

---

# The Rivendell "rivendell" Namespace

Version 0.1

Fred Gleason

Copyright © 2023 Fred Gleason

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.3 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts.

## Table of Contents

Overview .....	1
Namespace Declaration .....	1
Fields .....	1
Example .....	1

## Overview

The "superfeed" XML namespace adds support for additional fields used by Rivendell RSS podcasting report generation. Its use is limited to internal documents generated within Rivendell.

## Namespace Declaration

The namespace declaration is:

```
xmlns:rivendell="http://www.rivendellaudio.org/dtds/rivendell-0.1.dtd"
```

## Fields

The namespace adds the following fields:

<code>&lt;item rivendell:id=<i>id</i>&gt;</code>	This attribute is added to the <code>&lt;channel&gt;</code> and <code>&lt;item&gt;</code> tags. It is a unique unsigned integer ID that associates the object to a record in the FEEDS and PODCASTS database tables, respectively.
<code>&lt;item rivendell:status=<i>class-</i> <i>name</i>&gt;</code>	This attribute is added to the <code>&lt;item&gt;</code> tag. It indicates a class name to use for this item when rendering reports.

## Example

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

```
<rss version="2.0" xmlns:itunes="http://www.itunes.com/dtds/podcast-1.0.dtd" xmlns:content="http://purl.org/rss/1.0/mod  
<channel rivendell:id="1234">  
  <title>Rivendell Radio Automation</title>
```

```
<description>All about the Rivendell Radio Automation System</description>
<itunes:summary>All about the Rivendell Radio Automation System</itunes:summary>
<category>Technology</category>
<link>http://feeds.example.com/rivendel</link>
<language>en-us</language>
<copyright>© 2020 John Q. Author</copyright>
<lastBuildDate>Thu, 4 Jun 2020 12:18:54 GMT</lastBuildDate>
<pubDate>Thu, 21 May 2020 10:43:55 GMT</pubDate>
<managingEditor>editor@example.com</managingEditor>
<webMaster>webmaster@example.com</webMaster>
<generator>Rivendell 3.3.0int1</generator>
<image>
  <url>http://feeds.example.com/rivendel/img000022_000038.png</url>
  <title>Rivendell Radio Automation</title>
  <link>http://feeds.example.com/rivendel</link>
  <width>2048</width>
  <height>2048</height>
  <description>The Rivendell Icon</description>
</image>
<atom:link href="http://feeds.example.com/rivendel/RIVENDEL.rss" rel="self" type="application/rss+xml" />
<itunes:author>author@example.com</itunes:author>
<itunes:type>episodic</itunes:type>
<itunes:owner>
  <itunes:name>John Q. Author</itunes:name>
  <itunes:email>fredg@paravelsystems.com</itunes:email>
</itunes:owner>
<itunes:image href="http://feeds.example.com/rivendel/img000022_000038.png" />
<itunes:category text="Technology" />
<itunes:explicit>>false</itunes:explicit>
<item rivendell:id="4321" rivendell:class="active-rounded-block">
  <superfeed:channelTitle>RDAirPlay</superfeed:channelTitle>
  <superfeed:channelDescription>All about RDAirPlay in Rivendell</superfeed:channelDescription>
  <title>Thurber Jewelers</title>
  <itunes:title>Thurber Jewelers</itunes:title>
  <link>http://feeds.example.com/airplay</link>
  <guid isPermaLink="false">http://feeds.example.com/airplay/000019_000026.mp3_000019_000026</guid>
  <description>All about RDAirPlay in Rivendell</description>
  <itunes:summary>All about RDAirPlay in Rivendell</itunes:summary>
  <author>someone@example.com (John Q. Author)</author>
  <itunes:author>someone@example.com (John Q. Author)</itunes:author>
  <comments>http://feeds.example.com/airplay</comments>
  <source url="http://feeds.example.com/airplay/RIVENDEL">Rivendell Radio Automation</source>
  <enclosure url="http://feeds.example.com/airplay/000019_000026.mp3" length="170496" type="audio/mpeg" />
  <category>Technology</category>
  <pubDate>Thu, 21 May 2020 20:31:26 GMT</pubDate>
  <itunes:duration>14</itunes:duration>
  <itunes:image href="http://feeds.example.com/airplay/img000019_000024.png" />
  <itunes:explicit>>false</itunes:explicit>
</item>
<item rivendell:id="4322" rivendell:class="active-rounded-block">
  <superfeed:channelTitle>RDCartSlots</superfeed:channelTitle>
  <superfeed:channelDescription>All channel all about RDCartSlots!</superfeed:channelDescription>
  <title>Liberty Tax</title>
  <itunes:title>Liberty Tax</itunes:title>
```

```
<link>http://feeds.example.com</link>
<guid isPermaLink="false">http://feeds.example.com/cartslts/000025_000025.mp3_000025_000025</guid>
<description>The Liberty tax advisors.</description>
<itunes:summary>The Liberty tax advisors.</itunes:summary>
<author>someone@example.com (John Q. Author)</author>
<itunes:author>someone@example.com (John Q. Author)</itunes:author>
<comments>http://feeds.example.com/cartslts</comments>
<source url="http://feeds.example.com/cartslts/RIVENDEL">Rivendell Radio Automation</source>
<enclosure url="http://feeds.example.com/cartslts/000025_000025.mp3" length="369216" type="audio/mpeg" />
<category>Technology</category>
<pubDate>Thu, 21 May 2020 19:17:26 GMT</pubDate>
<itunes:duration>15</itunes:duration>
<itunes:image href="http://feeds.example.com/cartslts/img000025_000037.png" />
<itunes:explicit>>false</itunes:explicit>
</item>
<item>
  <superfeed:channelTitle>RDLlibrary</superfeed:channelTitle>
  <superfeed:channelDescription>A channel all about RDLlibrary</superfeed:channelDescription>
  <title>The Peanut Shoppe</title>
  <itunes:title>The Peanut Shoppe</itunes:title>
  <link>http://feeds.example.com/library</link>
  <guid isPermaLink="false">http://feeds.example.com/library/000024_000024.mp3_000024_000024</guid>
  <description>A trip to a peanut and candy shop in downtown Wadsworth OH.</description>
  <itunes:summary>A trip to a peanut and candy shop in downtown Wadsworth OH.</itunes:summary>
  <author>someone@example.com (John Q. Author)</author>
  <itunes:author>someone@example.com (John Q. Author)</itunes:author>
  <comments>http://feeds.example.com/library</comments>
  <source url="http://feeds.example.com/library/RIVENDEL">Rivendell Radio Automation</source>
  <enclosure url="http://feeds.example.com/library/000024_000024.mp3" length="196992" type="audio/mpeg" />
  <category>Technology</category>
  <pubDate>Thu, 21 May 2020 19:14:53 GMT</pubDate>
  <itunes:duration>16</itunes:duration>
  <itunes:image href="http://feeds.example.com/library/img000024_000036.png" />
  <itunes:explicit>>false</itunes:explicit>
</item>
</channel>
</rss>
```