:group
name="xhtml.Block.mix">
<xs:choice>
<xs:group
ref="xhtml.Heading.class"/>
<xs:group
ref="xhtml.List.class"/>
<xs:group
ref="xhtml.Block.class"/>
All Content Elements

Flow.mix includes all text content, block and inline
Note that the "any" element included here allows us
to add data from any other namespace, a necessity
for compound document creation.
Note however that it is not possible to add
to any head level element without further
modification. To add RDF metadata to the head
of a document, modify the structure module.

BlkNoForm.mix includes all non-form block elements,
plus Misc.class

<xsd:group
  name="xhtml.BlkNoForm.mix">
  <xsd:choice>
    <xsd:group
      ref="xhtml.Heading.class"/>
    <xsd:group
      ref="xhtml.List.class"/>
    <xsd:group
      ref="xhtml.BlkStruct.class"/>
    <xsd:group
      ref="xhtml.BlkPhras.class"/>
    <xsd:group
      ref="xhtml.BlkPres.class"/>
    <xsd:group
      ref="xhtml.Table.class"/>
    <xsd:group
      ref="xhtml.Block.extra"/>
    <xsd:group
      ref="xhtml.Misc.class"/>
  </xsd:choice>
</xsd:group>
A.3 XHTML+RDFa Schema Modules

You can download this version of this file from SCHEMA/xhtml-rdfa-modules-2.xsd. The latest version is available at [http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-modules-2.xsd](http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-modules-2.xsd).

This schema includes all modules for XHTML1.1 Document Type. XHTML1.1 Document Type includes the following Modules:

XHTML Core modules (Required for XHTML Family Conformance)
- text
- hypertext
- lists
- structure

Other XHTML modules
- Edit
- Bdo
- Presentation
- Link
- Meta
- Base
- Scripting
- Style
- Images
- Applet
- Object
- Param (Applet/Object modules require Param Module)
- Tables
- Target
- Forms
- Client side image maps
- Server side image maps

The Text module includes declarations for all core text container elements and their attributes.
- block phrasal
- block structural
- inline phrasal
- inline structural

Elements defined here:
- address, blockquote, pre, h1, h2, h3, h4, h5, h6
- div, p
- abbr, acronym, cite, code, dfn, em, kbd, q, samp, strong, var

- 30 -
Client-side Image Maps Module

Elements defined here:
  * area, map

Server-side Image Maps Module

Attributes defined here:
  * ismap on img

Object Module

Elements defined here:
  * object

Param Module

Elements defined here:
  * param

Tables Module

Elements defined here:
  * table, caption, thead, tbody, tfoot, colgroup, col, tr, th, td
Forms module
Elements defined here:
* form, label, input, select, optgroup, option,
* textarea, fieldset, legend, button

Changes to XHTML Form Attlist

Changes to XHTML Form Input Element

Changes to XHTML Form Label Element

Changes to XHTML Select Element
Redefinition by Event Attribute Module

Original TextArea Attributes (in Forms Module)

Redefinition by Event Attribute Module

Original Button Attributes (in Forms Module)

Redefinition by Event Attribute Module

Elements defined here:
* ruby, rbc, rtc, rb, rt, rp

Note that either Ruby or Basic Ruby should be used but not both

Attributes defined here:
XHTML Event Types

Attributes defined here:
XHTML RDFa attributes

Attributes defined here:
target

Attributes defined here:
XHTML Target Attribute Module
A.4 XHTML+RDFa XML Schema Driver Module

You can download this version of this file from SCHEMA/xhtml-rdfa-2.xsd. The latest version is available at [http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-2.xsd](http://www.w3.org/MarkUp/SCHEMA/xhtml-rdfa-2.xsd).

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" targetNamespace="http://www.w3.org/1999/xhtml"
xmlns:xh11d="http://www.w3.org/1999/xhtml/datatypes/" xmlns="http://www.w3.org/1999/xhtml"
elementFormDefault="qualified">
  <xs:annotation>
    <xs:documentation>
      This is the XML Schema driver for XHTML + RDFa Please use this namespace for XHTML elements: "http://www.w3.org/1999/xhtml" $Id: xhtml-rdfa-1.xsd,v 1.2 2008/07/02 13:26:46 ahby Exp $ </xs:documentation>
  </xs:annotation>

schemaLocation="http://www.w3.org/2001/xml.xsd">
    <xs:annotation>
      <xs:documentation>
        This import brings in the XML namespace attributes The XML attributes are used by various modules. </xs:documentation>
    </xs:annotation>
  </xs:import>

  <xs:import namespace="http://www.w3.org/1999/xhtml/datatypes/"
schemaLocation="xhtml-datatypes-1.xsd"/>
  <xs:include schemaLocation="xhtml-rdfa-model-2.xsd">
    <xs:annotation>
      <xs:documentation>
        Document Model module for the XHTML+RDFa Document Type. This schema file defines all named models used by XHTML Modularization Framework for XHTML+RDFa Document Type </xs:documentation>
    </xs:annotation>
  </xs:include>

  <xs:include schemaLocation="xhtml-rdfa-modules-2.xsd">
    <xs:annotation>
      <xs:documentation>
        Schema that includes all modules (and redefinitions) for XHTML1.1 Document Type. </xs:documentation>
    </xs:annotation>
  </xs:include>

  <!-- link, meta, and a need to be defined directly here -->
  <xs:attributeGroup name="xhtml.a.attlist">
    <xs:attributeGroup ref="xhtml.Common.attrib"/>
    <xs:attribute name="href" type="xh11d:URI"/>
    <xs:attribute name="charset" type="xh11d:Charset"/>
    <xs:attribute name="type" type="xh11d:ContentType"/>
    <xs:attribute name="hreflang" type="xh11d:LanguageCode"/>
    <xs:attribute name="accesskey" type="xh11d:Character"/>
    <xs:attribute name="tabindex" type="xh11d:Number"/>
    <xs:attributeGroup ref="xhtml.a.csim.attlist"/>
    <xs:annotation>
      <xs:documentation>
        Redefinition by Client Side Image Map Module </xs:documentation>
    </xs:annotation>
  </xs:attributeGroup>
</xs:schema>
```
B. XHTML+RDFa Document Type Definition

This appendix includes an implementation of the XHTML+RDFa 1.1 language as an XML DTD. It is implemented by combining the XHTML 1.1 DTD with the XHTML Metainformation Attribute Module. This is done by using a content model module, and then a driver module. There are direct links to the various files, and the files are also contained in the "Gzip’d TAR" and "Zip" archives linked to at the top of this document. Please note that the files targeted by the "latest version" links may change slowly over time. See the W3C XHTML2 Working Group home page for more information.

B.1 XHTML Metainformation Attributes Module

You can download this version of this file from DTD/xhtml-metaAttributes-2.mod. The latest version is available at [http://www.w3.org/MarkUp/DTD/xhtml-metaAttributes-2.mod](http://www.w3.org/MarkUp/DTD/xhtml-metaAttributes-2.mod).

```xml
<!DOCTYPE ...>
<!ENTITY % XHTML.global.attrs.prefixed "IGNORE" >
<!ENTITY % CURIE.datatype "CDATA" >
<!ENTITY % CURIEs.datatype "CDATA" >
<!ENTITY % SafeCURIE.datatype "CDATA" >
<!ENTITY % SafeCURIEs.datatype "CDATA" >
<!ENTITY % URIorCURIE.datatype "CDATA" >
<!ENTITY % URIorCURIEs.datatype "CDATA" >
<!ENTITY % URIorSafeCURIE.datatype "CDATA" >
<!ENTITY % URIorSafeCURIEs.datatype "CDATA" >
<!ENTITY % about.attrib                                #IMPLIED
"about        %URIorCURIE.datatype;             #IMPLIED"
>
<!ENTITY % XHTML.global.about.attrib                       #IMPLIED
"%XHTML.prefix;:about           %URIorCURIE.datatype;        #IMPLIED"
>
<!ENTITY % typeof.attrib                                #IMPLIED
"typeof        %URIorCURIEs.datatype;             #IMPLIED"
>
<!ENTITY % XHTML.global.typeof.attrib                        #IMPLIED
"%XHTML.prefix;:typeof           %URIorCURIEs.datatype;        #IMPLIED"
>
<!ENTITY % property.attrib                                #IMPLIED
"property        %URIorCURIEs.datatype;             #IMPLIED"
>
<!ENTITY % XHTML.global.property.attrib                       #IMPLIED
"%XHTML.prefix;:property           %URIorCURIEs.datatype;        #IMPLIED"
>
```

This module declares a collection of meta-information related attributes. %NS.decl.attrib; is declared in the XHTML Qname module. This file also includes declarations of "global" versions of the attributes. The global versions of the attributes are for use on elements in other namespaces.
<!ENTITY % resource.attrib "resource %URIorCURIE.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.resource.attrib "%XHTML.prefix;:resource %URIorCURIE.datatype; #IMPLIED"
>
<!ENTITY % content.attrib "content CDATA #IMPLIED"
>
<!ENTITY % XHTML.global.content.attrib "%XHTML.prefix;:content CDATA #IMPLIED"
>
<!ENTITY % datatype.attrib "datatype %URIorCURIE.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.datatype.attrib "%XHTML.prefix;:datatype %URIorCURIE.datatype; #IMPLIED"
>
<!ENTITY % rel.attrib "rel %URIorCURIEs.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.rel.attrib "%XHTML.prefix;:rel %URIorCURIEs.datatype; #IMPLIED"
>
<!ENTITY % rev.attrib "rev %URIorCURIEs.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.rev.attrib "%XHTML.prefix;:rev %URIorCURIEs.datatype; #IMPLIED"
>
<!ENTITY % prefix.attrib "prefix %PREFIX.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.prefix.attrib "%XHTML.prefix;:prefix %PREFIX.datatype; #IMPLIED"
>
<!ENTITY % vocab.attrib "vocab %URI.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.vocab.attrib "%XHTML.prefix;:vocab %URI.datatype; #IMPLIED"
>
<!ENTITY % Metainformation.extra.attrib ""
>
<!ENTITY % Metainformation.attrib "%about.attrib;
%content.attrib;
%datatype.attrib;
%typeof.attrib;
%prefix.attrib;
%property.attrib;
%rel.attrib;
%resource.attrib;
%rev.attrib;
%vocab.attrib;
%Metainformation.extra.attrib;"
>
<!ENTITY % XHTML.global.metainformation.attrib "%about.attrib;
%content.attrib;
%datatype.attrib;
%typeof.attrib;
%prefix.attrib;
%property.attrib;
%relattrib;
%resourceattrib;
%revattrib;
%vocabattrib;
%Metainformationextraattrib;"
>
<!ENTITY % XHTML.global.metainformation.extra.attrib ""
>
<!ENTITY % XHTML.global.metainformation.attrib "%about.attrib;
%content.attrib;
%datatype.attrib;
%typeof.attrib;
%prefixattrib;
%property.attrib;
%relattrib;
%resourceattrib;
%revattrib;
%vocabattrib;
%Metainformationattrib;"
>
<!ENTITY % XHTML.global.attrs.prefixed;[
<!ENTITY % XHTML.global.resource.attrib "%XHTML.prefix;:resource %URIorCURIE.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.content.attrib "%XHTML.prefix;:content CDATA #IMPLIED"
>
<!ENTITY % XHTML.global.datatype.attrib "%XHTML.prefix;:datatype %URIorCURIE.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.rel.attrib "%XHTML.prefix;:rel %URIorCURIEs.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.rev.attrib "%XHTML.prefix;:rev %URIorCURIEs.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.prefix.attrib "%XHTML.prefix;:prefix %PREFIX.datatype; #IMPLIED"
>
<!ENTITY % XHTML.global.vocab.attrib "%XHTML.prefix;:vocab %URI.datatype; #IMPLIED"
>
B.2 XHTML+RDFa Content Model Module

You can download this version of this file from DTD/xhtml-rdfa-model-2.mod. The latest version is available at [http://www.w3.org/MarkUp/DTD/xhtml-rdfa-model-2.mod](http://www.w3.org/MarkUp/DTD/xhtml-rdfa-model-2.mod).

XHTML+RDFa has three basic content models:

- %Inline.mix; character-level elements
- %Block.mix; block-like elements, eg., paragraphs and lists
- %Flow.mix; any block or inline elements

Any parameter entities declared in this module may be used to create element content models, but the above three are considered 'global' (insofar as that term applies here).

The reserved word '#PCDATA' (indicating a text string) is now included explicitly with each element declaration that is declared as mixed content, as XML requires that this token occur first in a content model specification.

Extending the Model

While in some cases this module may need to be rewritten to accommodate changes to the document model, minor extensions may be accomplished by redeclaring any of the three *.extra; parameter entities to contain extension element types as follows:

- %Misc.extra; whose parent may be any block or inline element.
- %Inline.extra; whose parent may be any inline element.
- %Block.extra; whose parent may be any block element.

If used, these parameter entities must be an OR-separated list beginning with an OR separator ("|"); eg., "| a | b | c"

All block and inline *.class parameter entities not part of the *struct.class classes begin with "| " to allow for exclusion from mixes.

Optional Elements in head

- %HeadOpts.mix

Miscellaneous Elements

- %Misc.class

Inline Elements

- %Misc.extra

These elements are neither block nor inline, and can essentially be used anywhere in the document body.

Inline Elements

- %Misc.class
B.3 XHTML+RDFa Driver Module

You can download this version of this file from DTD/xhtml-rdfa-2.dtd. The latest version is available at [http://www.w3.org/MarkUp/DTD/xhtml-rdfa-2.dtd]

This is an example markup language combining XHTML 1.1 and the RDFa modules.

XHTML+RDFa
Copyright 1998-2010 World Wide Web Consortium
(Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University).
All Rights Reserved.

Permission to use, copy, modify and distribute the XHTML DTD and its accompanying documentation for any purpose and without fee is hereby granted in perpetuity, provided that the above copyright notice and this paragraph appear in all copies. The copyright holders make no
representation about the suitability of the DTD for any purpose.

It is provided "as is" without expressed or implied warranty.

--><!-- This is the driver file for version 1 of the XHTML + RDFa DTD.

Please use this public identifier to identify it:

"-//W3C//DTD XHTML+RDFa 1.1//EN"

--><!ENTITY % XHTML.version "XHTML+RDFa 1.1" >

<!-- Use this URI to identify the default namespace:

"http://www.w3.org/1999/xhtml"

See the Qualified Names module for information on the use of namespace prefixes in the DTD.

Note that XHTML namespace elements are not prefixed by default, but the XHTML namespace prefix is defined as "xhtml" so that other markup languages can extend this one and use the XHTML prefixed global attributes if required.

--><!ENTITY % NS.prefixed "IGNORE" >
<!ENTITY % XHTML.prefix "xhtml" >

<!-- Be sure to include prefixed global attributes - we don’t need them, but languages that extend XHTML 1.1 might.

--><!ENTITY % XHTML.global.attrs.prefixed "INCLUDE" >

<!-- Reserved for use with the XLink namespace:

--><!ENTITY % XLINK.xmlns "" >
<!ENTITY % XLINK.xmlns.attrib "" >

<!-- For example, if you are using XHTML 1.1 directly, use the public identifier in the DOCTYPE declaration, with the namespace declaration on the document element to identify the default namespace:

<?xml version="1.0"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML+RDFa 1.1//EN"
 "http://www.w3.org/MarkUp/DTD/xhtml-rdfa-2.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
 xml:lang="en">
 ...
 </html>

Revisions:
 (none)

--><!-- reserved for future use with document profiles -->
<!ENTITY % XHTML.profile "" >
%MetaInformation.attrib;
href %URI.datatype;  #IMPLIED
xml:space ( preserve )  #FIXED 'preserve'
type %ContentType.datatype;  #required
media %MediaDesc.datatype;  #IMPLIED
>
<!-- Image Module .................................................... -->
<!ENTITY % xhtml-image.module "INCLUDE" >
<!ENTITY % xhtml-image.module;[
<!ENTITY % xhtml-image.mod
PUBLIC "-//W3C//ELEMENTS XHTML Images 1.0//EN"
"http://www.w3.org/MarkUp/DTD/xhtml-image-1.mod" >
%xhtml-image.mod;]]>

<!-- Client-side Image Map Module ................................. -->
<!ENTITY % area.attlist "IGNORE" >
<!ENTITY % xhtml-csismap.module "INCLUDE" >
<!ENTITY % xhtml-csismap.module;[
<!ENTITY % xhtml-csismap.mod
PUBLIC "-//W3C//ELEMENTS XHTML Client-side Image Maps 1.0//EN"
"http://www.w3.org/MarkUp/DTD/xhtml-csismap-1.mod" >
%xhtml-csismap.mod;]]>

<!ATTLIST %area.qname;
%Common.attrib;
shape %Shape.datatype;     'rect'
coords %Coords.datatype;  #IMPLIED
nohref ( nohref )               #IMPLIED
alt %Text.datatype;          #required
tabindex %Number.datatype;    #IMPLIED
accesskey %Character.datatype;  #IMPLIED
>

<!-- Server-side Image Map Module ................................. -->
<!ENTITY % xhtml-ssismap.module "INCLUDE" >
<!ENTITY % xhtml-ssismap.module;[
<!ENTITY % xhtml-ssismap.mod
PUBLIC "-//W3C//ELEMENTS XHTML Server-side Image Maps 1.0//EN"
"http://www.w3.org/MarkUp/DTD/xhtml-ssismap-1.mod" >
%xhtml-ssismap.mod;]]>

<!-- Param Element Module ......................................... -->
<!ENTITY % param.attlist "IGNORE" >
<!ENTITY % xhtml-param.module "INCLUDE" >
<!ENTITY % xhtml-param.module;[
<!ENTITY % xhtml-param.mod
PUBLIC "-//W3C//ELEMENTS XHTML Param Element 1.0//EN"
"http://www.w3.org/MarkUp/DTD/xhtml-param-1.mod" >
%xhtml-param.mod;]]>

<!ATTLIST %param.qname;
%XHTMLxmlns.attrib;
%id.attrib;
%MetaInformation.attrib;
href %URI.datatype;  #IMPLIED

B.4 SGML Open Catalog Entry for XHTML+RDFa

This section contains the SGML Open Catalog-format definition [SGML-CATALOG][p.60] of the public identifiers for XHTML+RDFa 1.1.

You can download this version of this file from DTD/xhtml-rdfa.cat. The latest version is available at [http://www.w3.org/MarkUp/DTD/xhtml-rdfa.cat](http://www.w3.org/MarkUp/DTD/xhtml-rdfa.cat)

```
-- File catalog ............................................................ --
-- XHTML+RDFa Catalog Data File
Revision: $Revision: 1.12 $
See "Entity Management", SGML Open Technical Resolution 9401 for detailed information on supplying and using catalog data. This document is available from OASIS at URL:
--
-- SGML declaration associated with XHTML .............................. --
OVERRIDE YES
SGMLDECL "xml1.dcl"
-- ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::: --
-- XHTML+RDFa modules ..................................................... --
PUBLIC "-//W3CWorld Wide Web//DTD XHTML+RDFa 1.0//EN"  "xhtml-rdfa-1.dtd"
PUBLIC "-//W3C//ENTITIES XHTML+RDFa Document Model 1.0//EN"  "xhtml-rdfa-model-1.mod"
```
C. Deployment Advice

This section is non-normative.

Documents written using the markup language defined in this specification can be validated using the DTD defined in Appendix A [p.39]. If a document author wants to facilitate such validation, they may include the following declaration at the top of their document:

```xml
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML+RDFa 1.1//EN"
  "http://www.w3.org/MarkUp/DTD/xhtml-rdfa-2.dtd">
```

The XML Namespace document associated with the XHTML Family of markup languages uses the mechanism for transforming XHTML+RDFa documents into RDF as defined by [GRDDL [p.59]]. Authors who want to be certain their documents are transformable by all [GRDDL [p.59]] processors may also include a profile attribute on the head element that includes a reference to the XHTML vocabulary URI http://www.w3.org/1999/xhtml/vocab.
D. Change History

This section is non-normative.

2010-02-25: First version of the split-out XHTML specialization.
E. Acknowledgments

This section is non-normative.

At the time of publication, the members of the RDFa Working Group were:

- Ben Adida, Creative Commons (Co-Chair)
- Benjamin Adrian, German Research Center for Artificial Intelligence (DFKI) GmbH
- Mark Birbeck, webBackplane.com (Invited Expert)
- Abhijit Galkward, Rochester Institute of Technology
- Markus Gylling, DAISY Consortium
- Ivan Herman, W3C
- Toby Inkster (Invited Expert)
- Shane McCarron, Applied Testing and Technology, Inc. (Invited Expert)
- Knud Möller (DERI Galway at the National University of Ireland)
- John O’Donovan, British Broadcasting Corporation
- Steven Pemberton, Centre for Mathematics and Computer Science (CWI)
- Jeffrey Sonstein, Rochester Institute of Technology
- Manu Sporny, Digital Bazaar (Co-Chair, Invited Expert)
- Robert Weir, IBM Corporation
F. References

F.1 Normative references


[RDDA-CORE] Shane McCarron, et al. [RDFa Core 1.1: Syntax and processing rules for embedding RDF through attributes]. April 2010. W3C Editor’s Draft. URL: http://www.w3.org/2010/02/rdfa/drafts


F.2 Informative references


F.2 Informative references

[SGML-CATALOG]

[XHTML-MEDIA-TYPES]

[XHTML-VOCAB]
XHTML 2 Working Group. [XHTML Vocabulary] URL: http://www.w3.org/1999/xhtml/vocab