RDF Site Summary 1.0 Modules: Content

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Version

Latest Version: http://purl.org/rss/1.0/modules/content/

DRAFT 2.01 2002-10-04 (Renamed headings - thanks, Bijan!) - ASw

DRAFT 2.0 2002-08-06 (Added content:encoded -- not yet approved; changed affiliation) - AS

1.02 2001-04-05 (Tweaked the copyright) as

1.01 2001-3-8 (Made content:encoding more clear) as

1.0 2001-3-8 (Approved by the WG and moved to standard)

DRAFT 0.4 2001-2-6 (Cleaned up syntax and added encoding) as

DRAFT 0.31 2000-12-26 (Updated stylesheet) as

DRAFT 0.3 2000-12-13 (Removed content:stylesheet attribute; changed content:format to an rdf:resource) as

DRAFT 0.2 2000-08-17 (Added content:stylesheet attribute) as

DRAFT 0.1 2000-08-16

Status

Section one is official, approved 2001-3-1.
Section two is a draft, please send feedback to Aaron or the list.

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Description

A module for the actual content of websites, in multiple formats.

Namespace Declarations

- **xmlns:content="http://purl.org/rss/1.0/modules/content/"**

Updated Syntax

This section is a draft and has not yet been approved by the WG.

content:encoded

An element whose contents are the entity-encoded or CDATA-escaped version of the content of the item. Example:

```
<content:encoded><![CDATA[<p>What a <em>beautiful</em> day!</p>]]></content:encoded>
```

Example

```
<?xml version="1.0" encoding="utf-8"?>

<rdf:RDF
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:content="http://purl.org/rss/1.0/modules/content/"
  xmlns="http://purl.org/rss/1.0/"
>

  <channel rdf:about="http://example.org/rss.rdf">
    <title>Example Feed</title>
    <link>http://www.example.org</link>
    <description>Simply for the purpose of demonstration.</description>

    <items>
      <rdf:Seq>
        <rdf:li resource="http://example.org/item/" />
      </rdf:Seq>
    </items>

  </channel>

  <item rdf:about="http://example.org/item/">
    <title>The Example Item</title>
    <link>http://example.org/item/</link>
    <content:encoded><![CDATA[<p>What a <em>beautiful</em>
day!</p>]]></content:encoded>
  </item>
</rdf:RDF>
```

Original Syntax

content:items

content:items is a sub-element of an RSS item or channel. It is used as follows:

```
<content:items>
  <rdf:Bag>
    <rdf:li>
      <content:item>
```

```
        <!-- Use content:item as described below -->
      </content:item>
    </rdf:li>
    <!-- Optionally, include as many more content:item elements as needed. -->
  </rdf:Bag>
</content:items>
```

content:item

A content:item describes a single version of the content for its parent item. If the content is available on the Web at a specific address, content:item has an rdf:about attribute containg the URI of the content.

```
<!-- Without a URI: -->
<content:item>
  <!-- information about the item goes here -->
</content:item>

<!-- With a URI: -->
<content:item rdf:about="http://example.org/item/content.png">
  <!-- information about the item goes here -->
</content:item>
```

A content:item can include the following sub-elements:

content:format

Required. An empty element with an rdf:resource attribute that points to a URI representing the format of the content:item. Suggested best practice is to use the list of RDDL natures.

```
<content:format rdf:resource="http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict" />
```

rdf:value

Required if no URI is defined for the content:item. Includes the content of the content:item. This is encoded as specified by content:encoding. If the content is included as unencoded XML, then the attribute rdf:parseType="Literal" should be used as to not confuse RDF parsers.

content:encoding

Optional. An empty element with an rdf:resource attribute that points to a URI representing the encoding of the content:item. An encoding is a reversable method of including content within the RSS file.

If no encoding is specified, it should be assumed that the content is included as character data, like so:

```
<rdf:value>This is &lt;em&gt;very&lt;/em&gt; cool.</rdf:value>
```

or

```
<rdf:value><![CDATA[This is <em>very</em> cool.]]></rdf:value>
```

If the document is encoded as well-formed XML, the URI http://www.w3.org/TR/REC-xml#dt-wellformed should be used. An example of well-formed XML is:

```
<rdf:value>This is <em>very</em> cool.</rdf:value>
```

An example of a content:encoding exlement is:

```
<content:encoding rdf:resource="http://www.w3.org/TR/REC-xml#dt-wellformed" />
```

Example

```
<?xml version="1.0" encoding="utf-8"?>

<rdf:RDF
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:content="http://purl.org/rss/1.0/modules/content/"
  xmlns="http://purl.org/rss/1.0/"
>

  <channel rdf:about="http://example.org/rss.rdf">
    <title>Example Feed</title>
    <link>http://www.example.org</link>
    <description>Simply for the purpose of demonstration.</description>

    <items>
      <rdf:Seq>
        <rdf:li resource="http://example.org/item/" />
      </rdf:Seq>
    </items>

  </channel>

  <item rdf:about="http://example.org/item/">
    <title>The Example Item</title>
    <link>http://example.org/item/</link>
    <content:items><rdf:Bag>
      <rdf:li><content:item>
        <content:format rdf:resource="http://www.w3.org/1999/xhtml" />
        <content:encoding rdf:resource="http://www.w3.org/TR/REC-xml#dt-wellformed"
/>
        <rdf:value rdf:parseType="Literal" xmlns="http://www.w3.org/1999/xhtml">
          <em>This is <strong>very</strong></em> <strong>cool</strong>.
        </rdf:value>
      </content:item></rdf:li><rdf:li><content:item>
        <content:format rdf:resource="http://www.w3.org/TR/html4/" />
        <rdf:value><![CDATA[<em>This is<strong>very</em>
cool</strong>.]]></rdf:value>
      </content:item></rdf:li><rdf:li><content:item
rdf:about="http://example.org/item/content-here.txt">
        <content:format
rdf:resource="http://www.isi.edu/in-notes/iana/assignments/media-types/text/plain" />
        <rdf:value>This is &gt;very cool&lt;.</rdf:value>
      </content:item></rdf:li><rdf:li><content:item
rdf:about="http://example.org/item/content.svg">
        <content:format rdf:resource="http://www.w3.org/2000/svg" />
      </content:item></rdf:li>
    </rdf:Bag></content:items>

  </item>

</rdf:RDF>
```