

Avails 1.8

December 20, 2018

Changes

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- 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

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- 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

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- 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

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- 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
 - AllowedLanguage=“en, fr, it”, AssetLanguage=“en:dub, fr:dub, it:dub”
 - Once DE allowed: AllowedLanguage=“en, fr, it, de”, AssetLanguage=“en:dub, fr:dub, it:dub, de:dub”
 - Opt2 (German dubs held back, but subs allowed)
 - AllowedLanguage=“en, fr, it, de:sub”, AssetLanguage=“en:dub, fr:dub, it:dub, de:sub”
 - Once DE dubs allowed: AllowedLanguage=“en, fr, it, de”, AssetLanguage=“en:dub, fr:dub, it:dub, de:dub”
 - ACTION: Best Practice that explains this!

Volumes, Bundles, Collections Definitions

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- **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

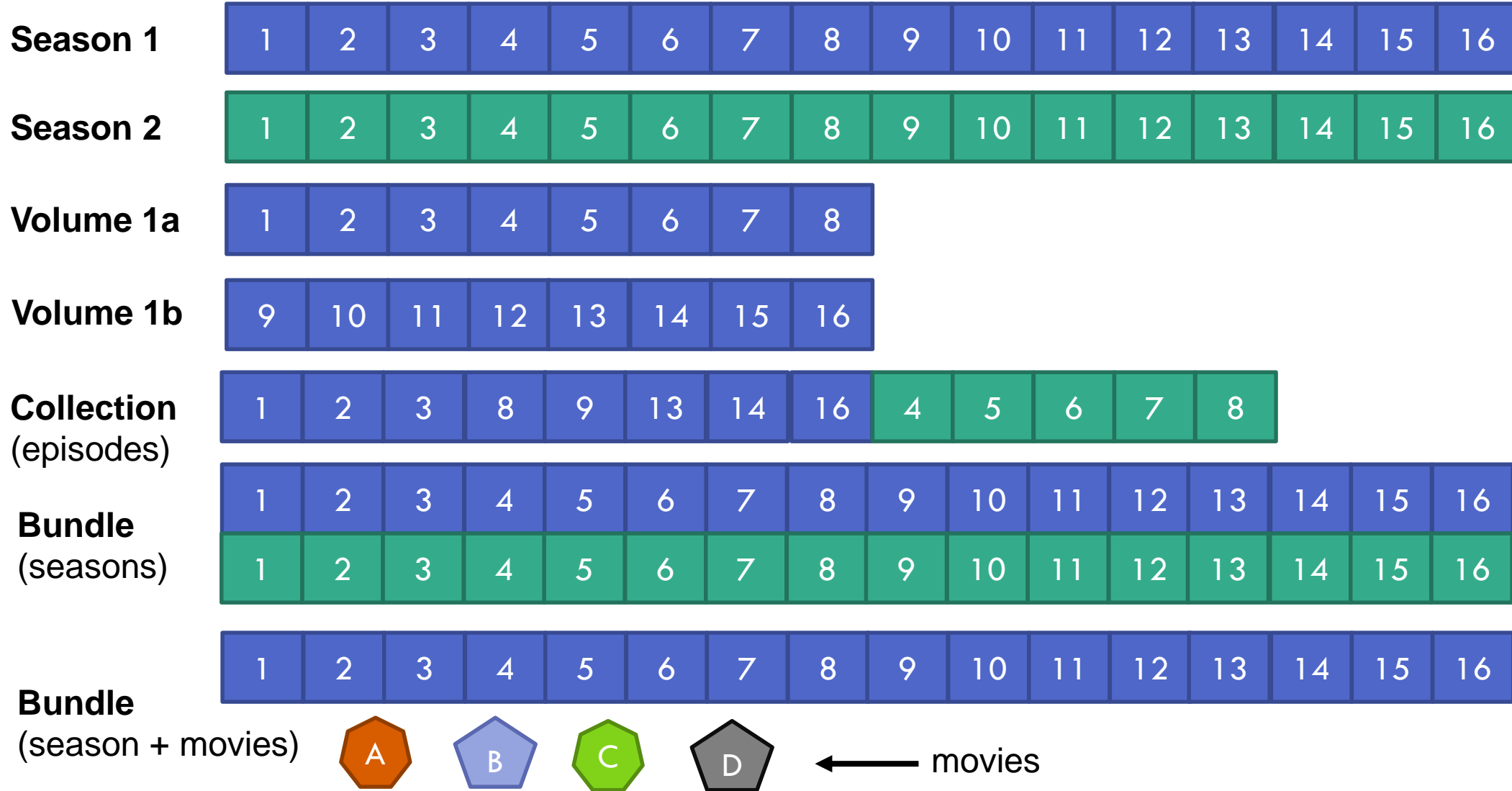
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	Volume	Collection	Bundle
Must be from same season	Yes	No	No
Must be sequential episodes	Yes	No	No
Includes only TV (no movies)	Yes	Yes	No

These are all supported in v1.8

Examples

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Volumes

Solution Summary

- Episodes are available as before, but when an episode is part of a volume, volume-specific data is included
- Volumes available 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)

Volume Example

AvailAsset	Disposition	AvailMetadata	AvailMetadata	AvailMetadata	AvailMetadata	AvailMetadata	AvailMetadata	AvailMetadata	AvailMetadata
WorkType	EntryType	SeriesTitleInternalAlias	SeriesTitleDisplayUnlimited	SeasonNumber	VolumeTitleInternalAlias	VolumeTitleDisplayUnlimited	VolumeNumber	DistributionNumber	EpisodeNumber
//REQ	//REQ	//REQ	//Opt	//REQ	//Opt, only applicable to volume	//Opt, only applicable to volume	//Opt, only applicable to volume	//Opt	//REQ
Season	Full Extract	Detectives, The	The Detectives	1					
Season	Full Extract	Detectives, The	The Detectives	1					
Volume	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	
Volume	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	
Volume	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	
Volume	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	
Episode	Full Extract	Detectives, The	The Detectives	1					101
Episode	Full Extract	Detectives, The	The Detectives	1					101
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	1
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	1
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	2
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	2
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	3
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	3
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	4
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 1	The Detectives, Volume 1	1	1a	4
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	5
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	5
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	6
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	6
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	7
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	7
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	8
Episode	Full Extract	Detectives, The	The Detectives	1	Detective, Volume 2	The Detectives, Volume 2	2	1b	8

Bundles

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- 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

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- 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

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Object	Includes	WorkType	BundledALIDs	Other
Bundle	Movies	Collection	Movies	
Bundle	Movies+TV Seasons	Collection	Movies and/or Seasons	
Bundle	Multiple Seasons	Collection	Seasons	Include Series data
Collection	TV episodes, different series	Collection	TV Episodes	
Collection	TV, same series	Collection	TV Episodes	Include Series data

Signaling (TV) Movie goes in TV Store

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- 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

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- 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

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- 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

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- 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