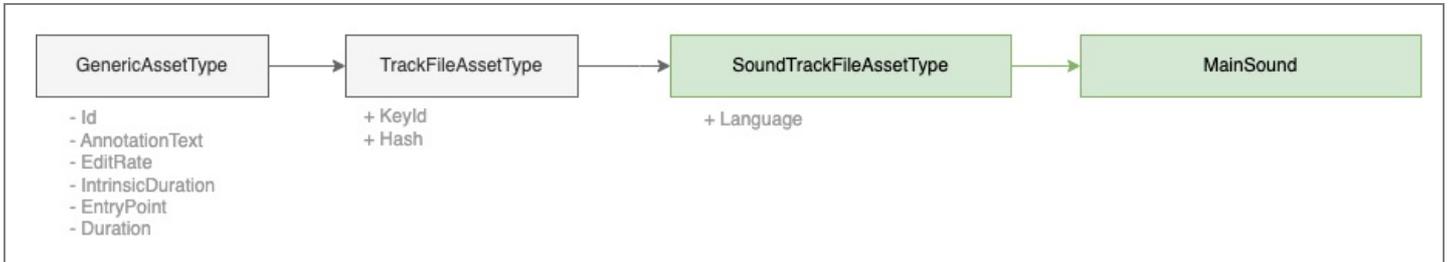# CPL : ASSETTYPE : SOUNDTRACKFILE

PREFACE

The Asset Type **SoundTrackFile** is used for **MainSound**

REFERENCES SMPTE / DCI

- **SMPTE 429-7** - CPL
- **SMPTE 429-16** - Additional Composition Metadata and Guidelines

DESCRIPTION

```
<MainSound>
  <Id>urn:uuid:3433a00f-4bc8-4c16-b33c-b0b0d65711af</Id>        ---------.--- Generic
  <AnnotationText language="en">Sound 1</AnnotationText>                  |
  <EditRate>24 1</EditRate>                                              |
  <IntrinsicDuration>24</IntrinsicDuration>                              |
  <EntryPoint>0</EntryPoint>                                             |
  <Duration>24</Duration>                                        --------'
  <KeyId>urn:uuid:36205699-4079-4140-a93a-6bd716750348</KeyId>  ---------.--- TrackFile
  <Hash>ACd4Aky39E608RNnVfAOisPICZ4=</Hash>                     --------'
  <Language>en</Language>                                        ------------ SoundTrackFile
</MainSound>
```

Nothing new here, except for an additional optional 'Language' tag...

The latter will be use for the tag **MainSound**.

Contrary to what one might think, Dolby & DTS sound tracks do not use **MainSound** at all but instead use **AuxData**...

CONCLUSION

SoundTrack - used by **MainSound** - is the second main element in a DCP.

The main asset MXF audio - depending on the audio configuration - may include additional elements such as synchronization data (used by Immersive Audio Bitstream / Atmos), MotionData (used by DBOX), and tracks tracks for the deaf and hard of hearing, amonth others..

ADDITIONAL CHAPTER

- AssetType Generic : The top-level parent
    - AssetType TrackFile : The parent of Picture, Sound, Subtitle, Caption & Data
        - AssetType PictureTrackFile : MainPicture & MainStereoscopicPicture
        - AssetType SoundTrackFile : MainSound ↩ you are here

- - AssetType SubtitleTrackFile : MainSubtitle & ClosedSubtitle
  - AssetType CaptionTrackFile : MainCaption & ClosedCaption
  - AssetType DataTrackFile : AuxData
- AssetType Marker : MainMarkers
- AssetType CompositionMetadata : CompositionMetadaAsset