

## General

Count : Count of objects available in this stream

Status : Status of bit field (0=IsAccepted, 1=IsFilled, 2=IsUpdated, 3=IsFinished)

StreamCount : Count of streams of this kind available (base=1)

StreamKind : Stream type name

StreamKind/String : Stream type name

StreamKindID : Stream number (base=0)

StreamKindPos : Number of the stream, when multiple (base=1)

StreamOrder : Stream order in the file for type of stream (base=0)

FirstPacketOrder : Order of the first fully decodable packet met in the file for stream type (base=0)

Inform : Last **\*\*Inform\*\*** call

ID : The ID for this stream in this file

ID/String : The ID for this stream in this file

OriginalSourceMedium\_ID : The ID for this stream in the original medium of the material

OriginalSourceMedium\_ID/S : The ID for this stream in the original medium of the material

UniqueID : The unique ID for this stream, should be copied with stream copy

UniqueID/String : The unique ID for this stream, should be copied with stream copy

MenuID : The menu ID for this stream in this file

MenuID/String : The menu ID for this stream in this file

GeneralCount : Number of general streams

VideoCount : Number of video streams

AudioCount : Number of audio streams

TextCount : Number of text streams

OtherCount : Number of other streams

ImageCount : Number of image streams

MenuCount : Number of menu streams

Video\_Format\_List : Video Codecs in this file, separated by /

Video\_Format\_WithHint\_Lis : Video Codecs in this file with popular name (hint), separated by /

Video\_Codec\_List : Deprecated, do not use in new projects

Video\_Language\_List : Video languages in this file, full names, separated by /

Audio\_Format\_List : Audio Codecs in this file, separated by /

Audio\_Format\_WithHint\_Lis : Audio Codecs in this file with popular name (hint), separated by /

Audio\_Codec\_List : Deprecated, do not use in new projects

Audio\_Language\_List : Audio languages in this file separated by /

Text\_Format\_List : Text Codecs in this file, separated by /

Text\_Format\_WithHint\_List : Text Codecs in this file with popular name (hint), separated by /

Text\_Codec\_List : Deprecated, do not use in new projects

Text\_Language\_List : Text languages in this file, separated by /

Other\_Format\_List : Other formats in this file, separated by /

Other\_Format\_WithHint\_Lis : Other formats in this file with popular name (hint), separated by /

Other\_Codec\_List : Deprecated, do not use in new projects

Other\_Language\_List : Chapters languages in this file, separated by /

Image\_Format\_List : Image Codecs in this file, separated by /  
 Image\_Format\_WithHint\_Lis : Image Codecs in this file with popular name (hint), separated by /  
 Image\_Codec\_List : Deprecated, do not use in new projects  
 Image\_Language\_List : Image languages in this file, separated by /  
 Menu\_Format\_List : Menu Codecs in this file, separated by /  
 Menu\_Format\_WithHint\_List : Menu Codecs in this file with popular name (hint), separated by /  
 Menu\_Codec\_List : Deprecated, do not use in new projects  
 Menu\_Language\_List : Menu languages in this file, separated by /  
 CompleteName : Complete name (Folder+Name+Extension)  
 FolderName : Folder name only  
 FileNameExtension : File name and extension  
 FileName : File name only  
 FileExtension : File extension only  
 CompleteName\_Last : Complete name (Folder+Name+Extension) of the last file (in the case of a sequence of files)  
 FolderName\_Last : Folder name only of the last file (in the case of a sequence of files)  
 FileNameExtension\_Last : File name and extension of the last file (in the case of a sequence of files)  
 FileName\_Last : File name only of the last file (in the case of a sequence of files)  
 FileExtension\_Last : File extension only of the last file (in the case of a sequence of files)  
 Format : Format used  
 Format/String : Format used + additional features  
 Format/Info : Info about this Format  
 Format/Url : Link to a description of this format  
 Format/Extensions : Known extensions of this format  
 Format\_Commercial : Commercial name used by vendor for these settings or Format field if there is no difference  
 Format\_Commercial\_IfAny : Commercial name used by vendor for these settings if there is one  
 Format\_Version : Version of this format  
 Format\_Profile : Profile of the Format (old XML: 'Profile@Level' format)  
 Format\_Level : Level of the Format (only MIXML)  
 Format\_Compression : Compression method used  
 Format\_Settings : Settings needed for decoder used  
 Format\_AdditionalFeatures : Format features needed for fully supporting the content  
 InternetMediaType : Internet Media Type (aka MIME Type, Content-Type)  
 CodecID : Codec ID (found in some containers)  
 CodecID/String : Codec ID (found in some containers)  
 CodecID/Info : Info about this Codec  
 CodecID/Hint : A hint/popular name for this Codec  
 CodecID/Url : A link to more details about this Codec ID  
 CodecID\_Description : Manual description given by the container

CodecID\_Version : Version of the CodecID  
 CodecID\_Compatible : Compatible CodecIDs  
 Interleaved : If Audio and video are muxed  
 Codec : Deprecated, do not use in new projects  
 Codec/String : Deprecated, do not use in new projects  
 Codec/Info : Deprecated, do not use in new projects  
 Codec/Url : Deprecated, do not use in new projects  
 Codec/Extensions : Deprecated, do not use in new projects  
 Codec\_Settings : Deprecated, do not use in new projects  
 Codec\_Settings\_Automatic : Deprecated, do not use in new projects  
 FileSize : File size in bytes  
 FileSize/String : File size (with measure)  
 FileSize/String1 : File size (with measure, 1 digit mini)  
 FileSize/String2 : File size (with measure, 2 digit mini)  
 FileSize/String3 : File size (with measure, 3 digit mini)  
 FileSize/String4 : File size (with measure, 4 digit mini)  
 Duration : Play time of the stream (in ms)  
 Duration/String : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String1 : Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration/String2 : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String3 : Play time in format : HH:MM:SS.MMM  
 Duration/String4 : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration/String5 : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_Start  
 Duration\_End  
 OverallBitRate\_Mode : Bit rate mode of all streams (VBR, CBR)  
 OverallBitRate\_Mode/String : Bit rate mode of all streams (Variable, Constant)  
 OverallBitRate : Bit rate of all streams (in bps)  
 OverallBitRate/String : Bit rate of all streams (with measure)  
 OverallBitRate\_Minimum : Minimum bit rate (in bps)  
 OverallBitRate\_Minimum/St : Minimum bit rate (with measurement)  
 OverallBitRate\_Nominal : Nominal bit rate (in bps)  
 OverallBitRate\_Nominal/St : Nominal bit rate (with measurement)  
 OverallBitRate\_Maximum : Maximum bit rate (in bps)  
 OverallBitRate\_Maximum/St : Maximum bit rate (with measurement)  
 FrameRate : Frames per second  
 FrameRate/String : Frames per second (with measurement)  
 FrameRate\_Num : Frames per second, numerator  
 FrameRate\_Den : Frames per second, denominator  
 FrameCount : Frame count (if a frame contains a count of samples)  
 Delay : Delay fixed in the stream (relative) (in ms)  
 Delay/String : Delay with measurement

Delay/String1 : Delay with measurement  
 Delay/String2 : Delay with measurement  
 Delay/String3 : format : HH:MM:SS.MMM  
 Delay/String4 : Delay in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Delay\_Settings : Delay settings (in case of timecode, for example)  
 Delay\_DropFrame : Delay drop frame  
 Delay\_Source : Delay source (Container, Stream, empty)  
 Delay\_Source/String : Delay source (Container, Stream, empty)  
 StreamSize : Stream size (in bytes)  
 StreamSize/String  
 StreamSize/String1  
 StreamSize/String2  
 StreamSize/String3  
 StreamSize/String4  
 StreamSize/String5 : Stream size with proportion  
 StreamSize\_Proportion : Stream size divided by file size  
 StreamSize\_Demuxed : StreamSize after demux (in bytes)  
 StreamSize\_Demuxed/String : StreamSize\_Demuxed with percentage value  
 StreamSize\_Demuxed/String1  
 StreamSize\_Demuxed/String2  
 StreamSize\_Demuxed/String3  
 StreamSize\_Demuxed/String4  
 StreamSize\_Demuxed/String : StreamSize\_Demuxed with percentage value (note: theoretical value, not for real use)  
 HeaderSize  
 DataSize  
 FooterSize  
 IsStreamable  
 Album\_ReplayGain\_Gain : The gain to apply to reach 89dB SPL on playback  
 Album\_ReplayGain\_Gain/String  
 Album\_ReplayGain\_Peak : The maximum absolute peak value of the item  
 Encryption  
 Encryption\_Format  
 Encryption\_Length  
 Encryption\_Method  
 Encryption\_Mode  
 Encryption\_Padding  
 Encryption\_InitializationVector  
 UniversalAdID/String : Universal Ad-ID, see <https://ad-id.org>  
 UniversalAdID\_Registry : Universal Ad-ID registry  
 UniversalAdID\_Value : Universal Ad-ID value

Title : (Generic)Title of file  
 Title\_More : (Generic)More info about the title of file  
 Title/Url : (Generic)Url  
 Domain : Universe movies belong to, e.g. Star Wars, Stargate, Buffy, Dragonball  
 Collection : Name of the series, e.g. Star Wars movies, Stargate SG-1, Stargate Atlantis, Buffy, Angel  
 Season : Name of the season, e.g. Star Wars first Trilogy, Season 1  
 Season\_Position : Number of the Season  
 Season\_Position\_Total : Place of the season, e.g. 2 of 7  
 Movie : Name of the movie. Eg : Star Wars, A New Hope  
 Movie\_More : More info about the movie  
 Movie/Country : Country, where the movie was produced  
 Movie/Url : Homepage for the movie  
 Album : Name of an audio-album. Eg : The Joshua Tree  
 Album\_More : More info about the album  
 Album/Sort  
 Album/Performer : Album performer/artist of this file  
 Album/Performer/Sort  
 Album/Performer/Url : Homepage of the album performer/artist  
 Comic : Name of the comic.  
 Comic\_More : More info about the comic  
 Comic/Position\_Total : Place of the comic, e.g. 1 of 10  
 Part : Name of the part. e.g. CD1, CD2  
 Part/Position : Number of the part  
 Part/Position\_Total : Place of the part e.g. 2 of 3  
 Track : Name of the track. e.g. track 1, track 2  
 Track\_More : More info about the track  
 Track/Url : Link to a site about this track  
 Track/Sort  
 Track/Position : Number of this track  
 Track/Position\_Total : Place of this track, e.g. 3 of 15  
 PackageName : Package name i.e. technical flavor of the content  
 Grouping : iTunes grouping  
 Chapter : Name of the chapter  
 SubTrack : Name of the subtrack  
 Original/Album : Original name of the album  
 Original/Movie : Original name of the movie  
 Original/Part : Original name of the part  
 Original/Track : Original name of the track  
 Compilation : iTunes compilation  
 Compilation/String : iTunes compilation  
 Performer : Main performer(s)/artist(s)  
 Performer/Sort

Performer/Url : Homepage of the performer/artist  
 Original/Performer : Original artist(s)/performer(s)  
 Accompaniment : Band/orchestra/accompaniment/musician  
 Composer : Name of the original composer  
 Composer/Nationality : Nationality of the primary composer of the piece (mostly for classical music)  
 Composer/Sort :  
 Arranger : The person who arranged the piece (e.g. Ravel)  
 Lyricist : The person who wrote the lyrics for the piece  
 Original/Lyricist : Original lyricist(s)/text writer(s).  
 Conductor : The artist(s) who performed the work. In classical music this would be the conductor, orchestra, soloists, etc.  
 Director : Name of the director  
 CoDirector : Name of the codirector  
 AssistantDirector : Name of the assistant director  
 DirectorOfPhotography : Name of the director of photography, also known as cinematographer  
 SoundEngineer : Name of the sound engineer or sound recordist  
 ArtDirector : Name of the person who oversees the artists and craftspeople who build the sets  
 ProductionDesigner : Name of the person responsible for designing the overall visual appearance of a movie  
 Choreographer : Name of the choreographer  
 CostumeDesigner : Name of the costume designer  
 Actor : Real name of an actor/actress playing a role in the movie  
 Actor\_Character : Name of the character an actor or actress plays in this movie  
 WrittenBy : Author of the story or script  
 ScreenplayBy : Author of the screenplay or scenario (used for movies and TV shows)  
 EditedBy : Editors name  
 CommissionedBy : Name of the person or organization that commissioned the subject of the file  
 Producer : Name of the producer of the movie  
 CoProducer : Name of a co-producer  
 ExecutiveProducer : Name of an executive producer  
 MusicBy : Main musical artist for a movie  
 DistributedBy : Company responsible for distribution of the content  
 OriginalSourceForm/Distri : Name of the person or organization who supplied the original subject  
 MasteredBy : The engineer who mastered the content for a physical medium or for digital distribution  
 EncodedBy : Name of the person/organisation that encoded/ripped the audio file.  
 RemixedBy : Name of the artist(s) that interpreted, remixed, or otherwise modified the content

ProductionStudio : Main production studio  
 ThanksTo : A very general tag for everyone else that wants to be listed  
 Publisher : Name of the organization publishing the album (i.e. the 'record label') or movie  
 Publisher/URL : Publisher's official webpage  
 Label : Brand or trademark associated with the marketing of music recordings and music videos  
 Genre : Main genre of the audio or video. e.g. classical, ambient-house, synthpop, sci-fi, drama, etc.  
 PodcastCategory : Podcast category  
 Mood : Intended to reflect the mood of the item with a few keywords, e.g. Romantic, Sad, Uplifting, etc.  
 ContentType : The type or genre of the content. e.g. Documentary, Feature Film, Cartoon, Music Video, Music, Sound FX, etc.  
 Subject : Describes the topic of the file, such as 'Aerial view of Seattle.'  
 Description : A short description of the contents, such as 'Two birds flying.'  
 Keywords : Keywords for the content separated by a comma, used for searching  
 Summary : Plot outline or a summary of the story  
 Synopsis : Description of the story line of the item  
 Period : Describes the period that the piece is from or about. e.g. Renaissance.  
 LawRating : Legal rating of a movie. Format depends on country of origin (e.g. PG or R in the USA, an age in other countries or a URI defining a logo)  
 LawRating\_Reason : Reason for the law rating  
 ICRA : The ICRA rating (previously RSACi)  
 Released\_Date : Date/year that the content was released  
 Original/Released\_Date : Date/year that the content was originally released  
 Recorded\_Date : Time/date/year that the recording began  
 Encoded\_Date : Time/date/year that the encoding of this content was completed  
 Tagged\_Date : Time/date/year that the tags were added to this content  
 Written\_Date : Time/date/year that the composition of the music/script began  
 Mastered\_Date : Time/date/year that the content was transferred to a digital medium.  
 File\_Created\_Date : Time that the file was created on the file system  
 File\_Created\_Date\_Local : Time that the file was created on the file system (Warning: this field depends of local configuration, do not use it in an international database)  
 File\_Modified\_Date : Time that the file was last modified on the file system  
 File\_Modified\_Date\_Local : Time that the file was last modified on the file system (Warning: this field depends of local configuration, do not use it in an international database)  
 Recorded\_Location : Location where track was recorded (See COMPOSITION\_LOCATION for format)  
 Written\_Location : Location that the item was originally designed/written. Information should be stored in the following format: country code, state/province, city where the country code is the same 2 octets as in Internet domains, or possibly ISO-3166. e.g. US, Texas, Austin or US, , Austin.

Archival\_Location : Location where an item is archived (e.g. Louvre, Paris, France)

Encoded\_Application : Name of the software package used to create the file, such as Microsoft WaveEdiT

Encoded\_Application/String : Name of the software package used to create the file, such as Microsoft WaveEdit, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'

Encoded\_Application\_Company : Name of the company of the encoding application

Encoded\_Application\_Name : Name of the encoding product

Encoded\_Application\_Version : Version of the encoding product

Encoded\_Application\_Url : URL associated with the encoding software

Encoded\_Library : Software used to create the file

Encoded\_Library/String : Software used to create the file, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'

Encoded\_Library\_CompanyName : Name of the company

Encoded\_Library\_Name : Name of the the encoding library

Encoded\_Library\_Version : Version of encoding library

Encoded\_Library\_Date : Release date of encoding library

Encoded\_Library\_Settings : Parameters used by the encoding library

Encoded\_OperatingSystem : Operating System used by encoding application

Cropped : Describes whether an image has been cropped and, if so, how it was cropped

Dimensions : Specifies the size of the original subject of the file (e.g. 8.5 in h, 11 in w)

DotsPerInch : Stores dots per inch setting of the digitization mechanism used to produce the file

Lightness : Describes the changes in lightness settings on the digitization mechanism made during the production of the file

OriginalSourceMedium : Original medium of the material (e.g. vinyl, Audio-CD, Super8 or BetaMax)

OriginalSourceForm : Original form of the material (e.g. slide, paper, map)

OriginalSourceForm/NumCol : Number of colors requested when digitizing (e.g. 256 for images or 32 bit RGB for video)

OriginalSourceForm/Name : Name of the product the file was originally intended for

OriginalSourceForm/Croppe : Describes whether the original image has been cropped and, if so, how it was cropped (e.g. 16:9 to 4:3, top and bottom)

OriginalSourceForm/Sharpen : Identifies changes in sharpness the digitization mechanism made during the production of the file

Tagged\_Application : Software used to tag the file

BPM : Average number of beats per minute

ISRC : International Standard Recording Code, excluding the ISRC prefix and including hyphens

ISBN : International Standard Book Number.

BarCode : EAN-13 (13-digit European Article Numbering) or UPC-A (12-digit Universal Product Code) bar code identifier



LCCN : Library of Congress Control Number  
 CatalogNumber : A label-specific catalogue number used to identify the release. e.g. TIC 01  
 LabelCode : A 4-digit or 5-digit number to identify the record label, typically printed as (LC) xxxx or (LC) 0xxxx on CDs medias or covers, with only the number being stored  
 Owner : Owner of the file  
 Copyright : Copyright attribution  
 Copyright/Url : Link to a site with copyright/legal information  
 Producer\_Copyright : Copyright information as per the production copyright holder  
 TermsOfUse : License information (e.g. All Rights Reserved, Any Use Permitted)  
 ServiceName  
 ServiceChannel  
 Service/Url  
 ServiceProvider  
 ServiceProvider/Url  
 ServiceType  
 NetworkName  
 OriginalNetworkName  
 Country  
 TimeZone  
 Cover : Is there a cover  
 Cover\_Description : Short description (e.g. Earth in space)  
 Cover\_Type  
 Cover\_Mime : Mime type of cover file  
 Cover\_Data : Cover, in binary format, encoded as BASE64  
 Lyrics : Text of a song  
 Comment : Any comment related to the content  
 Rating : A numeric value defining how much a person likes the song/movie. The number is between 0 and 5 with decimal values possible (e.g. 2.7), 5(.0) being the highest possible rating.  
 Added\_Date : Date/year the item was added to the owners collection  
 Played\_First\_Date : Date the owner first played an item  
 Played\_Last\_Date : Date the owner last played an item  
 Played\_Count : Number of times an item was played  
 EPG\_Positions\_Begin  
 EPG\_Positions\_End  
  
 Video  
 Count : Count of objects available in this stream  
 Status : bit field (0=IsAccepted, 1=IsFilled, 2=IsUpdated, 3=IsFinished)  
 StreamCount : Count of streams of that kind available  
 StreamKind : Stream type name  
 StreamKind/String : Stream type name

StreamKindID : Number of the stream (base=0)  
 StreamKindPos : When multiple streams, number of the stream (base=1)  
 StreamOrder : Stream order in the file, whatever is the kind of stream (base=0)  
 FirstPacketOrder : Order of the first fully decodable packet met in the file, whatever is the kind of stream (base=0)  
 Inform : Last **\*\*Inform\*\*** call  
 ID : The ID for this stream in this file  
 ID/String : The ID for this stream in this file  
 OriginalSourceMedium\_ID : The ID for this stream in the original medium of the material  
 OriginalSourceMedium\_ID/S : The ID for this stream in the original medium of the material  
 UniqueID : The unique ID for this stream, should be copied with stream copy  
 UniqueID/String : The unique ID for this stream, should be copied with stream copy  
 MenuID : The menu ID for this stream in this file  
 MenuID/String : The menu ID for this stream in this file  
 Format : Format used  
 Format/String : Format used + additional features  
 Format/Info : Info about Format  
 Format/Url : Link  
 Format\_Commercial : Commercial name used by vendor for theses settings or Format field if there is no difference  
 Format\_Commercial\_IfAny : Commercial name used by vendor for theses settings if there is one  
 Format\_Version : Version of this format  
 Format\_Profile : Profile of the Format (old XML: 'Profile@Level@Tier' format)  
 Format\_Level : Level of the Format (only MIXML)  
 Format\_Tier : Tier of the Format (only MIXML)  
 Format\_Compression : Compression method used  
 Format\_AdditionalFeatures : Format features needed for fully supporting the content  
 MultiView\_BaseProfile : Multiview, profile of the base stream  
 MultiView\_Count : Multiview, count of views  
 MultiView\_Layout : Multiview, how views are muxed in the container in case of it is not muxing in the stream  
 HDR\_Format : Format used  
 HDR\_Format/String : Format used + version + profile + level + layers + settings + compatibility  
 HDR\_Format\_Commercial : Commercial name used by vendor for theses HDR settings or HDR Format field if there is no difference  
 HDR\_Format\_Version : Version of this format  
 HDR\_Format\_Profile : Profile of the Format  
 HDR\_Format\_Level : Level of the Format  
 HDR\_Format\_Settings : Settings of the Format  
 HDR\_Format\_Compatibility : Compatibility with some commercial namings  
 Format\_Settings : Settings needed for decoder used, summary

Format\_Settings\_BVOP : Settings needed for decoder used, detailed  
 Format\_Settings\_BVOP/Stri : Settings needed for decoder used, detailed  
 Format\_Settings\_QPel : Settings needed for decoder used, detailed  
 Format\_Settings\_QPel/Stri : Settings needed for decoder used, detailed  
 Format\_Settings\_GMC : Settings needed for decoder used, detailed  
 Format\_Settings\_GMC/String  
 Format\_Settings\_Matrix : Settings needed for decoder used, detailed  
 Format\_Settings\_Matrix/St : Settings needed for decoder used, detailed  
 Format\_Settings\_Matrix\_Da : Matrix, in binary format encoded BASE64. Order = intra, non-intra, gray intra, gray non-intra  
 Format\_Settings\_CABAC : Settings needed for decoder used, detailed  
 Format\_Settings\_CABAC/Str : Settings needed for decoder used, detailed  
 Format\_Settings\_RefFrames : Settings needed for decoder used, detailed  
 Format\_Settings\_RefFrames : Settings needed for decoder used, detailed  
 Format\_Settings\_Pulldown : Settings needed for decoder used, detailed  
 Format\_Settings\_Endianness  
 Format\_Settings\_Packing  
 Format\_Settings\_FrameMode : Settings needed for decoder used, detailed  
 Format\_Settings\_GOP : Settings needed for decoder used, detailed (M=x N=y)  
 Format\_Settings\_PictureSt : Settings needed for decoder used, detailed (Type of frame, and field/frame info)  
 Format\_Settings\_Wrapping : Wrapping mode (Frame wrapped or Clip wrapped)  
 InternetMediaType : Internet Media Type (aka MIME Type, Content-Type)  
 MuxingMode : How this file is muxed in the container  
 CodecID : Codec ID (found in some containers)  
 CodecID/String : Codec ID (found in some containers)  
 CodecID/Info : Info on the codec  
 CodecID/Hint : Hint/popular name for this codec  
 CodecID/Url : Homepage for more details about this codec  
 CodecID\_Description : Manual description given by the container  
 Codec : Deprecated, do not use in new projects  
 Codec/String : Deprecated, do not use in new projects  
 Codec/Family : Deprecated, do not use in new projects  
 Codec/Info : Deprecated, do not use in new projects  
 Codec/Url : Deprecated, do not use in new projects  
 Codec/CC : Deprecated, do not use in new projects  
 Codec\_Profile : Deprecated, do not use in new projects  
 Codec\_Description : Deprecated, do not use in new projects  
 Codec\_Settings : Deprecated, do not use in new projects  
 Codec\_Settings\_PacketBitS : Deprecated, do not use in new projects  
 Codec\_Settings\_BVOP : Deprecated, do not use in new projects  
 Codec\_Settings\_QPel : Deprecated, do not use in new projects  
 Codec\_Settings\_GMC : Deprecated, do not use in new projects

Codec\_Settings\_GMC/String : Deprecated, do not use in new projects  
 Codec\_Settings\_Matrix : Deprecated, do not use in new projects  
 Codec\_Settings\_Matrix\_Dat : Deprecated, do not use in new projects  
 Codec\_Settings\_CABAC : Deprecated, do not use in new projects  
 Codec\_Settings\_RefFrames : Deprecated, do not use in new projects  
 Duration : Play time of the stream in ms  
 Duration/String : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String1 : Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration/String2 : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String3 : Play time in format : HH:MM:SS.MMM  
 Duration/String4 : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration/String5 : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_FirstFrame : Duration of the first frame if it is longer than others, in ms  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HH:MM:SS.MMM  
 Duration\_FirstFrame/String : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration\_FirstFrame/String : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_LastFrame : Duration of the last frame if it is longer than others, in ms  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HH:MM:SS.MMM  
 Duration\_LastFrame/String : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration\_LastFrame/String : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Source\_Duration : Source Play time of the stream, in ms  
 Source\_Duration/String : Source Play time in format : XXx YYy only, YYy omitted if zero  
 Source\_Duration/String1 : Source Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Source\_Duration/String2 : Source Play time in format : XXx YYy only, YYy omitted if zero  
 Source\_Duration/String3 : Source Play time in format : HH:MM:SS.MMM

Source\_Duration/String4 : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration/String5 : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in ms

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_FirstFram : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_FirstFram : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in ms

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_LastFrame : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_LastFrame : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)

BitRate\_Mode : Bit rate mode (VBR, CBR)

BitRate\_Mode/String : Bit rate mode (Variable, Cconstant)

BitRate : Bit rate in bps

BitRate/String : Bit rate (with measurement)

BitRate\_Minimum : Minimum Bit rate in bps

BitRate\_Minimum/String : Minimum Bit rate (with measurement)

BitRate\_Nominal : Nominal Bit rate in bps

BitRate\_Nominal/String : Nominal Bit rate (with measurement)

BitRate\_Maximum : Maximum Bit rate in bps

BitRate\_Maximum/String : Maximum Bit rate (with measurement)

BitRate\_Encoded : Encoded (with forced padding) bit rate in bps, if some container padding is present

BitRate\_Encoded/String : Encoded (with forced padding) bit rate (with measurement), if some container padding is present

Width : Width (aperture size if present) in pixel

Width/String : Width (aperture size if present) with measurement (pixel)

Width\_Offset : Offset between original width and displayed width in pixel  
 Width\_Offset/String : Offset between original width and displayed width in pixel  
 Width\_Original : Original (in the raw stream) width in pixel  
 Width\_Original/String : Original (in the raw stream) width with measurement (pixel)  
 Width\_CleanAperture : Clean Aperture width in pixel  
 Width\_CleanAperture/String : Clean Aperture width with measurement (pixel)  
 Height : Height in pixel  
 Height/String : Height with measurement (pixel)  
 Height\_Offset : Offset between original height and displayed height in pixel  
 Height\_Offset/String : Offset between original height and displayed height in pixel  
 Height\_Original : Original (in the raw stream) height in pixel  
 Height\_Original/String : Original (in the raw stream) height with measurement (pixel)  
 Height\_CleanAperture : Clean Aperture height in pixel  
 Height\_CleanAperture/String : Clean Aperture height with measurement (pixel)  
 Stored\_Width : Stored width  
 Stored\_Height : Stored height  
 Sampled\_Width : Sampled width  
 Sampled\_Height : Sampled height  
 PixelAspectRatio : Pixel Aspect ratio  
 PixelAspectRatio/String : Pixel Aspect ratio  
 PixelAspectRatio\_Original : Original (in the raw stream) Pixel Aspect ratio  
 PixelAspectRatio\_Original : Original (in the raw stream) Pixel Aspect ratio  
 PixelAspectRatio\_CleanApe : Clean Aperture Pixel Aspect ratio  
 PixelAspectRatio\_CleanApe : Clean Aperture Pixel Aspect ratio  
 DisplayAspectRatio : Display Aspect ratio  
 DisplayAspectRatio/String : Display Aspect ratio  
 DisplayAspectRatio\_Origin : Original (in the raw stream) Display Aspect ratio  
 DisplayAspectRatio\_Origin : Original (in the raw stream) Display Aspect ratio  
 DisplayAspectRatio\_CleanA : Clean Aperture Display Aspect ratio  
 DisplayAspectRatio\_CleanA : Clean Aperture Display Aspect ratio  
 ActiveFormatDescription : Active Format Description (AFD value)  
 ActiveFormatDescription/S : Active Format Description (text)  
 ActiveFormatDescription\_M : Active Format Description (AFD value) muxing mode (Ancillary or Raw stream)  
 Rotation : Rotation  
 Rotation/String : Rotation (if not horizontal)  
 FrameRate\_Mode : Frame rate mode (CFR, VFR)  
 FrameRate\_Mode/String : Frame rate mode (Constant, Variable)  
 FrameRate\_Mode\_Original : Original frame rate mode (CFR, VFR)  
 FrameRate\_Mode\_Original/S : Original frame rate mode (Constant, Variable)  
 FrameRate : Frames per second  
 FrameRate/String : Frames per second (with measurement)  
 FrameRate\_Num : Frames per second, numerator

FrameRate\_Den : Frames per second, denominator  
 FrameRate\_Minimum : Minimum Frames per second  
 FrameRate\_Minimum/String : Minimum Frames per second (with measurement)  
 FrameRate\_Nominal : Nominal Frames per second  
 FrameRate\_Nominal/String : Nominal Frames per second (with measurement)  
 FrameRate\_Maximum : Maximum Frames per second  
 FrameRate\_Maximum/String : Maximum Frames per second (with measurement)  
 FrameRate\_Original : Original (in the raw stream) frames per second  
 FrameRate\_Original/String : Original (in the raw stream) frames per second (with measurement)  
 FrameRate\_Original\_Num : Frames per second, numerator  
 FrameRate\_Original\_Den : Frames per second, denominator  
 FrameCount : Number of frames  
 Source\_FrameCount : Source Number of frames  
 Standard : NTSC or PAL  
 Resolution : Deprecated, do not use in new projects  
 Resolution/String : Deprecated, do not use in new projects  
 Colorimetry : Deprecated, do not use in new projects  
 ColorSpace  
 ChromaSubsampling  
 ChromaSubsampling/String  
 ChromaSubsampling\_Position  
 BitDepth : 16/24/32  
 BitDepth/String : 16/24/32 bits  
 ScanType  
 ScanType/String  
 ScanType\_Original  
 ScanType\_Original/String  
 ScanType\_StoreMethod  
 ScanType\_StoreMethod\_FieldsPerBlock  
 ScanType\_StoreMethod/String  
 ScanOrder  
 ScanOrder/String  
 ScanOrder\_Stored  
 ScanOrder\_Stored/String  
 ScanOrder\_StoredDisplayedInverted  
 ScanOrder\_Original  
 ScanOrder\_Original/String  
 Interlacement : Deprecated, do not use in new projects  
 Interlacement/String : Deprecated, do not use in new projects  
 Compression\_Mode : Compression mode (Lossy or Lossless)  
 Compression\_Mode/String : Compression mode (Lossy or Lossless)  
 Compression\_Ratio : Current stream size divided by uncompressed stream size  
 Bits-(Pixel\*Frame) : bits/(Pixel\*Frame) (like Gordian Knot)

Delay : Delay fixed in the stream (relative) IN MS  
 Delay/String : Delay with measurement  
 Delay/String1 : Delay with measurement  
 Delay/String2 : Delay with measurement  
 Delay/String3 : Delay in format : HH:MM:SS.MMM  
 Delay/String4 : Delay in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Delay\_Settings : Delay settings (in case of timecode for example)  
 Delay\_DropFrame : Delay drop frame  
 Delay\_Source : Delay source (Container or Stream or empty)  
 Delay\_Source/String : Delay source (Container or Stream or empty)  
 Delay\_Original : Delay fixed in the raw stream (relative) IN MS  
 Delay\_Original/String : Delay with measurement  
 Delay\_Original/String1 : Delay with measurement  
 Delay\_Original/String2 : Delay with measurement  
 Delay\_Original/String3 : Delay in format: HH:MM:SS.MMM  
 Delay\_Original/String4 : Delay in format: HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay\_Original/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Delay\_Original\_Settings : Delay settings (in case of timecode for example)  
 Delay\_Original\_DropFrame : Delay drop frame info  
 Delay\_Original\_Source : Delay source (Stream or empty)  
 TimeStamp\_FirstFrame : TimeStamp fixed in the stream (relative) IN MS  
 TimeStamp\_FirstFrame/String : TimeStamp with measurement  
 TimeStamp\_FirstFrame/String1 : TimeStamp with measurement  
 TimeStamp\_FirstFrame/String2 : TimeStamp with measurement  
 TimeStamp\_FirstFrame/String3 : TimeStamp in format : HH:MM:SS.MMM  
 TimeStamp\_FirstFrame/String4 : TimeStamp in format: HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 TimeStamp\_FirstFrame/String5 : TimeStamp in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 TimeCode\_FirstFrame : Time code in HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available format  
 TimeCode\_Settings : Time code settings  
 TimeCode\_Source : Time code source (Container, Stream, SystemScheme1, SDTI, ANC...)  
 Gop\_OpenClosed : Time code information about Open/Closed  
 Gop\_OpenClosed/String : Time code information about Open/Closed  
 Gop\_OpenClosed\_FirstFrame : Time code information about Open/Closed of first frame if GOP is Open for the other GOPs  
 Gop\_OpenClosed\_FirstFrame : Time code information about Open/Closed of first frame if GOP is Open for the other GOPs  
 StreamSize : Streamsize in bytes



StreamSize/String : Streamsize in with percentage value

StreamSize/String1

StreamSize/String2

StreamSize/String3

StreamSize/String4

StreamSize/String5 : Streamsize in with percentage value

StreamSize\_Proportion : Stream size divided by file size

StreamSize\_Demuxed : StreamSize in bytes of hte stream after demux

StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value

StreamSize\_Demuxed/String1

StreamSize\_Demuxed/String2

StreamSize\_Demuxed/String3

StreamSize\_Demuxed/String4

StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value (note: theoritical value, not for real use)

Source\_StreamSize : Source Streamsize in bytes

Source\_StreamSize/String : Source Streamsize in with percentage value

Source\_StreamSize/String1

Source\_StreamSize/String2

Source\_StreamSize/String3

Source\_StreamSize/String4

Source\_StreamSize/String5 : Source Streamsize in with percentage value

Source\_StreamSize\_Proport : Source Stream size divided by file size

StreamSize\_Encoded : Encoded Streamsize in bytes

StreamSize\_Encoded/String : Encoded Streamsize in with percentage value

StreamSize\_Encoded/String1

StreamSize\_Encoded/String2

StreamSize\_Encoded/String3

StreamSize\_Encoded/String4

StreamSize\_Encoded/String : Encoded Streamsize in with percentage value

StreamSize\_Encoded\_Propor : Encoded Stream size divided by file size

Source\_StreamSize\_Encoded : Source Encoded Streamsize in bytes

Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value

Source\_StreamSize\_Encoded/String1

Source\_StreamSize\_Encoded/String2

Source\_StreamSize\_Encoded/String3

Source\_StreamSize\_Encoded/String4

Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value

Source\_StreamSize\_Encoded : Source Encoded Stream size divided by file size

Alignment : How this stream file is aligned in the container

Alignment/String

Title : Name of the track

Encoded\_Application : Name of the software package used to create the file, such as Microsoft WaveEdit  
 Encoded\_Application/String : Name of the software package used to create the file, such as Microsoft WaveEdit, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'  
 Encoded\_Application\_Compa : Name of the company  
 Encoded\_Application\_Name : Name of the product  
 Encoded\_Application\_Versi : Version of the product  
 Encoded\_Application\_Url : Name of the software package used to create the file, such as Microsoft WaveEdit.  
 Encoded\_Library : Software used to create the file  
 Encoded\_Library/String : Software used to create the file, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'  
 Encoded\_Library\_CompanyNa : Name of the company  
 Encoded\_Library\_Name : Name of the the encoding-software  
 Encoded\_Library\_Version : Version of encoding-software  
 Encoded\_Library\_Date : Release date of software  
 Encoded\_Library\_Settings : Parameters used by the software  
 Encoded\_OperatingSystem : Operating System of encoding-software  
 Language : Language (2-letter ISO 639-1 if exists, else 3-letter ISO 639-2, and with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn)  
 Language/String : Language (full)  
 Language/String1 : Language (full)  
 Language/String2 : Language (2-letter ISO 639-1 if exists, else empty)  
 Language/String3 : Language (3-letter ISO 639-2 if exists, else empty)  
 Language/String4 : Language (2-letter ISO 639-1 if exists with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn, else empty)  
 Language\_More : More info about Language (e.g. Director's Comment)  
 ServiceKind : Service kind, e.g. visually impaired, commentary, voice over  
 ServiceKind/String : Service kind (full)  
 Disabled : Set if that track should not be used  
 Disabled/String : Set if that track should not be used  
 Default : Set if that track should be used if no language found matches the user preference.  
 Default/String : Set if that track should be used if no language found matches the user preference.  
 Forced : Set if that track should be used if no language found matches the user preference.  
 Forced/String : Set if that track should be used if no language found matches the user preference.  
 AlternateGroup : Number of a group in order to provide versions of the same track  
 AlternateGroup/String : Number of a group in order to provide versions of the same track  
 Encoded\_Date : UTC time that the encoding of this item was completed began.

Tagged\_Date : UTC time that the tags were done for this item.  
 Encryption  
 BufferSize : Defines the size of the buffer needed to decode the sequence.  
 colour\_description\_presen : Presence of colour description  
 colour\_description\_presen : Presence of colour description (source)  
 colour\_description\_presen : Presence of colour description (if incoherencies)  
 colour\_description\_presen : Presence of colour description (source if incoherencies)  
 colour\_range : Colour range for YUV colour space  
 colour\_range\_Source : Colour range for YUV colour space (source)  
 colour\_range\_Original : Colour range for YUV colour space (if incoherencies)  
 colour\_range\_Original\_Sou : Colour range for YUV colour space (source if incoherencies)  
 colour\_primaries : Chromaticity coordinates of the source primaries  
 colour\_primaries\_Source : Chromaticity coordinates of the source primaries (source)  
 colour\_primaries\_Original : Chromaticity coordinates of the source primaries (if incoherencies)  
 colour\_primaries\_Original : Chromaticity coordinates of the source primaries (source if incoherencies)  
 transfer\_characteristics : Opto-electronic transfer characteristic of the source picture  
 transfer\_characteristics\_ : Opto-electronic transfer characteristic of the source picture (source)  
 transfer\_characteristics\_ : Opto-electronic transfer characteristic of the source picture (if incoherencies)  
 transfer\_characteristics\_ : Opto-electronic transfer characteristic of the source picture (source if incoherencies)  
 matrix\_coefficients : Matrix coefficients used in deriving luma and chroma signals from the green, blue, and red primaries  
 matrix\_coefficients\_Sourc : Matrix coefficients used in deriving luma and chroma signals from the green, blue, and red primaries (source)  
 matrix\_coefficients\_Origi : Matrix coefficients used in deriving luma and chroma signals from the green, blue, and red primaries (if incoherencies)  
 matrix\_coefficients\_Origi : Matrix coefficients used in deriving luma and chroma signals from the green, blue, and red primaries (source if incoherencies)  
 MasteringDisplay\_ColorPri : Chromaticity coordinates of the source primaries of the mastering display  
 MasteringDisplay\_ColorPri : Chromaticity coordinates of the source primaries of the mastering display (source)  
 MasteringDisplay\_ColorPri : Chromaticity coordinates of the source primaries of the mastering display (if incoherencies)  
 MasteringDisplay\_ColorPri : Chromaticity coordinates of the source primaries of the mastering display (source if incoherencies)  
 MasteringDisplay\_Luminanc : Luminance of the mastering display  
 MasteringDisplay\_Luminanc : Luminance of the mastering display (source)  
 MasteringDisplay\_Luminanc : Luminance of the mastering display (if incoherencies)  
 MasteringDisplay\_Luminanc : Luminance of the mastering display (source if incoherencies)  
 MaxCLL : Maximum content light level

MaxCLL\_Source : Maximum content light level (source)  
 MaxCLL\_Original : Maximum content light level (if incoherencies)  
 MaxCLL\_Original\_Source : Maximum content light level (source if incoherencies)  
 MaxFALL : Maximum frame average light level  
 MaxFALL\_Source : Maximum frame average light level (source)  
 MaxFALL\_Original : Maximum frame average light level (if incoherencies)  
 MaxFALL\_Original\_Source : Maximum frame average light level (source if incoherencies)

## Audio

Count : Count of objects available in this stream  
 Status : bit field (0=IsAccepted, 1=IsFilled, 2=IsUpdated, 3=IsFinished)  
 StreamCount : Count of streams of that kind available  
 StreamKind : Stream type name  
 StreamKind/String : Stream type name  
 StreamKindID : Number of the stream (base=0)  
 StreamKindPos : When multiple streams, number of the stream (base=1)  
 StreamOrder : Stream order in the file, whatever is the kind of stream (base=0)  
 FirstPacketOrder : Order of the first fully decodable packet met in the file, whatever is the kind of stream (base=0)  
 Inform : Last **\*\*Inform\*\*** call  
 ID : The ID for this stream in this file  
 ID/String : The ID for this stream in this file  
 OriginalSourceMedium\_ID : The ID for this stream in the original medium of the material  
 OriginalSourceMedium\_ID/S : The ID for this stream in the original medium of the material  
 UniqueID : The unique ID for this stream, should be copied with stream copy  
 UniqueID/String : The unique ID for this stream, should be copied with stream copy  
 MenuID : The menu ID for this stream in this file  
 MenuID/String : The menu ID for this stream in this file  
 Format : Format used  
 Format/String : Format used + additional features  
 Format/Info : Info about the format  
 Format/Url : Homepage of this format  
 Format\_Commercial : Commercial name used by vendor for theses settings or Format field if there is no difference  
 Format\_Commercial\_IfAny : Commercial name used by vendor for theses settings if there is one  
 Format\_Version : Version of this format  
 Format\_Profile : Profile of the Format (old XML: 'Profile@Level' format)  
 Format\_Level : Level of the Format (only MIXML)  
 Format\_Compression : Compression method used  
 Format\_Settings : Settings needed for decoder used, summary  
 Format\_Settings\_SBR  
 Format\_Settings\_SBR/String

Format\_Settings\_PS  
 Format\_Settings\_PS/String  
 Format\_Settings\_Mode  
 Format\_Settings\_ModeExtension  
 Format\_Settings\_Emphasis  
 Format\_Settings\_Floor  
 Format\_Settings\_Firm  
 Format\_Settings\_Endianness  
 Format\_Settings\_Sign  
 Format\_Settings\_Law  
 Format\_Settings\_ITU  
 Format\_Settings\_Wrapping : Wrapping mode (Frame wrapped or Clip wrapped)  
 Format\_AdditionalFeatures : Format features needed for fully supporting the content  
 Matrix\_Format : Matrix format (e.g. DTS Neural)  
 InternetMediaType : Internet Media Type (aka MIME Type, Content-Type)  
 MuxingMode : How this stream is muxed in the container  
 MuxingMode\_MoreInfo : More info (text) about the muxing mode  
 CodecID : Codec ID (found in some containers)  
 CodecID/String : Codec ID (found in some containers)  
 CodecID/Info : Info about codec ID  
 CodecID/Hint : Hint/popular name for this codec ID  
 CodecID/Url : Homepage for more details about this codec ID  
 CodecID\_Description : Manual description given by the container  
 Codec : Deprecated, do not use in new projects  
 Codec/String : Deprecated, do not use in new projects  
 Codec/Family : Deprecated, do not use in new projects  
 Codec/Info : Deprecated, do not use in new projects  
 Codec/Url : Deprecated, do not use in new projects  
 Codec/CC : Deprecated, do not use in new projects  
 Codec\_Description : Deprecated, do not use in new projects  
 Codec\_Profile : Deprecated, do not use in new projects  
 Codec\_Settings : Deprecated, do not use in new projects  
 Codec\_Settings\_Automatic : Deprecated, do not use in new projects  
 Codec\_Settings\_Floor : Deprecated, do not use in new projects  
 Codec\_Settings\_Firm : Deprecated, do not use in new projects  
 Codec\_Settings\_Endianness : Deprecated, do not use in new projects  
 Codec\_Settings\_Sign : Deprecated, do not use in new projects  
 Codec\_Settings\_Law : Deprecated, do not use in new projects  
 Codec\_Settings\_ITU : Deprecated, do not use in new projects  
 Duration : Play time of the stream, in ms  
 Duration/String : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String1 : Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration/String2 : Play time in format : XXx YYy only, YYy omitted if zero

Duration/String3 : Play time in format : HH:MM:SS.MMM  
 Duration/String4 : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration/String5 : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_FirstFrame : Duration of the first frame if it is longer than others, in ms  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HH:MM:SS.MMM  
 Duration\_FirstFrame/String : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration\_FirstFrame/String : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_LastFrame : Duration of the last frame if it is longer than others, in ms  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HH:MM:SS.MMM  
 Duration\_LastFrame/String : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration\_LastFrame/String : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Source\_Duration : Source Play time of the stream, in ms  
 Source\_Duration/String : Source Play time in format : XXx YYy only, YYy omitted if zero  
 Source\_Duration/String1 : Source Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Source\_Duration/String2 : Source Play time in format : XXx YYy only, YYy omitted if zero  
 Source\_Duration/String3 : Source Play time in format : HH:MM:SS.MMM  
 Source\_Duration/String4 : Source Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Source\_Duration/String5 : Source Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in ms  
 Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_FirstFrame : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_FirstFrame : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_FirstFrame : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_FirstFrame : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in ms

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS.mmm (HH:MM:SS:FF)

BitRate\_Mode : Bit rate mode (VBR, CBR)

BitRate\_Mode/String : Bit rate mode (Constant, Variable)

BitRate : Bit rate in bps

BitRate/String : Bit rate (with measurement)

BitRate\_Minimum : Minimum Bit rate in bps

BitRate\_Minimum/String : Minimum Bit rate (with measurement)

BitRate\_Nominal : Nominal Bit rate in bps

BitRate\_Nominal/String : Nominal Bit rate (with measurement)

BitRate\_Maximum : Maximum Bit rate in bps

BitRate\_Maximum/String : Maximum Bit rate (with measurement)

BitRate\_Encoded : Encoded (with forced padding) bit rate in bps, if some container padding is present

BitRate\_Encoded/String : Encoded (with forced padding) bit rate (with measurement), if some container padding is present

Channel(s) : Number of channels

Channel(s)/String : Number of channels (with measurement)

Channel(s)\_Original : Number of channels

Channel(s)\_Original/String : Number of channels (with measurement)

Matrix\_Channel(s) : Number of channels after matrix decoding

Matrix\_Channel(s)/String : Number of channels after matrix decoding (with measurement)

ChannelPositions : Position of channels

ChannelPositions\_Original : Position of channels

ChannelPositions/String2 : Position of channels (x/y.z format)  
 ChannelPositions\_Original : Position of channels (x/y.z format)  
 Matrix\_ChannelPositions : Position of channels after matrix decoding  
 Matrix\_ChannelPositions/S : Position of channels after matrix decoding (x/y.z format)  
 ChannelLayout : Layout of channels (in the stream)  
 ChannelLayout\_Original : Layout of channels (in the stream)  
 ChannelLayoutID : ID of layout of channels (e.g. MXF descriptor channel assignment).  
 Warning, sometimes this is not enough for uniquely identifying a layout (e.g. MXF descriptor channel assignment is SMPTE 377-4). For AC-3, the form is x,y with x=acmod and y=lfeon.  
 SamplesPerFrame : Sampling rate  
 SamplingRate : Sampling rate  
 SamplingRate/String : in KHz  
 SamplingCount : Sample count (based on sampling rate)  
 Source\_SamplingCount : Source Sample count (based on sampling rate)  
 FrameRate : Frames per second  
 FrameRate/String : Frames per second (with measurement)  
 FrameRate\_Num : Frames per second, numerator  
 FrameRate\_Den : Frames per second, denominator  
 FrameCount : Frame count (a frame contains a count of samples depends of the format)  
 Source\_FrameCount : Source Frame count (a frame contains a count of samples depends of the format)  
 Resolution : Deprecated, do not use in new projects  
 Resolution/String : Deprecated, do not use in new projects  
 BitDepth : Resolution in bits (8, 16, 20, 24). Note: significant bits in case the stored bit depth is different  
 BitDepth/String : Resolution in bits (8, 16, 20, 24). Note: significant bits in case the stored bit depth is different  
 BitDepth\_Detected : Detected (during scan of the input by the muxer) resolution in bits  
 BitDepth\_Detected/String : Detected (during scan of the input by the muxer) resolution in bits  
 BitDepth\_Stored : Stored Resolution in bits (8, 16, 20, 24)  
 BitDepth\_Stored/String : Stored Resolution in bits (8, 16, 20, 24)  
 Compression\_Mode : Compression mode (Lossy or Lossless)  
 Compression\_Mode/String : Compression mode (Lossy or Lossless)  
 Compression\_Ratio : Current stream size divided by uncompressed stream size  
 Delay : Delay fixed in the stream (relative) IN MS  
 Delay/String : Delay with measurement  
 Delay/String1 : Delay with measurement  
 Delay/String2 : Delay with measurement  
 Delay/String3 : Delay in format : HH:MM:SS.MMM  
 Delay/String4 : Delay in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)



Delay\_Settings : Delay settings (in case of timecode for example)  
 Delay\_DropFrame : Delay drop frame  
 Delay\_Source : Delay source (Container or Stream or empty)  
 Delay\_Source/String : Delay source (Container or Stream or empty)  
 Delay\_Original : Delay fixed in the raw stream (relative) IN MS  
 Delay\_Original/String : Delay with measurement  
 Delay\_Original/String1 : Delay with measurement  
 Delay\_Original/String2 : Delay with measurement  
 Delay\_Original/String3 : Delay in format: HH:MM:SS.MMM  
 Delay\_Original/String4 : Delay in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay\_Original/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Delay\_Original\_Settings : Delay settings (in case of timecode for example)  
 Delay\_Original\_DropFrame : Delay drop frame info  
 Delay\_Original\_Source : Delay source (Stream or empty)  
 Video\_Delay : Delay fixed in the stream (absolute / video)  
 Video\_Delay/String  
 Video\_Delay/String1  
 Video\_Delay/String2  
 Video\_Delay/String3  
 Video\_Delay/String4  
 Video\_Delay/String5  
 Video0\_Delay : Deprecated, do not use in new projects  
 Video0\_Delay/String : Deprecated, do not use in new projects  
 Video0\_Delay/String1 : Deprecated, do not use in new projects  
 Video0\_Delay/String2 : Deprecated, do not use in new projects  
 Video0\_Delay/String3 : Deprecated, do not use in new projects  
 Video0\_Delay/String4 : Deprecated, do not use in new projects  
 Video0\_Delay/String5 : Deprecated, do not use in new projects  
 ReplayGain\_Gain : The gain to apply to reach 89dB SPL on playback  
 ReplayGain\_Gain/String  
 ReplayGain\_Peak : The maximum absolute peak value of the item  
 StreamSize : Streamsize in bytes  
 StreamSize/String : Streamsize in with percentage value  
 StreamSize/String1  
 StreamSize/String2  
 StreamSize/String3  
 StreamSize/String4  
 StreamSize/String5 : Streamsize in with percentage value  
 StreamSize\_Proportion : Stream size divided by file size  
 StreamSize\_Demuxed : StreamSize in bytes of hte stream after demux  
 StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value  
 StreamSize\_Demuxed/String1

StreamSize\_Demuxed/String2  
StreamSize\_Demuxed/String3  
StreamSize\_Demuxed/String4  
StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value (note: theoritical value, not for real use)  
Source\_StreamSize : Source Streamsize in bytes  
Source\_StreamSize/String : Source Streamsize in with percentage value  
Source\_StreamSize/String1  
Source\_StreamSize/String2  
Source\_StreamSize/String3  
Source\_StreamSize/String4  
Source\_StreamSize/String5 : Source Streamsize in with percentage value  
Source\_StreamSize\_Proport : Source Stream size divided by file size  
StreamSize\_Encoded : Encoded Streamsize in bytes  
StreamSize\_Encoded/String : Encoded Streamsize in with percentage value  
StreamSize\_Encoded/String1  
StreamSize\_Encoded/String2  
StreamSize\_Encoded/String3  
StreamSize\_Encoded/String4  
StreamSize\_Encoded/String : Encoded Streamsize in with percentage value  
StreamSize\_Encoded\_Propor : Encoded Stream size divided by file size  
Source\_StreamSize\_Encoded : Source Encoded Streamsize in bytes  
Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value  
Source\_StreamSize\_Encoded/String1  
Source\_StreamSize\_Encoded/String2  
Source\_StreamSize\_Encoded/String3  
Source\_StreamSize\_Encoded/String4  
Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value  
Source\_StreamSize\_Encoded : Source Encoded Stream size divided by file size  
Alignment : How this stream file is aligned in the container  
Alignment/String : Where this stream file is aligned in the container  
Interleave\_VideoFrames : Between how many video frames the stream is inserted  
Interleave\_Duration : Between how much time (ms) the stream is inserted  
Interleave\_Duration/Strin : Between how much time and video frames the stream is inserted (with measurement)  
Interleave\_Preload : How much time is buffered before the first video frame  
Interleave\_Preload/String : How much time is buffered before the first video frame (with measurement)  
Title : Name of the track  
Encoded\_Application : Name of the software package used to create the file, such as Microsoft WaveEdit

Encoded\_Application/String : Name of the software package used to create the file, such as Microsoft WaveEdit, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'

Encoded\_Application\_Company : Name of the company

Encoded\_Application\_Name : Name of the product

Encoded\_Application\_Version : Version of the product

Encoded\_Application\_Url : Name of the software package used to create the file, such as Microsoft WaveEdit.

Encoded\_Library : Software used to create the file

Encoded\_Library/String : Software used to create the file, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'

Encoded\_Library\_CompanyName : Name of the company

Encoded\_Library\_Name : Name of the the encoding-software

Encoded\_Library\_Version : Version of encoding-software

Encoded\_Library\_Date : Release date of software

Encoded\_Library\_Settings : Parameters used by the software

Encoded\_OperatingSystem : Operating System of encoding-software

Language : Language (2-letter ISO 639-1 if exists, else 3-letter ISO 639-2, and with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn)

Language/String : Language (full)

Language/String1 : Language (full)

Language/String2 : Language (2-letter ISO 639-1 if exists, else empty)

Language/String3 : Language (3-letter ISO 639-2 if exists, else empty)

Language/String4 : Language (2-letter ISO 639-1 if exists with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn, else empty)

Language\_More : More info about Language (e.g. Director's Comment)

ServiceKind : Service kind, e.g. visually impaired, commentary, voice over

ServiceKind/String : Service kind (full)

Disabled : Set if that track should not be used

Disabled/String : Set if that track should not be used

Default : Set if that track should be used if no language found matches the user preference.

Default/String : Set if that track should be used if no language found matches the user preference.

Forced : Set if that track should be used if no language found matches the user preference.

Forced/String : Set if that track should be used if no language found matches the user preference.

AlternateGroup : Number of a group in order to provide versions of the same track

AlternateGroup/String : Number of a group in order to provide versions of the same track

Encoded\_Date : UTC time that the encoding of this item was completed began.

Tagged\_Date : UTC time that the tags were done for this item.

Encryption

Text

Count : Count of objects available in this stream

Status : bit field (0=IsAccepted, 1=IsFilled, 2=IsUpdated, 3=IsFinished)

StreamCount : Count of streams of that kind available

StreamKind : Stream type name

StreamKind/String : Stream type name

StreamKindID : Number of the stream (base=0)

StreamKindPos : When multiple streams, number of the stream (base=1)

StreamOrder : Stream order in the file, whatever is the kind of stream (base=0)

FirstPacketOrder : Order of the first fully decodable packet met in the file, whatever is the kind of stream (base=0)

Inform : Last **\*\*Inform\*\*** call

ID : The ID for this stream in this file

ID/String : The ID for this stream in this file

OriginalSourceMedium\_ID : The ID for this stream in the original medium of the material

OriginalSourceMedium\_ID/S : The ID for this stream in the original medium of the material

UniqueID : The unique ID for this stream, should be copied with stream copy

UniqueID/String : The unique ID for this stream, should be copied with stream copy

MenuID : The menu ID for this stream in this file

MenuID/String : The menu ID for this stream in this file

Format : Format used

Format/String : Format used + additional features

Format/Info : Info about Format

Format/Url : Link

Format\_Commercial : Commercial name used by vendor for theses settings or Format field if there is no difference

Format\_Commercial\_IfAny : Commercial name used by vendor for theses settings if there is one

Format\_Version : Version of this format

Format\_Profile : Profile of the Format

Format\_Compression : Compression method used

Format\_Settings : Settings needed for decoder used

Format\_Settings\_Wrapping : Wrapping mode (Frame wrapped or Clip wrapped)

Format\_AdditionalFeatures : Format features needed for fully supporting the content

InternetMediaType : Internet Media Type (aka MIME Type, Content-Type)

MuxingMode : How this stream is muxed in the container

MuxingMode\_MoreInfo : More info (text) about the muxing mode

CodecID : Codec ID (found in some containers)

CodecID/String : Codec ID (found in some containers)

CodecID/Info : Info about codec ID

CodecID/Hint : A hint for this codec ID

CodecID/Url : A link for more details about this codec ID

CodecID\_Description : Manual description given by the container  
 Codec : Deprecated  
 Codec/String : Deprecated  
 Codec/Info : Deprecated  
 Codec/Url : Deprecated  
 Codec/CC : Deprecated  
 Duration : Play time of the stream, in ms  
 Duration/String : Play time (formatted)  
 Duration/String1 : Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration/String2 : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String3 : Play time in format : HH:MM:SS.MMM  
 Duration/String4 : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration/String5 : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_FirstFrame : Duration of the first frame if it is longer than others, in ms  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HH:MM:SS.MMM  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration\_FirstFrame/String : Duration of the first frame if it is longer than others, in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_LastFrame : Duration of the last frame if it is longer than others, in ms  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HH:MM:SS.MMM  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration\_LastFrame/String : Duration of the last frame if it is longer than others, in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Source\_Duration : Source Play time of the stream, in ms  
 Source\_Duration/String : Source Play time in format : XXx YYy only, YYy omitted if zero

Source\_Duration/String1 : Source Play time in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration/String2 : Source Play time in format : XXx YYy only, YYy omitted if zero

Source\_Duration/String3 : Source Play time in format : HH:MM:SS.MMM

Source\_Duration/String4 : Source Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration/String5 : Source Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in ms

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in ms

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS.mmm (HH:MM:SS:FF)

BitRate\_Mode : Bit rate mode (VBR, CBR)

BitRate\_Mode/String : Bit rate mode (Constant, Variable)

BitRate : Bit rate in bps

BitRate/String : Bit rate (with measurement)

BitRate\_Minimum : Minimum Bit rate in bps

BitRate\_Minimum/String : Minimum Bit rate (with measurement)

BitRate\_Nominal : Nominal Bit rate in bps

BitRate\_Nominal/String : Nominal Bit rate (with measurement)

BitRate\_Maximum : Maximum Bit rate in bps

BitRate\_Maximum/String : Maximum Bit rate (with measurement)

BitRate\_Encoded : Encoded (with forced padding) bit rate in bps, if some container padding is present  
 BitRate\_Encoded/String : Encoded (with forced padding) bit rate (with measurement), if some container padding is present  
 Width : Width  
 Width/String  
 Height : Height  
 Height/String  
 FrameRate\_Mode : Frame rate mode (CFR, VFR)  
 FrameRate\_Mode/String : Frame rate mode (Constant, Variable)  
 FrameRate : Frames per second  
 FrameRate/String : Frames per second (with measurement)  
 FrameRate\_Num : Frames per second, numerator  
 FrameRate\_Den : Frames per second, denominator  
 FrameRate\_Minimum : Minimum Frames per second  
 FrameRate\_Minimum/String : Minimum Frames per second (with measurement)  
 FrameRate\_Nominal : Nominal Frames per second  
 FrameRate\_Nominal/String : Nominal Frames per second (with measurement)  
 FrameRate\_Maximum : Maximum Frames per second  
 FrameRate\_Maximum/String : Maximum Frames per second (with measurement)  
 FrameRate\_Original : Original (in the raw stream) Frames per second  
 FrameRate\_Original/String : Original (in the raw stream) Frames per second (with measurement)  
 FrameCount : Number of frames  
 ElementCount : Number of displayed elements  
 Source\_FrameCount : Source Number of frames  
 ColorSpace  
 ChromaSubsampling  
 Resolution : Deprecated, do not use in new projects  
 Resolution/String : Deprecated, do not use in new projects  
 BitDepth  
 BitDepth/String  
 Compression\_Mode : Compression mode (Lossy or Lossless)  
 Compression\_Mode/String : Compression mode (Lossy or Lossless)  
 Compression\_Ratio : Current stream size divided by uncompressed stream size  
 Delay : Delay fixed in the stream (relative) IN MS  
 Delay/String : Delay with measurement  
 Delay/String1 : Delay with measurement  
 Delay/String2 : Delay with measurement  
 Delay/String3 : Delay in format : HH:MM:SS.MMM  
 Delay/String4 : Delay in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Delay\_Settings : Delay settings (in case of timecode for example)  
 Delay\_DropFrame : Delay drop frame  
 Delay\_Source : Delay source (Container or Stream or empty)  
 Delay\_Source/String : Delay source (Container or Stream or empty)  
 Delay\_Original : Delay fixed in the raw stream (relative) IN MS  
 Delay\_Original/String : Delay with measurement  
 Delay\_Original/String1 : Delay with measurement  
 Delay\_Original/String2 : Delay with measurement  
 Delay\_Original/String3 : Delay in format: HH:MM:SS.MMM  
 Delay\_Original/String4 : Delay in format: HH:MM:SS:FF, last colon replaced by semicolon  
 for drop frame if available  
 Delay\_Original/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Delay\_Original\_Settings : Delay settings (in case of timecode for example)  
 Delay\_Original\_DropFrame : Delay drop frame info  
 Delay\_Original\_Source : Delay source (Stream or empty)  
 Video\_Delay : Delay fixed in the stream (absolute / video)  
 Video\_Delay/String  
 Video\_Delay/String1  
 Video\_Delay/String2  
 Video\_Delay/String3  
 Video\_Delay/String4  
 Video\_Delay/String5  
 Video0\_Delay : Deprecated, do not use in new projects  
 Video0\_Delay/String : Deprecated, do not use in new projects  
 Video0\_Delay/String1 : Deprecated, do not use in new projects  
 Video0\_Delay/String2 : Deprecated, do not use in new projects  
 Video0\_Delay/String3 : Deprecated, do not use in new projects  
 Video0\_Delay/String4 : Deprecated, do not use in new projects  
 Video0\_Delay/String5 : Deprecated, do not use in new projects  
 StreamSize : Streamsize in bytes  
 StreamSize/String : Streamsize in with percentage value  
 StreamSize/String1  
 StreamSize/String2  
 StreamSize/String3  
 StreamSize/String4  
 StreamSize/String5 : Streamsize in with percentage value  
 StreamSize\_Proportion : Stream size divided by file size  
 StreamSize\_Demuxed : StreamSize in bytes of hte stream after demux  
 StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value  
 StreamSize\_Demuxed/String1  
 StreamSize\_Demuxed/String2  
 StreamSize\_Demuxed/String3  
 StreamSize\_Demuxed/String4



StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value (note: theoretical value, not for real use)

Source\_StreamSize : Source Streamsize in bytes

Source\_StreamSize/String : Source Streamsize in with percentage value

Source\_StreamSize/String1

Source\_StreamSize/String2

Source\_StreamSize/String3

Source\_StreamSize/String4

Source\_StreamSize/String5 : Source Streamsize in with percentage value

Source\_StreamSize\_Proport : Source Stream size divided by file size

StreamSize\_Encoded : Encoded Streamsize in bytes

StreamSize\_Encoded/String : Encoded Streamsize in with percentage value

StreamSize\_Encoded/String1

StreamSize\_Encoded/String2

StreamSize\_Encoded/String3

StreamSize\_Encoded/String4

StreamSize\_Encoded/String : Encoded Streamsize in with percentage value

StreamSize\_Encoded\_Propor : Encoded Stream size divided by file size

Source\_StreamSize\_Encoded : Source Encoded Streamsize in bytes

Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value

Source\_StreamSize\_Encoded/String1

Source\_StreamSize\_Encoded/String2

Source\_StreamSize\_Encoded/String3

Source\_StreamSize\_Encoded/String4

Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value

Source\_StreamSize\_Encoded : Source Encoded Stream size divided by file size

Title : Name of the track

Encoded\_Application : Name of the software package used to create the file, such as Microsoft WaveEdit

Encoded\_Application/Strin : Name of the software package used to create the file, such as Microsoft WaveEdit, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'

Encoded\_Application\_Compa : Name of the company

Encoded\_Application\_Name : Name of the product

Encoded\_Application\_Versi : Version of the product

Encoded\_Application\_Url : Name of the software package used to create the file, such as Microsoft WaveEdit.

Encoded\_Library : Software used to create the file

Encoded\_Library/String : Software used to create the file, trying to have the format 'CompanyName ProductName (OperatingSystem) Version (Date)'

Encoded\_Library\_CompanyNa : Name of the company

Encoded\_Library\_Name : Name of the the encoding-software

Encoded\_Library\_Version : Version of encoding-software

Encoded\_Library\_Date : Release date of software  
 Encoded\_Library\_Settings : Parameters used by the software  
 Encoded\_OperatingSystem : Operating System of encoding-software  
 Language : Language (2-letter ISO 639-1 if exists, else 3-letter ISO 639-2, and with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn)  
 Language/String : Language (full)  
 Language/String1 : Language (full)  
 Language/String2 : Language (2-letter ISO 639-1 if exists, else empty)  
 Language/String3 : Language (3-letter ISO 639-2 if exists, else empty)  
 Language/String4 : Language (2-letter ISO 639-1 if exists with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn, else empty)  
 Language\_More : More info about Language (e.g. Director's Comment)  
 ServiceKind : Service kind, e.g. visually impaired, commentary, voice over  
 ServiceKind/String : Service kind (full)  
 Disabled : Set if that track should not be used  
 Disabled/String : Set if that track should not be used  
 Default : Set if that track should be used if no language found matches the user preference.  
 Default/String : Set if that track should be used if no language found matches the user preference.  
 Forced : Set if that track should be used if no language found matches the user preference.  
 Forced/String : Set if that track should be used if no language found matches the user preference.  
 AlternateGroup : Number of a group in order to provide versions of the same track  
 AlternateGroup/String : Number of a group in order to provide versions of the same track  
 Summary  
 Encoded\_Date : The time that the encoding of this item was completed began.  
 Tagged\_Date : The time that the tags were done for this item.  
 Encryption

#### Other

Count : Count of objects available in this stream  
 Status : bit field (0=IsAccepted, 1=IsFilled, 2=IsUpdated, 3=IsFinished)  
 StreamCount : Count of streams of that kind available  
 StreamKind : Stream type name  
 StreamKind/String : Stream type name  
 StreamKindID : Number of the stream (base=0)  
 StreamKindPos : When multiple streams, number of the stream (base=1)  
 StreamOrder : Stream order in the file, whatever is the kind of stream (base=0)  
 FirstPacketOrder : Order of the first fully decodable packet met in the file, whatever is the kind of stream (base=0)  
 Inform : Last \*\*Inform\*\* call

ID : The ID for this stream in this file  
 ID/String : The ID for this stream in this file  
 OriginalSourceMedium\_ID : The ID for this stream in the original medium of the material  
 OriginalSourceMedium\_ID/S : The ID for this stream in the original medium of the material  
 UniqueID : The unique ID for this stream, should be copied with stream copy  
 UniqueID/String : The unique ID for this stream, should be copied with stream copy  
 MenuID : The menu ID for this stream in this file  
 MenuID/String : The menu ID for this stream in this file  
 Type : Type  
 Format : Format used  
 Format/String : Format used + additional features  
 Format/Info : Info about Format  
 Format/Url : Link  
 Format\_Commercial : Commercial name used by vendor for theses settings or Format field if there is no difference  
 Format\_Commercial\_IfAny : Commercial name used by vendor for theses settings if there is one  
 Format\_Version : Version of this format  
 Format\_Profile : Profile of the Format  
 Format\_Compression : Compression method used  
 Format\_Settings : Settings needed for decoder used  
 Format\_AdditionalFeatures : Format features needed for fully supporting the content  
 MuxingMode : How this file is muxed in the container  
 CodecID : Codec ID (found in some containers)  
 CodecID/String : Codec ID (found in some containers)  
 CodecID/Info : Info about this codec  
 CodecID/Hint : A hint/popular name for this codec  
 CodecID/Url : A link to more details about this codec ID  
 CodecID\_Description : Manual description given by the container  
 Duration : Play time of the stream in ms  
 Duration/String : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String1 : Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 Duration/String2 : Play time in format : XXx YYy only, YYy omitted if zero  
 Duration/String3 : Play time in format : HH:MM:SS.MMM  
 Duration/String4 : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Duration/String5 : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Duration\_Start  
 Duration\_End  
 Source\_Duration : Source Play time of the stream, in ms  
 Source\_Duration/String : Source Play time in format : XXx YYy only, YYy omitted if zero  
 Source\_Duration/String1 : Source Play time in format : HHh MMmn SSs MMMms, XX omitted if zero  
 zero

Source\_Duration/String2 : Source Play time in format : XXx YYy only, YYy omitted if zero

Source\_Duration/String3 : Source Play time in format : HH:MM:SS.MMM

Source\_Duration/String4 : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration/String5 : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in ms

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_FirstFram : Source Duration of the first frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_FirstFram : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_FirstFram : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in ms

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HHh MMmn SSs MMMms, XX omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : XXx YYy only, YYy omitted if zero

Source\_Duration\_LastFrame : Source Duration of the last frame if it is longer than others, in format : HH:MM:SS.MMM

Source\_Duration\_LastFrame : Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available

Source\_Duration\_LastFrame : Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)

BitRate\_Mode : Bit rate mode (VBR, CBR)

BitRate\_Mode/String : Bit rate mode (Variable, Cconstant)

BitRate : Bit rate in bps

BitRate/String : Bit rate (with measurement)

BitRate\_Minimum : Minimum Bit rate in bps

BitRate\_Minimum/String : Minimum Bit rate (with measurement)

BitRate\_Nominal : Nominal Bit rate in bps

BitRate\_Nominal/String : Nominal Bit rate (with measurement)

BitRate\_Maximum : Maximum Bit rate in bps

BitRate\_Maximum/String : Maximum Bit rate (with measurement)

BitRate\_Encoded : Encoded (with forced padding) bit rate in bps, if some container padding is present

BitRate\_Encoded/String : Encoded (with forced padding) bit rate (with measurement), if some container padding is present

FrameRate : Frames per second  
 FrameRate/String : Frames per second (with measurement)  
 FrameRate\_Num : Frames per second, numerator  
 FrameRate\_Den : Frames per second, denominator  
 FrameCount : Number of frames  
 Source\_FrameCount : Source Number of frames  
 Delay : Delay fixed in the stream (relative) IN MS  
 Delay/String : Delay with measurement  
 Delay/String1 : Delay with measurement  
 Delay/String2 : Delay with measurement  
 Delay/String3 : Delay in format : HH:MM:SS.MMM  
 Delay/String4 : Delay in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Delay\_Settings : Delay settings (in case of timecode for example)  
 Delay\_DropFrame : Delay drop frame  
 Delay\_Source : Delay source (Container or Stream or empty)  
 Delay\_Source/String : Delay source (Container or Stream or empty)  
 Delay\_Original : Delay fixed in the raw stream (relative) IN MS  
 Delay\_Original/String : Delay with measurement  
 Delay\_Original/String1 : Delay with measurement  
 Delay\_Original/String2 : Delay with measurement  
 Delay\_Original/String3 : Delay in format: HH:MM:SS.MMM  
 Delay\_Original/String4 : Delay in format: HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 Delay\_Original/String5 : Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 Delay\_Original\_Settings : Delay settings (in case of timecode for example)  
 Delay\_Original\_DropFrame : Delay drop frame info  
 Delay\_Original\_Source : Delay source (Stream or empty)  
 Video\_Delay : Delay fixed in the stream (absolute / video)  
 Video\_Delay/String  
 Video\_Delay/String1  
 Video\_Delay/String2  
 Video\_Delay/String3  
 Video\_Delay/String4  
 Video\_Delay/String5  
 Video0\_Delay : Deprecated, do not use in new projects  
 Video0\_Delay/String : Deprecated, do not use in new projects  
 Video0\_Delay/String1 : Deprecated, do not use in new projects  
 Video0\_Delay/String2 : Deprecated, do not use in new projects  
 Video0\_Delay/String3 : Deprecated, do not use in new projects  
 Video0\_Delay/String4 : Deprecated, do not use in new projects  
 Video0\_Delay/String5 : Deprecated, do not use in new projects

TimeStamp\_FirstFrame : TimeStamp fixed in the stream (relative) IN MS  
 TimeStamp\_FirstFrame/Stri : TimeStamp with measurement  
 TimeStamp\_FirstFrame/Stri : TimeStamp with measurement  
 TimeStamp\_FirstFrame/Stri : TimeStamp with measurement  
 TimeStamp\_FirstFrame/Stri : TimeStamp in format : HH:MM:SS.MMM  
 TimeStamp\_FirstFrame/Stri : TimeStamp in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available  
 TimeStamp\_FirstFrame/Stri : TimeStamp in format : HH:MM:SS.mmm (HH:MM:SS:FF)  
 TimeCode\_FirstFrame : Time code in HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available format  
 TimeCode\_Settings : Time code settings  
 TimeCode\_Striped : Time code is striped (only 1st time code, no discontinuity)  
 TimeCode\_Striped/String : Time code is striped (only 1st time code, no discontinuity)  
 StreamSize : Streamsize in bytes  
 StreamSize/String : Streamsize in with percentage value  
 StreamSize/String1  
 StreamSize/String2  
 StreamSize/String3  
 StreamSize/String4  
 StreamSize/String5 : Streamsize in with percentage value  
 StreamSize\_Proportion : Stream size divided by file size  
 StreamSize\_Demuxed : StreamSize in bytes of hte stream after demux  
 StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value  
 StreamSize\_Demuxed/String1  
 StreamSize\_Demuxed/String2  
 StreamSize\_Demuxed/String3  
 StreamSize\_Demuxed/String4  
 StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value (note: theoritical value, not for real use)  
 Source\_StreamSize : Source Streamsize in bytes  
 Source\_StreamSize/String : Source Streamsize in with percentage value  
 Source\_StreamSize/String1  
 Source\_StreamSize/String2  
 Source\_StreamSize/String3  
 Source\_StreamSize/String4  
 Source\_StreamSize/String5 : Source Streamsize in with percentage value  
 Source\_StreamSize\_Proport : Source Stream size divided by file size  
 StreamSize\_Encoded : Encoded Streamsize in bytes  
 StreamSize\_Encoded/String : Encoded Streamsize in with percentage value  
 StreamSize\_Encoded/String1  
 StreamSize\_Encoded/String2  
 StreamSize\_Encoded/String3  
 StreamSize\_Encoded/String4

StreamSize\_Encoded/String : Encoded Streamsize in with percentage value  
 StreamSize\_Encoded\_Propor : Encoded Stream size divided by file size  
 Source\_StreamSize\_Encoded : Source Encoded Streamsize in bytes  
 Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value  
 Source\_StreamSize\_Encoded/String1  
 Source\_StreamSize\_Encoded/String2  
 Source\_StreamSize\_Encoded/String3  
 Source\_StreamSize\_Encoded/String4  
 Source\_StreamSize\_Encoded : Source Encoded Streamsize in with percentage value  
 Source\_StreamSize\_Encoded : Source Encoded Stream size divided by file size  
 Title : Name of this menu  
 Language : Language (2-letter ISO 639-1 if exists, else 3-letter ISO 639-2, and with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn)  
 Language/String : Language (full)  
 Language/String1 : Language (full)  
 Language/String2 : Language (2-letter ISO 639-1 if exists, else empty)  
 Language/String3 : Language (3-letter ISO 639-2 if exists, else empty)  
 Language/String4 : Language (2-letter ISO 639-1 if exists with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn, else empty)  
 Language\_More : More info about Language (e.g. Director's Comment)  
 ServiceKind : Service kind, e.g. visually impaired, commentary, voice over  
 ServiceKind/String : Service kind (full)  
 Disabled : Set if that track should not be used  
 Disabled/String : Set if that track should not be used  
 Default : Set if that track should be used if no language found matches the user preference.  
 Default/String : Set if that track should be used if no language found matches the user preference.  
 Forced : Set if that track should be used if no language found matches the user preference.  
 Forced/String : Set if that track should be used if no language found matches the user preference.  
 AlternateGroup : Number of a group in order to provide versions of the same track  
 AlternateGroup/String : Number of a group in order to provide versions of the same track

## Image

Count : Count of objects available in this stream  
 Status : bit field (0=IsAccepted, 1=IsFilled, 2=IsUpdated, 3=IsFinished)  
 StreamCount : Count of streams of that kind available  
 StreamKind : Stream type name  
 StreamKind/String : Stream type name  
 StreamKindID : Number of the stream (base=0)  
 StreamKindPos : When multiple streams, number of the stream (base=1)

StreamOrder : Stream order in the file, whatever is the kind of stream (base=0)  
 FirstPacketOrder : Order of the first fully decodable packet met in the file, whatever is the kind of stream (base=0)  
 Inform : Last **\*\*Inform\*\*** call  
 ID : The ID for this stream in this file  
 ID/String : The ID for this stream in this file  
 OriginalSourceMedium\_ID : The ID for this stream in the original medium of the material  
 OriginalSourceMedium\_ID/S : The ID for this stream in the original medium of the material  
 UniqueID : The unique ID for this stream, should be copied with stream copy  
 UniqueID/String : The unique ID for this stream, should be copied with stream copy  
 MenuID : The menu ID for this stream in this file  
 MenuID/String : The menu ID for this stream in this file  
 Title : Name of the track  
 Format : Format used  
 Format/String : Format used + additional features  
 Format/Info : Info about Format  
 Format/Url : Link  
 Format\_Commercial : Commercial name used by vendor for theses settings or Format field if there is no difference  
 Format\_Commercial\_IfAny : Commercial name used by vendor for theses settings if there is one  
 Format\_Version : Version of this format  
 Format\_Profile : Profile of the Format  
 Format\_Settings\_Endianness  
 Format\_Settings\_Packing  
 Format\_Compression : Compression method used  
 Format\_Settings : Settings needed for decoder used  
 Format\_Settings\_Wrapping : Wrapping mode (Frame wrapped or Clip wrapped)  
 Format\_AdditionalFeatures : Format features needed for fully supporting the content  
 InternetMediaType : Internet Media Type (aka MIME Type, Content-Type)  
 CodecID : Codec ID (found in some containers)  
 CodecID/String : Codec ID (found in some containers)  
 CodecID/Info : Info about codec ID  
 CodecID/Hint : A hint for this codec ID  
 CodecID/Url : A link for more details about this codec ID  
 CodecID\_Description : Manual description given by the container  
 Codec : Deprecated, do not use in new projects  
 Codec/String : Deprecated, do not use in new projects  
 Codec/Family : Deprecated, do not use in new projects  
 Codec/Info : Deprecated, do not use in new projects  
 Codec/Url : Deprecated, do not use in new projects  
 Width : Width (aperture size if present) in pixel  
 Width/String : Width (aperture size if present) with measurement (pixel)



Width\_Offset : Offset between original width and displayed width (aperture size) in pixel  
 Width\_Offset/String : Offset between original width and displayed width (aperture size) in pixel  
 Width\_Original : Original (in the raw stream) width in pixel  
 Width\_Original/String : Original (in the raw stream) width with measurement (pixel)  
 Height : Height (aperture size if present) in pixel  
 Height/String : Height (aperture size if present) with measurement (pixel)  
 Height\_Offset : Offset between original height and displayed height (aperture size) in pixel  
 Height\_Offset/String : Offset between original height and displayed height (aperture size) in pixel  
 Height\_Original : Original (in the raw stream) height in pixel  
 Height\_Original/String : Original (in the raw stream) height with measurement (pixel)  
 PixelAspectRatio : Pixel Aspect ratio  
 PixelAspectRatio/String : Pixel Aspect ratio  
 PixelAspectRatio\_Original : Original (in the raw stream) Pixel Aspect ratio  
 PixelAspectRatio\_Original : Original (in the raw stream) Pixel Aspect ratio  
 DisplayAspectRatio : Display Aspect ratio  
 DisplayAspectRatio/String : Display Aspect ratio  
 DisplayAspectRatio\_Origin : Original (in the raw stream) Display Aspect ratio  
 DisplayAspectRatio\_Origin : Original (in the raw stream) Display Aspect ratio  
 ColorSpace  
 ChromaSubsampling  
 Resolution : Deprecated, do not use in new projects  
 Resolution/String : Deprecated, do not use in new projects  
 BitDepth  
 BitDepth/String  
 Compression\_Mode : Compression mode (Lossy or Lossless)  
 Compression\_Mode/String : Compression mode (Lossy or Lossless)  
 Compression\_Ratio : Current stream size divided by uncompressed stream size  
 StreamSize : Stream size in bytes  
 StreamSize/String  
 StreamSize/String1  
 StreamSize/String2  
 StreamSize/String3  
 StreamSize/String4  
 StreamSize/String5 : With proportion  
 StreamSize\_Proportion : Stream size divided by file size  
 StreamSize\_Demuxed : StreamSize in bytes of the stream after demux  
 StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value  
 StreamSize\_Demuxed/String1  
 StreamSize\_Demuxed/String2  
 StreamSize\_Demuxed/String3

StreamSize\_Demuxed/String4

StreamSize\_Demuxed/String : StreamSize\_Demuxed in with percentage value (note: theoritical value, not for real use)

Encoded\_Library : Software used to create the file

Encoded\_Library/String : Software used to create the file

Encoded\_Library\_Name : Info from the software

Encoded\_Library\_Version : Version of software

Encoded\_Library\_Date : Release date of software

Encoded\_Library\_Settings : Parameters used by the software

Language : Language (2-letter ISO 639-1 if exists, else 3-letter ISO 639-2, and with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn)

Language/String : Language (full)

Language/String1 : Language (full)

Language/String2 : Language (2-letter ISO 639-1 if exists, else empty)

Language/String3 : Language (3-letter ISO 639-2 if exists, else empty)

Language/String4 : Language (2-letter ISO 639-1 if exists with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn, else empty)

Language\_More : More info about Language (e.g. Director's Comment)

ServiceKind : Service kind, e.g. visually impaired, commentary, voice over

ServiceKind/String : Service kind (full)

Disabled : Set if that track should not be used

Disabled/String : Set if that track should not be used

Default : Set if that track should be used if no language found matches the user preference.

Default/String : Set if that track should be used if no language found matches the user preference.

Forced : Set if that track should be used if no language found matches the user preference.

Forced/String : Set if that track should be used if no language found matches the user preference.

AlternateGroup : Number of a group in order to provide versions of the same track

AlternateGroup/String : Number of a group in order to provide versions of the same track

Summary

Encoded\_Date : The time that the encoding of this item was completed began.

Tagged\_Date : The time that the tags were done for this item.

Encryption

colour\_description\_presen : Presence of colour description

colour\_primaries : Chromaticity coordinates of the source primaries

transfer\_characteristics : Opto-electronic transfer characteristic of the source picture

matrix\_coefficients : Matrix coefficients used in deriving luma and chroma signals from the green, blue, and red primaries

colour\_description\_presen : Presence of colour description

colour\_primaries\_Original : Chromaticity coordinates of the source primaries

transfer\_characteristics\_ : Opto-electronic transfer characteristic of the source picture  
matrix\_coefficients\_Orig : Matrix coefficients used in deriving luma and chroma signals from the green, blue, and red primaries

## Menu

Count : Count of objects available in this stream  
Status : bit field (0=IsAccepted, 1=IsFilled, 2=IsUpdated, 3=IsFinished)  
StreamCount : Count of streams of that kind available  
StreamKind : Stream type name  
StreamKind/String : Stream type name  
StreamKindID : Number of the stream (base=0)  
StreamKindPos : When multiple streams, number of the stream (base=1)  
StreamOrder : Stream order in the file, whatever is the kind of stream (base=0)  
FirstPacketOrder : Order of the first fully decodable packet met in the file, whatever is the kind of stream (base=0)  
Inform : Last **\*\*Inform\*\*** call  
ID : The ID for this stream in this file  
ID/String : The ID for this stream in this file  
OriginalSourceMedium\_ID : The ID for this stream in the original medium of the material  
OriginalSourceMedium\_ID/S : The ID for this stream in the original medium of the material  
UniqueID : The unique ID for this stream, should be copied with stream copy  
UniqueID/String : The unique ID for this stream, should be copied with stream copy  
MenuID : The menu ID for this stream in this file  
MenuID/String : The menu ID for this stream in this file  
Format : Format used  
Format/String : Format used + additional features  
Format/Info : Info about Format  
Format/Url : Link  
Format\_Commercial : Commercial name used by vendor for theses settings or Format field if there is no difference  
Format\_Commercial\_IfAny : Commercial name used by vendor for theses settings if there is one  
Format\_Version : Version of this format  
Format\_Profile : Profile of the Format  
Format\_Compression : Compression method used  
Format\_Settings : Settings needed for decoder used  
Format\_AdditionalFeatures : Format features needed for fully supporting the content  
CodecID : Codec ID (found in some containers)  
CodecID/String : Codec ID (found in some containers)  
CodecID/Info : Info about this codec  
CodecID/Hint : A hint/popular name for this codec  
CodecID/Url : A link to more details about this codec ID  
CodecID\_Description : Manual description given by the container

Codec	: Deprecated
Codec/String	: Deprecated
Codec/Info	: Deprecated
Codec/Url	: Deprecated
Duration	: Play time of the stream in ms
Duration/String	: Play time in format : XXx YYy only, YYy omitted if zero
Duration/String1	: Play time in format : HHh MMmn SSs MMMms, XX omitted if zero
Duration/String2	: Play time in format : XXx YYy only, YYy omitted if zero
Duration/String3	: Play time in format : HH:MM:SS.MMM
Duration/String4	: Play time in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available
Duration/String5	: Play time in format : HH:MM:SS.mmm (HH:MM:SS:FF)
Duration_Start	
Duration_End	
Delay	: Delay fixed in the stream (relative) IN MS
Delay/String	: Delay with measurement
Delay/String1	: Delay with measurement
Delay/String2	: Delay with measurement
Delay/String3	: Delay in format : HH:MM:SS.MMM
Delay/String4	: Delay in format : HH:MM:SS:FF, last colon replaced by semicolon for drop frame if available
Delay/String5	: Delay in format : HH:MM:SS.mmm (HH:MM:SS:FF)
Delay_Settings	: Delay settings (in case of timecode for example)
Delay_DropFrame	: Delay drop frame
Delay_Source	: Delay source (Container or Stream or empty)
List_StreamKind	: List of programs available
List_StreamPos	: List of programs available
List	: List of programs available
List/String	: List of programs available
Title	: Name of this menu
Language	: Language (2-letter ISO 639-1 if exists, else 3-letter ISO 639-2, and with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn)
Language/String	: Language (full)
Language/String1	: Language (full)
Language/String2	: Language (2-letter ISO 639-1 if exists, else empty)
Language/String3	: Language (3-letter ISO 639-2 if exists, else empty)
Language/String4	: Language (2-letter ISO 639-1 if exists with optional ISO 3166-1 country separated by a dash if available, e.g. en, en-us, zh-cn, else empty)
Language_More	: More info about Language (e.g. Director's Comment)
ServiceKind	: Service kind, e.g. visually impaired, commentary, voice over
ServiceKind/String	: Service kind (full)
ServiceName	
ServiceChannel	

Service/Url  
ServiceProvider  
ServiceProvider/Url  
ServiceType  
NetworkName  
Original/NetworkName  
Countries  
TimeZones  
LawRating : Depending on the country it's the format of the rating of a movie (P, R, X in the USA, an age in other countries or a URI defining a logo).  
LawRating\_Reason : Reason for the law rating  
Disabled : Set if that track should not be used  
Disabled/String : Set if that track should not be used  
Default : Set if that track should be used if no language found matches the user preference.  
Default/String : Set if that track should be used if no language found matches the user preference.  
Forced : Set if that track should be used if no language found matches the user preference.  
Forced/String : Set if that track should be used if no language found matches the user preference.  
AlternateGroup : Number of a group in order to provide versions of the same track  
AlternateGroup/String : Number of a group in order to provide versions of the same track  
Chapters\_Pos\_Begin : Used by third-party developers to know about the beginning of the chapters list, to be used by Get(Stream\_Menu, x, Pos), where Pos is an Integer between Chapters\_Pos\_Begin and Chapters\_Pos\_End  
Chapters\_Pos\_End : Used by third-party developers to know about the end of the chapters list (this position excluded)