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# The Rivendell "superfeed" Namespace

Version 0.1

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## 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 Superfeed RSS podcasting functionality.

## Namespace Declaration

The namespace declaration is:

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

## Fields

The namespace adds the following fields:

<code>&lt;channelTitle&gt;</code>	The value of the <code>&lt;title&gt;</code> field from the <code>&lt;channel&gt;</code> section of the underlying elemental feed.
<code>&lt;channelDescription&gt;</code>	The value of the <code>&lt;description&gt;</code> field from the <code>&lt;channel&gt;</code> section of the underlying elemental feed.

## Example

The following example posits the existence of two elemental feeds, AIRPLAY, CARTSLTS and LIBRARY; each containing a single post. A superfeed, called RIVENDEL and consisting of those three elemental fields would look like this:

```
<?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>
  <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>
    <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>
    <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>RDLibrary</superfeed:channelTitle>
  <superfeed:channelDescription>A channel all about RDLibrary</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>
```