

Object Matrix

Metadata keys for Vision Resources

Version 1.0, April 2022

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1. Overview

This document details the metadata attribute keys used by Vision for its internal resources. This includes proxies, thumbnails and BIF files.

2. Metadata Attribute Keys

2.1. Proxy Video

_vis_proxy=<(String) oid>

Used by the original high-res video. Holds a reference to the generated proxy video. An MP4 with H.264 video encoding and AAC audio encoding, optimised for web. For an InterConnect clip, this should be added to the directory corresponding to the clip.

NOTE: We would recommend **not setting MXFS_PARENTOID** for the proxy to prevent it from being shown in applications such as MXFS

2.2. Thumbnail

_vis_thumb=<(String) oid>

Used by the original high-res video. Holds a reference to the generated thumbnail. Usually a JPG. **Must be of resolution 400x225**. For an InterConnect clip, this should be added to the directory corresponding to the clip.

NOTE: We would recommend **not setting MXFS_PARENTOID** for the thumbnail to prevent it from being shown in applications such as MXFS

2.3. BIF File

Roku BIF (Base Index Frame) file format. Used by Vision to display preview thumbnails at even intervals on the video player timeline (fast-seek). <https://developer.roku.com/en-gb/docs/developer-program/media-playback/trick-mode.md>

_vis_bif=<(String) oid>

Used by the original high-res video. Reference to the generated bif file object.

NOTE: We would recommend **not setting MXFS_PARENTOID** for the BIF file to prevent it from being shown in applications such as MXFS

2.4.Vision Resource

_vis_res=<(int) n>

(0=folder, 1=video proxy, 2=thumbnail, 3=bif file)

Used by a proxy, thumbnail or bif object. Allows them to be excluded from searches in Vision. Also, Move2 will ignore this object, not copy it to LTO or make it offline.

2.5.Original Video

_vis_original=<(String) oid>

Used by the vision resource objects e.g. the proxy, thumbnail and BIF files. Holds a reference to the original object that it is derived from. Can be checked to see if the original video has been deleted, so you know an orphan resource that is safe to delete.