MRSS Template Channel

This template channel provides a foundation for rapid development of Roku DVP channels based on MRSS feeds. MRSS should not be confused with iTunes style podcast feeds or RSS 2.0 with enclosures. While this template does include rudimentary support for RSS enclosures, its main function is to deliver content via MRSS.

This document assumes the reader has a working knowledge of MRSS (http://video.search.yahoo.com/mrss) and OPML (http://en.wikipedia.org/wiki/OPML).

The channel can be customized via the config.opml file. Each <outline> element subordinate to the <body> element represents a collection of content delivered by a single MRSS feed. If the <body> element contains exactly one <outline> element, on launch the channel will immediately display an episode style poster screen containing the contents of that MRSS file. When more than on <outline> elements exist, the channel will display a category style poster screen with one item per <outline> element. You may nest <outline> elements to create a multi-level navigation experience.

You can customize the color scheme of the channel using the following attributes of the <body> element. Each attribute can have any hexadecimal HTML color code as a value:

- backgroundColor
- leftBreadcrumbColor
- rightBreadcrumbColor
- posterScreenTitleColor
- posterScreenSubtitleColor
- posterScreenSynopsisColor
- springboardScreenTitleColor
- springboardScreenSynopsisColor
- springboardScreenActorColor
- springboardScreenDirectorColor
- springboardScreenDateColor

The <outline> element supports the following attributes:

- **title**: displayed below the item's poster image on the posters screen
- **subtitle**: displayed below the item's title on the poster screen
- **img**: the absolute URL to an image to be used as the item's poster image
- **url**: the absolute URL to the MRSS feed that contains the content for the item

The channel supports the following MRSS elements:

- <media:content>

- <media:content> elements may be subordinate to the <item> element or subordinate to a <media:group> element with is subordinate to the <item> element
- The channel supports the following attributes of the <media:content> element
  - **url**: the absolute URL to a video
  - **bitrate**: used to support multi-bitrate features
  - **duration**: displayed on the springboard screen
  - **height**: used to determine HD-ness of the content
- in the absence of any <media:content> elements, the channel will look for an <enclosure> elements
- <media:title>
  - The <media:title> element should be subordinate to the <item> element. In the absence of the <media:title> element, the channel will use the contents of the <title> element
- <media:description>
  - The <media:description> element should be subordinate to the <item> element. In the absence of the <media:description> element, the channel will use the contents of the <description> element
- <media:thumbnail>
  - The <media:thumbnail> element should be subordinate to the <item> element.
- <media:category>
- <media:rating>
  - The <media:rating> element should have a value that corresponds to an MPAA or V-Chip style content rating. This value will be displayed on the springboard screen
- <media:credit>
  - When a <media:credit> element's role attribute has a value of "actor", the contents of that element will be displayed as part of the actor list on the springboard
  - When a <media:credit> element's role attribute has a value of "director", the contents of that element will be displayed as the director on the springboard
  - <media:credit> elements with other values for their role attribute will be ignored
- <pubdate>
  - MRSS has no release date element, so the channel will display the contents of the item's <pubdate> element on the springboard screen