

- a. LIS 632 PodcastRE Team Metadata Element Set
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Element Name	Podcast/Episode/Both	Sub-Elements	Required	CV	Encoding	Amount	Source
itemInfo	Both	ID, type	Yes		ISO 10646	1	
-ID	Both	None	Yes	xxxxxxxxxx(x is alphanumeric lowercase)	ISO 10646	1	PodcastRE Database For Podcasts use the podcastDescriptionID element For Episodes use the episodeDescriptionID element
-type	Both	None	Yes	podcast or episode	ISO 10646	1	RSS feed If the metadata is coming in from the <channel> level use podcast and from the <item> level use episode.
podcastRssUrl	Podcast	None	Yes		ISO 10646	1	PodcastRE Database podcasts table, rssURL column
podcastLanguage	Podcast	None	Recommended	ISO 639x	ISO 10646	Repeatable	RSS feed <channel><language>
podcastItunesID	Podcast	None	Recommended	(In a defined format from Apple, but since they are a black box we do not know the format)	ISO 10646	1	PodcastRE Database podcasts table, iTunesID column or the trackID element of the JSON result from a search made via the iTunes Search API using the following call: <a href="https://itunes.apple.com/search?term={podcastNameNoBrackets}&amp;media=podcast">https://itunes.apple.com/search?term={podcastNameNoBrackets}&amp;media=podcast</a> More information about the Search API here: <a href="https://affiliate.itunes.apple.com/resources/documentation/itunes-store-web-service-search-api/">https://affiliate.itunes.apple.com/resources/documentation/itunes-store-web-service-search-api/</a>
titleInfo	Both	title, subtitle	Required		ISO 10646	1	
-title	Both	None	Required		ISO 10646	1	RSS feed for podcasts <channel><title> for episodes <item><title>
-subtitle	Both	None	If Available		ISO 10646	1	RSS feed for podcasts <channel><iTunesSubtitle> for episodes <item><iTunesSubtitle>
descriptionInfo	Both	(summary, description)	Recommended		ISO 10646	1	
-summary	Both	None	Recommended		ISO 10646	1	RSS feed for podcasts <channel><itunes:summary> for episodes <item><itunes:summary>

-description	Both	(plainText, htmlEncoded)	Recommended		ISO 10646	1	
—plainText	Both	None	Recommended		ISO 10646	1	RSS feed for podcasts <channel><description> for episodes <item><description>
—htmlEncoded	Episode	None	If Available		ISO 10646	1	RSS feed <item><content:encoded>
contributorInfo	Both	name, role	Recommended		ISO 10646	Repeatable	
-name	Both	None	If Used		ISO 10646	1	Metadata Expert. Potential sources for the metadata expert in the RSS feed(non-exclusive) For podcasts: <channel><itunes:author>, <channel><managingEditor>, <channel><itunes:owner><itunes:name>; For episodes: <item><author>, <item><itunes:author>, <item><itunes:summary>, <item><description>, <title>.
-role	Both	None	Recommended	PBCore contributor role list <a href="http://metadataaregistry.org/concept/list/vocabulary_id/127.html">http://metadataaregistry.org/concept/list/vocabulary_id/127.html</a>	ISO 10646	Repeatable	Metadata Expert
podcastImage	Podcast	None	Recommended		ISO 10646 URL	1	RSS feed <channel><itunes:image>
siteURL	Both	None	If Available		ISO 10646 URL	Repeatable	RSS feed for podcasts <channel><link> or metadata expert for episodes <item><link> or metadata expert
podcastForm	Podcast	None	If Available	Episodic or Serial	ISO 10646	1	RSS feed <channel><itunes:type>
podcastCopyright	Podcast	None	If Available		ISO 10646	1	RSS feed <channel><copyright>
rating	Both	None	Recommended	Clean or Explicit	ISO 10646	1	RSS feed for podcasts <channel><itunes:explicit> for episodes <item><itunes:explicit>

podcastCategory	Podcast	None	Recommended	<a href="https://help.apple.com/itc/podcasts_connect/#/itc9267a2f12">https://help.apple.com/itc/podcasts_connect/#/itc9267a2f12</a>	ISO 10646	Repeatable	RSS feed <channel><itunes:category> and <channel><googleplay:category>
keyword	Both	None	If Available		ISO 10646	Repeatable	RSS feed for podcasts <channel><itunes:keywords> for episodes <item><itunes:keywords> or <item><category>
ingestInfo	Both	podcastIngestSource, ingestDate	Required		ISO 10646		
-podcastIngestSource	Podcast	None	Required	See Attached Sheet	ISO 10646	1	PodcastRE Database podcastSources table
-ingestDate	Both	None	Required		ISO 8601 Datetime	1	PodcastRE Table for podcasts podcastDescriptions table podcastUpdateDate field for episodes episodeDescriptions table episodeUpdateDate field
podcastNetworkInfo	Podcast	(advertisingNetwork, distributionNetwork, productionNetwork)	Recommended		ISO 10646	1	
-advertisingNetwork	Podcast	(name, Link)	If Available		ISO 10646	Repeatable	
—name	Podcast	None	Required If Using		ISO 10646	1	Metadata Expert, but sometimes it can be found in the RSS feed under <itunes:author>, <itunes:owner>, and <managingEditor> elements.
—link	Podcast	None	If Available		ISO 10646	1	Metadata Expert
-distributionNetwork	Podcast	(name, Link)	If Available		ISO 10646	Repeatable	
—name	Podcast	None	Required If Using		ISO 10646	1	Metadata Expert, but sometimes it can be found in the RSS feed under <itunes:author>, <itunes:owner>, and <managingEditor> elements.
—link	Podcast	None	If Available		ISO 10646	1	Metadata Expert
-productionNetwork	Podcast	(name, Link)	Recommended		ISO 10646	Repeatable	
—name	Podcast	None	Required If Using		ISO 10646	1	Metadata Expert, but sometimes it can be found in the RSS feed under <itunes:author>, <itunes:owner>, and <managingEditor> elements.
—link	Podcast	None	If Available		ISO 10646	1	Metadata Expert
episodeDetailInfo	Episode	(type, format, season, number)	Recommended		ISO 10646		

-type	Episode	None	Recommended if support, otherwise If Available	(full, trailer, bonus, support)	ISO 10646	1	RSS feed <item><itunes:episodeType> or metadata expert if the file related to the episode is not audio-visual media.
-format	Episode	None	Recommended	DCMI Type	ISO 10646	1	Metadata Expert, but can often be determined from the type tag in the <enclosure> element from the RSS feed.
-season	Episode	None	If Available	numeric, positive non-decimal	ISO 10646	1	RSS feed <item><itunes:season> or metadata expert
-number	Episode	None	If Available	numeric, positive non-decimal	ISO 10646	1	RSS feed <item><itunes:episode> or metadata expert
episodePublicationDate	Episode	None	Recommended		ISO 8601 Datetime	1	RSS feed <item><pubDate>
episodeFileInfo	Episode	(fileURL, fileSize, fileType, fileDownloadDate, fileName, fileStorageInfo)	Required		ISO 10646	1	
-fileURL	Episode	None	Required		ISO 10646	1	RSS feed <item><enclosure url="value">
-fileSize	Episode	None	Recommended		ISO 10646	1	PodcastRE File System
-fileType	Episode	None	Recommended	<a href="https://en.wikipedia.org/wiki/List_of_file_formats">https://en.wikipedia.org/wiki/List_of_file_formats</a>	ISO 10646	1	PodcastRE File System
-fileDownloadDate	Episode	None	Recommended		ISO 8601 Datetime	1	PodcastRE Database downloads table, successDate field
-fileOriginalName	Episode	None	Recommended		ISO 10646	1	PodcastRE Database episodeDescriptions table, mediaFileName field
-fileStorageInfo	Episode	(fileLocation, fileInternalName)	Recommended		ISO 10646	1	
—fileLocation	Episode	None	Required If Using		ISO 10646	1	PodcastRE File System
—fileInternalName	Episode	None	Required If Using		ISO 10646	1	PodcastRE File System
episodeDuration	Episode	None	If Available		ISO 8601 Duration	1	Metadata expert
relationsInfo	Both	relatedItemInfo	Required if Episode,		ISO 10646	1	

			Recommended if Podcast				
-relatedItemInfo	Both	relatedItemID, relatedItemName, relationType	1 Required if Episode, Recommended if Podcast		ISO 10646	Repeatable	metadata expert
—relatedItemID	Both	None	Required If Using	xxxxxxxx(x is alphanumeric lowercase)	ISO 10646	1	metadata collection
—relatedItemType	Both	None	Required If Using	podcast or episode	ISO 10646	1	metadata collection
—relationType	Both	None	Required If Using	oldVersion, newVersion, parent, sibling, support	ISO 10646	1	metadata expert
podcastOwnerInfo	Podcast	podcastOwnerName, podcastOwnerEmail	Recommended			1	
-podcastOwnerName	Podcast	None	Required if using			1	RSS feed <channel><itunes:owner><itunes:name>
-podcastOwnerEmail	Podcast	None	Recommended			1	RSS feed <channel><itunes:owner><itunes:email>

## Explanation of Element Set and Content Guidelines

Guidelines for the creation of metadata are expressed in the description for each element. In general, the majority of elements should utilize information as it appears in the RSS feed. Elements appear in their nesting order. When the information being cataloged cannot be pulled from the RSS feed or the PodcastRE database and file system, a metadata expert will apply the appropriate tags and information using the following guidelines and suggestions.

- **itemInfo:**

- **ID:** An integer value used to identify items among others of the same item type. These values should be unique among items of the same type but there can be overlap among different types. A podcast could have the same ID as an episode, but an episode can not have the same ID as another episode.

- Data source: PodcastRE Database. For podcasts, use the podcastDescriptionID element; for episodes, use the episodeDescriptionID element.

- **type:** The type of an item. The value must be either “podcast” or “episode.”

- Data source: RSS feed. If the metadata is coming from the <channel> level, use “podcast”; if it is coming from the <item> level, use “episode.”

- **podcastRssUrl:** The URL where the RSS feed for a podcast lives. Only use if <itemInfo><type> value is "podcast." Enter podcast's RSS feed URL. If multiple RSS feeds exist, use the secure version of RSS feed beginning with https://. This is because, as the Chief Information Officers Council of the U.S. Government says, "there is no such thing as non-sensitive web traffic"(Why is HTTPS for Everything?, n.d.) and the W3C is actively trying to push the web to https-only (Nottingham, 2015). It is possible for two podcasts in a collection to have the same RSS feed. This is due to the not uncommon practice of a creator ending one podcast and then starting a new one using the same RSS feed. For example, this recently happened when 538 ended their sports podcast *Hot Takedown* and then started an NBS podcast called *The Lab* in the same feed (Fagan, Matlin, & Payne, 2017).

- Data source: PodcastRE Database: podcasts table, rssURL column.

- **podcastLanguage:** The primary language of a podcast as designated by its creator. Enter the primary language of the podcast using ISO639x standard naming conventions for languages. Only use if <itemInfo><type> value is "podcast." Use values from Microsoft's Table of Language Culture Names, Codes, and ISO Values, [https://msdn.microsoft.com/en-us/library/ee825488\(v=cs.20\).aspx](https://msdn.microsoft.com/en-us/library/ee825488(v=cs.20).aspx).

- Data source: RSS feed: <channel><language>

- **podcastItunesID:** The ID used for a podcast within Apple's iTunes system. Only use if <itemInfo><type> value is "podcast." Not all podcasts have been submitted to iTunes, so not all shows will have an iTunes ID. Also, due to how an RSS feed can, over time, be the home to more than one podcast and iTunesIDs are RSS-specific, it is possible for more than one podcast to have the same iTunesID in our element set. If a podcast is in iTunes, it is highly recommended to include the iTunes ID.

- Data source: PodcastRE Database: podcasts table, iTunesID column, or the trackID element of the JSON result from a search made via the iTunes Search API using the following call: “<https://itunes.apple.com/search?term={podcastNameNoBrackets}&media=podcast>”; More information about the Search API here:

<https://affiliate.itunes.apple.com/resources/documentation/itunes-store-web-service-search-api/>

- **titleInfo:** A container for title information about an item in the collection. Use the spelling and format of the title and subtitle as they appear in the podcast's RSS feed.

- **title:** The title of a podcast or episode.

- Data source: RSS feed. For podcasts, use value in <channel><title>; for episodes, use value in <item><title>.

- **subtitle:** The subtitle of a podcast or episode.

- Data source: RSS feed. For podcasts, use value in <channel><iTunesSubtitle>; for episodes, use value in <item><iTunesSubtitle>.

- **descriptionInfo**: A container for information describing an item in the collection. Use the description as it appears in the podcast's RSS feed. If no description is provided, write a brief sentence including the names of the hosts and the subject of the podcast.
  - **summary**: A short account of the contents of a podcast or episode.
    - Data source: RSS feed. For podcasts: <channel><itunes:summary>; for episodes: <item><itunes:summary>
  - **description**: A container for the descriptions of an item in the collection.
    - plainText: A more in-depth account of the contents of a podcast or episode.
      - Data source: RSS feed. For podcasts: <channel><description>; for episodes: <item><description>
    - htmlEncoded: Only use if <itemInfo><type> value is "podcast." Use the html-encoded description as it appears in the podcast's RSS feed.
      - Data source: RSS feed: <item><content:encoded>
- **contributorInfo**: A container for information about the people and organizations who contributed to a podcast or episode.
  - **name**: Names of people and organizations who took part in making a podcast or episode. It is common for the names of contributors to be listed in various fields in the RSS feed. These can range everywhere from <itunes:author> to <managingEditor> to <description> to <title>. In many shows they will also be listed in the credits at the end of an episode or during the lead in at the top of an episode. Often it is necessary to look for information outside of the RSS or episode for this information. A podcast's show page is one good resource for finding this information, as is the new podDb, <https://www.poddb.me/>, which is trying to emulate imdb for podcasts.
    - Data source: metadata expert. Potential sources for the metadata expert in the RSS feed(non-exclusive) For podcasts: <channel><itunes:author>, <channel><managingEditor>, <channel><itunes:owner><itunes:name>; For episodes: <item><author>, <item><itunes:author>, <item><itunes:summary>, <item><description>, <title>.
  - **role**: How the person or organization contributed to a podcast or episode. Picking apart contributor roles is hard, especially at the podcast level, as they change over time. Interns become producers, who become editors, for example. Draw the most current contributor roles from the podcast's website or from an episode's end credits, which are the best resources for determining this information. Use values from the PBCore contributor role list: [http://metadataregistry.org/concept/list/vocabulary\\_id/127.html](http://metadataregistry.org/concept/list/vocabulary_id/127.html).
    - Data source: metadata expert.
- **podcastImage**: The URL for where a podcast's logo image is stored. Only use if <itemInfo><type> value is "podcast." Use a URL where the podcast's logo image is stored. If multiple URLs exist, utilizing a secure URL beginning with https:// is recommended.
  - Data source: RSS: <channel><iTunes:image>
- **siteURL**: The link for a site about an item. The links contained in an RSS feed are not always to the main site about a podcast or episode, as they are related to the site where the RSS feed is generated. Some shows use a different site for RSS generation than their main show page. For example <https://www.flophousepodcast.com/> is the main site for *The Flophouse*, but episodes of the podcast link to libsyn pages like <https://theflophouse.libsyn.com/ep-252-the-book-of-henry-live> instead of <https://www.flophousepodcast.com/2018/03/episode-252-the-book-of-henry-live/>. Utilize the URL for the podcast's main website. If multiple URLs exist, utilizing a secure URL beginning with https:// is recommended.
  - Data source: RSS feed. For podcasts: <channel><link>, or metadata expert; for episodes <item><link>, or metadata expert.
- **podcastForm**: Information about how a podcast's episodes are connected. Only use if <itemInfo><type> value is "podcast."
  - Data source: RSS feed: <channel><itunes:type>
- **podcastCopyright**: The copyright declaration for a podcast. Only use if <itemInfo><type> value is "podcast."
  - Data Source: RSS feed: <channel><copyright>

- **Rating:** A content rating for an item. In RSS feeds, this field has 4 typical entries: “yes,” “no,” “clean,” and “explicit.” Do not use this field if the value is “no” as that does not guarantee an episode is clean. For “yes,” use “explicit.”
  - Data source: RSS feed. For podcasts: <channel><itunes:explicit>; for episodes: <item><itunes:explicit>
- **podcastCategory:** The general topic of a podcast. Only use if <itemInfo><type> value is “podcast.” iTunes allows for three categories for a podcast and Google Play allows for one. There is usually overlap between iTunes and Google Play, as they use the same controlled list.
  - Data source: RSS feed: <channel><itunes:category> and <channel><googleplay:category>
- **Keyword:** Specific topics of an item in the collection. iTunes deprecated keywords a few years ago, so keywords are not as prevalent in RSS feeds as they once were, especially on the podcast level. However, most RSS generators automatically attach site tags as keywords or categories on an episode level.
  - Data source: RSS feed. For podcasts: <channel><itunes:keywords>; for episodes: <item><itunes:keywords> or <item><category>
- **ingestInfo:** A container for how the item came into the collection.
  - **podcastIngestSource:** Information about where the RSS feed which was added to the collection came from. Only use if <itemInfo><type> value is “podcast.” Use podcastIngestSource CV.
    - Data source: PodcastRE Database: podcastSources table
  - **ingestDate:** The date an item was added to the collection.
    - Data source: PodcastRE Table. For podcasts: podcastDescriptions table, podcastUpdateDate field; for episodes: episodeDescriptions table, episodeUpdateDate field
- **podcastNetworkInfo:** A container for information about a podcast's networks. Only use if <itemInfo><type> value is “podcast.” It is not uncommon for the same network to be listed two or three times within one podcast's network information.
  - **advertisingNetwork:** A container for information about a podcast's advertising network. Examples include Midroll or PodcastOne.

- Name: The name for a podcast's advertising network. Utilize the network's legal name.
      - Data Source: primarily metadata expert, but sometimes it can be found in the RSS feed under <itunes:author>, <itunes:owner>, and <managingEditor> elements.
    - Link: The link to the website of a podcast's advertising network. Express as a URL.
      - Data Source: metadata expert.
  - **distributionNetwork:** A container for information about a podcast's distribution network.
    - name: The name for a podcast's distribution network. Utilize the network's legal name.
      - Data source: primarily metadata expert, but sometimes it can be found in the <itunes:author>, <itunes:owner>, and <managingEditor> elements.
    - Link: The link to the web site of a podcast’s distribution network.
      - Data source: metadata expert.
  - **productionNetwork:** A container for information about a podcast’s production network.
    - name: The name of a podcast's production network. Utilize the network's legal name.
      - Data source: primarily metadata expert, but sometimes it can be found in the <itunes:author>, <itunes:owner>, and <managingEditor> elements.
    - link: The link to the web site of a podcast's production network.
      - Data source: metadata expert.
- **episodeDetailInfo:** A container for information about an episode's details. Only use if <itemInfo><type> value is “episode.”
  - type: The style of content of the episode. The <itunes:episodeType> is a new field in the iTunes RSS namespace and is not commonly used in RSS feeds as of yet. This means that the most common use of this field will be for support episodes. The easiest way of determining if an episode is of type support would be at the element of fileType; if it is not audio-visual, assign the episode the type of ‘support.’
    - Data source: RSS feed: <item><itunes:episodeType> or metadata expert if the file related to the episode is not audio-visual media.



- **format:** The episode’s media type. The easiest method of determining this value would be to use the DCMI Type for the episode’s file.
  - Data source: Primarily metadata expert, but can often be determined from the type tag in the <enclosure> element from the RSS feed.
- **season:** The season of the podcast in which an episode occurs. The <itunes:season> field is a new field in the iTunes RSS namespace and is not commonly used in RSS feeds as of yet. Before it was introduced, creators often put the season in an episode's title or within its description.
  - Data source: RSS feed: <item><itunes:season>, or metadata expert.
- **number:** The number the episode is within the season in which it occurs. The <itunes:episode> field is a new field in the iTunes RSS namespace and is not commonly used in RSS feeds as of yet. Before it was introduced creators often put the number in an episode's title or within its description.
  - Data source: RSS feed: <item><itunes:episode>, or metadata expert.
- **episodePublicationDate:** The date on which an episode was published. Only use if <itemInfo><type> value is “episode.”
  - Data source: RSS feed: <item><pubDate>
- **episodeFileInfo:** A container for information about a file related to an episode. Only use if <itemInfo><type> value is “episode.”
  - **fileURL:** The url for the download location of an episode's file.
    - Data source: RSS feed: <item><enclosure url="value">
  - **fileSize:** The size in bytes of the file related to an episode.
    - Data source: PodcastRE file system.
  - **fileType:** The file format of the file related to an episode.
    - Data source: PodcastRE file system.
  - **fileDownloadDate:** The date that the file was downloaded and stored in the collection.
    - Data Source: PodcastRE Database: downloads table, successDate field
  - **fileOriginalName:** The name given to a file by its creator before storage in the collection.
    - Data source: PodcastRE Database: episodeDescriptions table, mediaFileName field.
- **fileStorageInfo:** A container for information about internal storage of an episode's file.
  - **fileLocation:** The folder in which a file is stored. The folder structure is ~/podcastID/podcastDescriptionID/.
    - Data source: PodcastRE file system.
  - **fileInternalName:** The internal name under which a file is stored. The file name is its episodeDescriptionID, followed by the extension used on the file when it was downloaded.
    - Data source: PodcastRE file system.
- **episodeDuration:** The duration of an episode expressed in 00:00:00. This will only be available if the file related to an episode is audio-visual.
  - Data source: Metadata expert, since the values in the <itunes:duration> element are not reliable due to dynamic ad insertion and the ability to change files in the initial post.
- **relationsInfo:** A container for information about other items in the collection related to an item. For podcasts, the relations are for different versions of the same podcast, such as when a title changes or for podcasts that use the same RSS feed. For episodes, always relate them to the podcast from which they came. Also, define relations for different versions of an episode, such as those where the title changed or the related file is changed, multi-part episodes, or for episodes or other documents that are included as episodeSupport.
  - **relatedItemInfo:** A container for information about a specific related item.
    - **relatedItemID:** The ID used for the item in the collection.
      - Data source: metadata expert.
    - **relatedItemType:** The type assigned to the item in the collection.
      - Data source: metadata expert.
    - **relationType:** The nature of how a related item connects to the primary item. Podcasts which appear on the same RSS feed and multi-part episodes are sibling. The podcast from which episodes come is a parent. Any episode meant to provide additional information for an episode, be it non-audiovisual files or background information, should be labeled “support” and the episode that it supports would be its

parent. If an item is a different version of an existing item, use “oldVersion” or “newVersion” appropriately.

- Data source: metadata expert.
- **podcastOwnerInfo**: A container for information about the owner of the podcast. Only use if <itemInfo><type> value is “podcast.”
  - **podcastOwnerName**: The name of the owner of the podcast.
    - Data source: RSS feed: <channel><itunes:owner><itunes:name>
  - **podcastOwnerEmail**: The email for the owner of the podcast.
    - Data source: RSS feed: <channel><itunes:owner><itunes:email>

### Controlled Vocabularies and Taxonomies

For "podcastLanguage", we are using Table of Language Culture Names, Codes, and ISO Values maintained by Microsoft, as this is the most common format in use in podcast RSS feeds.

[https://msdn.microsoft.com/en-us/library/ee825488\(v=cs.20\).aspx](https://msdn.microsoft.com/en-us/library/ee825488(v=cs.20).aspx)

For "podcastCategory", we are using the list of categories maintain by Apple for their Podcast Connect service. This list is used by both iTunes and the Google Play Store, making it the standard for category tags within podcast RSS feeds.

[https://help.apple.com/itc/podcasts\\_connect/#/itc9267a2f12](https://help.apple.com/itc/podcasts_connect/#/itc9267a2f12)

For “contributorInfo”: {"contributorRole", we are using PBCore’s contributor role list. This controlled vocabulary developed by the public media community has strong coverage of audio and video roles, and is much more complete than any we could have come up with independently.

[http://metadataregistry.org/concept/list/vocabulary\\_id/127.html](http://metadataregistry.org/concept/list/vocabulary_id/127.html)

For "episodeDetailInfo": {"format"}, we use the DCMI type of the episode’s file.

<http://dublincore.org/documents/dcmi-type-vocabulary/>

For "episodeFileInfo": {"fileType"}, we use the Wikipedia list of file formats. As podcast authors can enclose any type of file in a podcast feed, we needed a regularly updated, encyclopedic list of file formats. Wikipedia shines in this sort of position.

[https://en.wikipedia.org/wiki/List\\_of\\_file\\_formats](https://en.wikipedia.org/wiki/List_of_file_formats)

Following is the breakdown of the taxonomies for the remaining controlled fields in our element set.

1. Episode type
  - a. Full
  - b. Bonus
  - c. Episode support
  - d. Trailer
2. Rating
  - a. Clean
  - b. Explicit
3. Podcast Type
  - a. Episodic
  - b. Serial
4. Podcast Ingest Source
  - a. Hot Pod
  - b. Bello Collective
  - c. Pods of Color
  - d. User Submission
  - e. Original Database
  - f. iTunes Charts
5. Relation Type
  - a. oldVersion
  - b. newVersion
  - c. Parent
  - d. sibling

e. Support

JSON Template for Element Creation

```
{
  "itemInfo": {
    "ID": "",
    "type": ""
  },
  "podcastRssUrl": "",
  "podcastLanguage": "",
  "podcastiTunesID": "",
  "titleInfo": {
    "title": "",
    "subtitle": ""
  },
  "descriptionInfo": {
    "summary": "",
    "description": {
      "plainText": "",
      "htmlEncoded": ""
    }
  },
  "contributorInfo": {
    "name": "",
    "role": ""
  },
  "podcastImage": "",
```

```
"podcastCopyright": "",
"rating": "",
"podcastCategory": "",
"keyword": "",
"ingestInfo": {
  "podcastIngestSource": "",
  "ingestDate": ""
},
"podcastNetworkInfo": {
  "advertisingNetwork": {
    "name": "",
    "link": ""
  },
  "distributionNetwork": {
    "name": "",
    "link": ""
  },
  "productionNetwork": {
    "name": "",
    "link": ""
  }
},
"episodeDetailInfo": {
  "type": "",
  "format": "",
  "season": "",
  "number": ""
},
"episodePublicationDate": "",
```

```
"episodeFileInfo": {
  "fileURL": "",
  "fileSize": "",
  "fileType": "",
  "fileDownloadDate": "",
  "fileOriginalName": "",
  "fileStorageInfo": {
    "fileLocation": "",
    "fileInternalName": ""
  }
},
"episodeDuration": "",
"relationsInfo": {
  "relatedItemInfo": {
    "relatedItemID": "",
    "relatedItemType": "",
    "relationType": ""
  }
},
"podcastOwnerInfo": {
  "podcastOwnerName": "",
  "podcastOwnerEmail": ""
}
}
```