Avails 1.8

December 20, 2018
Changes

- Extend 1.7.3 changes to TVOD Avails
- Structural changes
  - Consolidate Movies, TV and (proposed) Collections tab into one main tab
  - Change TV and Movie to “Templates” that show how legacy TV and Movies are done; and possibly others
- Language clarifications (particularly AssetLanguage)
- Volumes, Bundles and Collections
  - Support Volumes
  - Support Bundles and Collections
- Misc
  - Signal movie to go in TV store (Add StoreType)
  - Add PackageLabel
  - Indication that bonus is included in offer
  - Fixed end time defaults
Extend 1.7.3 changes for TVOD

- Optional additions – none of these are burning issues, but they’re there if needed
  - Licensee – not generally applicable
  - EpisodeTitleID – place to hold title EIDR (not just edit)
  - GroupIdentity – for improved placement, if needed
  - TerritoryExclusion – more general territory specification, not necessarily useful. Better compatibility with XML
  - Download – if applicable
  - Timing: StartLag/EndLag, Duration, “Immediate”, “Open”
  - Languages (covered on next slide)

- Misc. clarifications
Structural and Editorial changes

- Structural
  - All fields on one tab
  - All data dictionary on one tab
  - Fully compatible with “TV” and “Movie” tabs (can still use this nomenclature)
    - Templates added with old TV and Movie tabs to illustrate how it’s used.
  - General instructions added accordingly

- Editorial
  - No more examples on main tab—these are on template tabs
  - Columns reordered to be more logical
  - General instructions clarified
Language Clarifications

- Problem
  - AssetLanguage and LocalizationType are inadequately defined and usage possibly inconsistent
  - 1.7.3 language features (specificity around subs and dubs) applicable to TVOD
- Solution
  - Redefine AssetLanguage column to mean: Languages with the following properties: Intended language for fulfillment; and for presentation to audience in that territory. Whether AssetLanguage is contractual depends on the bilateral contract. If absent, refer to contract.
  - Allow multiple languages in AssetLanguage using 1.7.3 syntax. (understanding individual studios might not use this)
    - For example, “en:subdub, fr:dub”
  - LocalizationType is applicable to a single language in AssetLanguage. LocalizationType must be blank when AssetLanguage has multiple languages or “…” notation.
  - Remove old AssetLanguage definition (Don’t need alternate definition of AssetLanguage)
- Example: Animation in SW
  - Opt1
  - Opt2 (German dubs held back, but subs allowed)
  - ACTION: Best Practice that explains this!
Volumes, Bundles, Collections Definitions

- **Volume**: *Chronological TV episodes* from within the *same series*.  
  - Chronological subset of a season  
  - Includes split seasons (1a, 1b)

- **Collection**:  
  - Consist of *TV episodes* from across *multiple seasons or series*  
  - Collections are used to group “like” content together for a single purchase option.

- **Bundle**: *Any* combination of *anything*, other than *Volume or Collection*  
  - If the ‘bundle’ meets the definition of Volume or Collection, it should be encoded as a Volume or Collection  
  - Typically some combination of *movies* and/or *TV seasons*  
  - Advanced usage (not clear if and when this will be supported?)  
    - Including movies and/or TV seasons and individual episodes (e.g., 2 season plus an episode)  
    - Bundles that include Volumes, Collections or other Bundles (e.g., a Franchise Bundles that includes TV Series, Movie Series, etc.)
# Volumes vs. Collections vs. Bundle Definitions

<table>
<thead>
<tr>
<th></th>
<th>Volume</th>
<th>Collection</th>
<th>Bundle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must be from same season</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Must be sequential episodes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Includes only TV (no movies)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

These are all supported in v1.8
Examples

Season 1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Season 2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Volume 1a
1 2 3 4 5 6 7 8

Volume 1b
9 10 11 12 13 14 15 16

Collection (episodes)
1 2 3 8 9 13 14 16 4 5 6 7 8

Bundle (seasons)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Bundle (season + movies)
A B C D movies
Volumes

Solution Summary

• Episodes are availed as before, but when an episode is part of a volume, volume-specific data is included

• Volumes availed much like seasons: Row with ‘WorkType’=“Volume” and volume-related fields (VolumeID and VolumeAltID) matching fields match those fields in the episodes

• Add volume-specific fields to spec:
  • VolumeNumber, VolumeTitleInternalAlias, VolumeTitleDisplayUnlimited, VolumeID, VolumeAltID, and VolumeContentID, VolumeDistributionNumber

  • New WorkType of “Volume” (defined in Common Metadata)

Notes

• Like seasons, an episode can be in at most only one volume within a territory.
  • If for some reason multiple volumes are required, they must be handled as collections.

• While the field ‘DistributionNumber’ was initially defined as a possible method of tagging an episode relationship with a volume the concern is that this field may already be used for other purposes and doesn’t provide a robust, volumes specific solution.

• Volumes and episodes within volumes are assumed to also belong to a season (Season data is still required)
<table>
<thead>
<tr>
<th>WorkType</th>
<th>EntryType</th>
<th>SeriesTitleInternalAlias</th>
<th>SeriesTitleDisplayUnlimited</th>
<th>SeasonNumber</th>
<th>VolumeTitleInternalAlias</th>
<th>VolumeTitleDisplayUnlimited</th>
<th>VolumeNumber</th>
<th>DistributionNumber</th>
<th>EpisodeNumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Season</td>
<td>Full Extract</td>
<td>Detectives, The</td>
<td>The Detectives</td>
<td>1</td>
<td>Detective, Volume 1</td>
<td>The Detectives, Volume 1</td>
<td>1</td>
<td>1a</td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>Full Extract</td>
<td>Detectives, The</td>
<td>The Detectives</td>
<td>1</td>
<td>Detective, Volume 2</td>
<td>The Detectives, Volume 2</td>
<td>2</td>
<td>1b</td>
<td></td>
</tr>
<tr>
<td>Episode</td>
<td>Full Extract</td>
<td>Detectives, The</td>
<td>The Detectives</td>
<td>1</td>
<td>Detective, Volume 2</td>
<td>The Detectives, Volume 2</td>
<td>2</td>
<td>1b</td>
<td></td>
</tr>
</tbody>
</table>
Bundles

- Bundle any combination of movies and/or TV seasons
  - Die Hard Series Bundle
  - Serenity (2015 Movie) and Firefly (TV Series) Bundle
  - The Flash Bundle: Seasons 1, 2, and 3
- Analogous to shrink wrap around a collection of Blu-rays
- Bundles are handled in Avails
  - Defined by a list of ALIDs (reference elsewhere in the Avail)
    - Bundle contains the union of all assets in those Avails (including bonus)
  - Bundle has its own ALID and its own terms
    - Not just price: Can include dates, resolutions, etc.
  - Bundle has its own metadata
Bundles Implementation

- Create ‘row’ for Bundle (own ALID, terms and metadata)
  - Reference assets in BundledAssets
  - There is no indication in the Bundle definition whether it’s a Bundle, Collection, Boxed Set or any other grouping. One must rely on referenced ALIDs for series, season and volume information
  - Series and season information should be included as applicable (e.g., a bundle of seasons in the same season can include season data)
  - Reference items must be availed in some form
    - If referenced objects are out of window it should be assumed the bundle is in error. Corrective measure is to include a bundle-only avail that is in window.

- Added “Bundle-only” PriceType
  - Similar to “Season-only”, which is still supported
  - Supports content that would not otherwise be Availed
### Bundling

<table>
<thead>
<tr>
<th>Object</th>
<th>Includes</th>
<th>WorkType</th>
<th>Bundled ALIDs</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bundle</td>
<td>Movies</td>
<td>Collection</td>
<td>Movies</td>
<td></td>
</tr>
<tr>
<td>Bundle</td>
<td>Movies+TV Seasons</td>
<td>Collection</td>
<td>Movies and/or Seasons</td>
<td></td>
</tr>
<tr>
<td>Bundle</td>
<td>Multiple Seasons</td>
<td>Collection</td>
<td>Seasons</td>
<td>Include Series data</td>
</tr>
<tr>
<td>Collection</td>
<td>TV episodes, different series</td>
<td>Collection</td>
<td>TV Episodes</td>
<td></td>
</tr>
<tr>
<td>Collection</td>
<td>TV, same series</td>
<td>Collection</td>
<td>TV Episodes</td>
<td>Include Series data</td>
</tr>
</tbody>
</table>
Problem
- Studios wish to offer certain TV movies in the TV store
- For example, “Hairspray Live!”
- Current approach: Create pseudo-series with 1 season and 1 episode
  - e.g., (same on other sites), https://play.google.com/store/tv/show/Hairspray_Live?id=jUHeag6pfDM
- Requirement is to express this is a TV movie

Solution: Use StoreType
- New optional value: StoreType – indicates which store (or stores) where offer should be listed
  - Values “TV”, “Movie”, “TV, Movie”; others in the future
  - Carries forward nicely into 1.8, especially for collections/bundles.
  - Defaults to “TV” for TV WorkTypes and “Movie” for Movie WorkTypes
Avails conveying package reuse across territories

• Problem
  • New territories can be added using the same media package
  • Either not using MMC, or don’t want to update MMC
  • Note: may need to localize metadata

• Existing Solutions
  • Option 0: redelivery of media package for new territory
  • Option 1: Add territories to MMC XML
    • 1a redeliver MMC XML
      • 1a1: Use Experience that's worldwide unless there is a territory match
      • 1a2: Always reference specific countries
    • 1b Media Manifest Edit update of MMC XML

• New in 1.8 and 2.4
  • Add "PackageLabel". Avails with same value use the same package do same thing in proprietary Avail

• TBD
  • Asset Ordering and Delivery Solution
Bonus

• Problem
  • CPE and MMC provide full support for Bonus/Extras/VAM
  • Need means to indicate offer includes bonus
    • Tells retailer to look for it via separate mechanism(s) to be determined

• Solution
  • Add optional “Bonus” field that indicates bonus is part of offer
    • True/False
END time

• Two problems with time in End date/time
  • In one place, time is given at 00:00:00. This should be 23:59:59
  • End time
    • The start time is given as 00:00:00 in the first time zone in territory. For example, in US it would be midnight East Coast
    • End time is given as 23:59:59 in the same time zone. It should be the last time zone (e.g., Pacific or Hawaii)

• Corrected in spec