



FAST Studios Metadata Specifications Guide

Hi there! This document will be your handy guide for the exact channel metadata specifications we'll need from you in order to successfully launch your channel. In this document, we've included a link to a CSV template along with an explanation of the various template fields included. The template will be used to upload your show metadata assets to the Amagi cloudport UI. Please fill out the template as best as you can that follows the below asset descriptions.

CSV Template

Your csv template can be downloaded here:

<https://docs.google.com/spreadsheets/d/e/2PACX-1vSowFFIWVEf--Ru00qufq60Rm7QgvprdKDPt2-m9ErhE6JPeJEnlwVMp5HmaCSEDNTAT3QbXh3owd0/pub?output=csv>

Template Metadata Field Descriptions

Field	Description
Asset ID (Mandatory)	This is the filename of the video asset, without extension, uploaded to amagi's cloudport. Please note filename cannot contain any spaces.
Title (Mandatory)	This is the title of the video asset, this field will be visible in the EPG delivered to platforms
description (Mandatory)	This is the short description of the video asset. Please keep this <110 characters.
Long_ Description (Optional)	This is the long description of the video and doesn't have character limit
tags (Optional)	Comma separated list of keywords for the video asset
genre (Mandatory)	Genre of the video content
cast (Optional)	Cast appearing in the video asset
director (Optional)	Director of the Video content in the asset
episode (Mandatory, if content is episodic)	Episode (number) needs to be filled if the content is episodic, standalone content like movies or concerts need not have episode number. Please fill numerical values for episode number.
rating (Mandatory)	Please fill NR if the content is unrated otherwise fill the rating
rating_body	Please fill the agency who has rated the content. Should be blank for unrated content
TC IN (Optional)	The IN / Media start timecode. This is the timecode from which the actual video content starts. This is usually after any color-bars or slates or blacks at the beginning of the video
duration (Optional)	Duration of the content
tms_id (Optional)	If the content is present in Gracenote, please provide the TMS ID
release_date (Optional)	Release date of the content

season (Mandatory if content is episodic)	Season is to be filled if the content is episodic
license_start (Optional)	If content is licensed, then start date of the license
license_end (Optional)	If content is licensed, then the end date of the license. You may request content to be deleted automatically after license expiration.
series_title (Mandatory if content is episodic)	Series Title is to be filled if the content is episodic
series_id (Mandatory if content is episodic)	A unique ID to identify the series, to be filled if the content is episodic
series_tms_id (Optional)	To be filled if series is available in Gracenote
series_description (Mandatory if content is episodic)	Series Description is to be filled if the content is episodic. Please keep this <110 characters.
series_genre (Optional)	Genre of the series
series_release_date (Optional)	Release date of the series
series_tags (Optional)	Comma separated list of keywords for the series, only to be filled if the content is episodic.
Type (Mandatory)	Used to categorize the content and tell apart the main program from filler content, promos, bumpers etc. Recommend to use the following categorization. <ul style="list-style-type: none"> ● shortform ● longform ● adslate ● filler ● promo ● bumper ● Ident ● trailer
subtitle_url (Mandatory if asset needs to be pulled from external source)	Url/link from where the subtitle needs to be pulled. Not required if subtitle is uploaded to S3 directly.
trailer_url (Optional)	Url/link from where the trailer needs to be pulled. Not required if the trailer is uploaded to S3 directly.
video_url (Mandatory if asset needs to be pulled from external source)	Url/link from where the video asset needs to be pulled. Not required if the video asset is uploaded to S3 directly.

series_thumbnail_url (Mandatory if content is episodic)	Url/link from where the series thumbnail needs to be pulled. Please mention the image filename with extension if the image is uploaded to S3 directly. Not required if content is not episodic.
series_portrait_poster_url (Mandatory if content is episodic)	Url/link from where the series poster image (2x3) needs to be pulled. Please mention the image filename with extension if the image is uploaded to S3 directly. Not required if content is not episodic.
series_landscape_poster_url (Mandatory if content is episodic)	Url/link from where the series landscape image (16:9, 1920x1080) needs to be pulled. Please mention the image filename with extension if the image is uploaded to S3 directly. Not required if content is not episodic.
thumbnail_url (Mandatory)	Url/link from where the thumbnail needs to be pulled. Please mention the image filename with extension if the image is uploaded to S3 directly.
portrait_poster_url (Mandatory)	Url/link from where the poster image (2x3) needs to be pulled. Please mention the image filename with extension if the image is uploaded to S3 directly.
landscape_poster_url (Mandatory)	Url/link from where the series landscape image (16:9, 1920x1080) needs to be pulled. Please mention the image filename with extension if the image is uploaded to S3 directly.
availability_start (Optional)	Used for VOD workflows for tracking availability start
availability_end (Optional)	Used for VOD workflows for tracking availability end
Cue Points (Mandatory if segmentation is required)	Comma-separated list of cue points in SMPTE format (HH:MM:SS:FF). Assets will be soft segmented based on the cue points.
Language (Mandatory)	Two letter ISO code for the language of the asset
GUID (Optional)	A unique global identifier
original_air_date (Optional)	Original air Date, if content has already aired previously
platforms (Optional)	Used for VOD workflows for tracking platforms where the content needs to be delivered to



Program and Commercial Media Specs Guide

This document will be your helpful guide for the exact delivery specifications of your video and audio files.

Video	SD Pal	SD NTSC	720P	HD [1080i50]	HD [1080i60]	HD [1080p25]
Standard	PAL	NTSC	NTSC	PAL	NTSC	PAL
Format	MPEG TS/MXF/MP4/Mov	MPEG TS/MXF/MP4/Mov	MPEG TS/MXF/MP4/Mov	MPEG TS/MXF/MP4/Mov	MPEG TS/MXF/MP4/Mov	MPEG TS/MXF/MP4/Mov
File Extension	TS/MXF/MP4/Mov	TS/MXF/MP4/Mov	TS/MXF/MP4/Mov	TS/MXF/MP4/Mov	TS/MXF/MP4/Mov	TS/MXF/MP4/Mov
Video Pid	2064 (0x810)	2064 (0x810)	2064 (0x810)	2064 (0x810)	2064 (0x810)	2064 (0x810)
Video Format	AVC	AVC	AVC	AVC	AVC	AVC
Video Resolution	720x576	720x480	1280x720	1920x1080	1920x1080	1920x1080
Aspect Ratio	4:3 / 16:9	4:3 / 16:9	16:9	16:9	16:9	16:9
Format Profile	High@L4.1	High@L4.1	High@L4.1	High@L4.1	High@L4.1	High@L4.1
Compression Mode	CBR (Constant Bit Rate)	CBR (Constant Bit Rate)	CBR (Constant Bit Rate)	CBR (Constant Bit Rate)	CBR (Constant Bit Rate)	CBR (Constant Bit Rate)
Video Bitrate (mbps)	8 to 12	8 to 12	12 to 18	12	15 to 30	15 to 30
Video Codec	H.264	H.264	H.264	H.264	H.264	H.264
Color Space	YUV	YUV	YUV	YUV	YUV	YUV
Chroma Subsampling	4:2:0	4:2:0	4:2:0	4:2:0	4:2:0	4:2:0
CABAC	No	No	No	No	No	No
Video Frame Rate	25	29.97	29.97	25	29.97	25
Ref Frames	2	2	2	2	2	2
GOP	M=2; N=25	M=2; N=33	M=2; N=33	M=2; N=25	M=2; N=33	M=2; N=33
Scan Type	Progressive Interlaced -Interleaved Fields -Separated Fields	Progressive Interlaced -Interleaved Fields -Separated Fields	Progressive	Progressive Interlaced -Interleaved Fields -Separated Fields	Progressive Interlaced -Interleaved Fields -Separated Fields	Progressive Interlaced -Interleaved Fields -Separated Fields
Field Order	Top Field First (for interlaced video)	Top Field First (for interlaced video)	NA	Top Field First (for interlaced video)	Top Field First (for interlaced video)	Top Field First (for interlaced video)

Audio						
Codec	AAC	AAC	AAC	AAC	AAC	AAC
Audio Level	Normalized to -12dB	Normalized to -12dB	Normalized to -12dB	Normalized to -12dB	Normalized to -12dB	Normalized to -12dB
Format Profile	LC	LC	LC	LC	LC	LC
Audio Bitrate (kbps)	192 to 320	192 to 320	192 to 320	192 to 320	192 to 320	192 to 320
Sampling Rate (KHz)	48	48	48	48	48	48
Channels	Up to sixteen stereo tracks	Up to sixteen stereo tracks	Up to four stereo tracks	Up to sixteen stereo tracks	Up to sixteen stereo tracks	Up to sixteen stereo tracks
Audio PID	Track 1 - 2068 Track 2 - 2069 Track 3 - 2070 Track 4 - 2071 ...	Track 1 - 2068 Track 2 - 2069 Track 3 - 2070 Track 4 - 2071 ...	Track 1 - 2068 Track 2 - 2069 Track 3 - 2070 Track 4 - 2071 ...	Track 1 - 2068 Track 2 - 2069 Track 3 - 2070 Track 4 - 2071 ...	Track 1 - 2068 Track 2 - 2069 Track 3 - 2070 Track 4 - 2071 ...	Track 1 - 2068 Track 2 - 2069 Track 3 - 2070 Track 4 - 2071 ...

Others	
Video Pre-roll [Frames before Video Start]	No black, pre-roll, countdown clock or colour bars before start of video
Video Post-roll [Frames after Video End]	No black, post-roll, extra video or other elements



FAST Studios Programming Clock Specs Guide

This document will be your helpful guide for exact programming clock specifications. All of our FAST Studios content begins at :00 minutes and :30 minutes, at the top and bottom of the hour.

ASSUMES NO SQUEEZEBACKS

SUPERSEGMENTS

CLOCK MINS	30	60	90	120	30	60	90	120
CONTENT MINS	22	44	66	88	22	44	66	88
BREAK MINS	8	16	24	32	8	16	24	32
SEG 1	4	4	4	4	4	6	6	6
BRK 1	2	2	2	2	4	4		4
SEG 2	5	5	5	5	10	10	10	9.5
BRK 2	2	2	2	2	4	4		4
SEG 3	5	5	5.5	6	8	10	10.5	9.5
BRK 3	2	2	2	2		4		4
SEG 4	5	5	5.5	6		10	10.5	9.5
BRK 4	2	2	2	2		4		4
SEG 5	3	4	5.5	6		8	10.5	9.5
BRK 5			2	2				4
SEG 6		4	5.5	6			10.5	9
BRK 6		2	2	2				4
SEG 7		5	5.5	6			8	9
BRK 7		2	2	2				4
SEG 8		5	5.5	6				9
BRK 8		2	2	2				3
SEG 9		4	5.5	6				9
BRK 9		2	2	2				3
SEG 10		3	5.5	6				8
BRK 10			2	2				
SEG 11			5	5				
BRK 11			2	2				
SEG 12			5	5				
BRK 12			2	2				
SEG 13			3	5				
BRK 13				2				
SEG 14				5				
BRK 14				2				
SEG 15				4				
BRK 15				2				
SEG 16				4				
BRK 16				2				
SEG 17				3				

BREAK MIN NOTE:	75% ADS 25% PROMO
FIRST SEG NOTE:	1:30 COLD OPEN / 0:30 OPENING CREDITS
LAST SEG NOTE:	2:30 CONTENT / 0:30 CREDITS / SEAMLESS INTO NEXT PROGRAM

15 MINUTE MODIFIERS

	HAF HR	3 QTR HR	HR	HR FIF	HR HAF	HR 3 QTR
CLOCK:	30	45	60	75	90	105
CONTENT:	22	33	44	55	66	77
ADS:	8	12	16	20	24	28
	2 HR	2 HR FIF	2 HR HAF	2 HR 3 QTR	3 HR	3 HR FIF
CLOCK:	120	135	150	165	180	195
CONTENT:	88	99	110	121	132	143
ADS:	32	36	40	44	48	52
	3 HR HAF	3 HR 3 QTR	4 HR	4 HR FIF	4 HR HAF	4 HR 3 QTR
CLOCK:	210	225	240	255	270	285
CONTENT:	154	165	176	187	198	209
ADS:	56	60	64	68	72	76

