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MovieStrip(Strip)

base classes — [bpy_struct](#), [Strip](#)

class bpy.types.MovieStrip(Strip)

Sequence strip to load a video

alpha_mode

Representation of alpha information in the RGBA pixels

- `STRAIGHT` Straight – RGB channels in transparent pixels are unaffected by the alpha channel.
- `PREMUL` Premultiplied – RGB channels in transparent pixels are multiplied by the alpha channel.

TYPE:

enum in ['STRAIGHT', 'PREMUL'], default 'STRAIGHT'

animation_offset_end

Animation end offset (trim end)

TYPE:

int in [0, inf], default 0

animation_offset_start

Animation start offset (trim start)

TYPE:

int in [0, inf], default 0

color_multiply

TYPE:

float in [0, 20], default 1.0

color_saturation

Adjust the intensity of the input's color

TYPE:

float in [0, 20], default 1.0

colorspace_settings

Input color space settings

TYPE:

[ColorManagedInputColorspaceSettings](#), (readonly)

crop

TYPE:

[StripCrop](#), (readonly)

elements

TYPE:

[bpy_prop_collection](#) of [StripElement](#), (readonly)

filepath

TYPE:

string, default "", (never None)

fps

Frames per second

TYPE:

float in $[-\infty, \infty]$, default 0.0, (readonly)

multiply_alpha

Multiply alpha along with color channels

TYPE:

boolean, default False

proxy**TYPE:**

`StripProxy`, (readonly)

retiming_keys**TYPE:**

`RetimingKeys` `bpy_prop_collection` of `RetimingKey`, (readonly)

stereo_3d_format

Settings for stereo 3D

TYPE:

`Stereo3dFormat`, (readonly, never None)

stream_index

For files with several movie streams, use the stream with the given index

TYPE:

int in $[0, 20]$, default 0

strobe

Only display every nth frame

TYPE:

float in $[1, 30]$, default 0.0

transform**TYPE:**

`StripTransform`, (readonly)

use_deinterlace

Remove fields from video movies

TYPE:

boolean, default False

use_flip_x

Flip on the X axis

TYPE:

boolean, default False

use_flip_y

Flip on the Y axis

strip can use a view

TYPE:

boolean, default False

use_float

Convert input to float data

TYPE:

boolean, default False

use_multiview

Use Multiple Views (when available)

TYPE:

boolean, default False

use_proxy

Use a preview proxy and/or time-code index for this strip

TYPE:

boolean, default False

use_reverse_frames

Reverse frame order

TYPE:

boolean, default False

views_format

Mode to load movie views

TYPE:

enum in [Views Format Items](#), default 'INDIVIDUAL'

reload_if_needed()

reload_if_needed

RETURNS:

True if the strip can produce frames, False otherwise

RETURN TYPE:

boolean

metadata()

Retrieve metadata of the movie file

RETURNS:

Dict-like object containing the metadata

RETURN TYPE:

[IDPropertyWrapPtr](#)

classmethod bl_ma_get_subclass(id, default=None)

PARAMETERS:

id (*str*) – The RNA type identifier.

RETURNS:

The RNA type or default when not found.

RETURN TYPE:`bpy.types.Struct` subclass**classmethod** `bl_rna_get_subclass_py(id, default=None)`**PARAMETERS:****id** (*str*) – The RNA type identifier.**RETURNS:**

The class or default when not found.

RETURN TYPE:

type

Inherited Properties

- `bpy_struct.id_data`
- `Strip.name`
- `Strip.type`
- `Strip.select`
- `Strip.select_left_handle`
- `Strip.select_right_handle`
- `Strip.mute`
- `Strip.lock`
- `Strip.frame_final_duration`
- `Strip.frame_duration`
- `Strip.frame_start`
- `Strip.frame_final_start`
- `Strip.frame_final_end`
- `Strip.frame_offset_start`
- `Strip.frame_offset_end`
- `Strip.channel`
- `Strip.use_linear_modifiers`
- `Strip.blend_type`
- `Strip.blend_alpha`
- `Strip.effect_fader`
- `Strip.use_default_fade`
- `Strip.color_tag`
- `Strip.modifiers`
- `Strip.use_cache_raw`
- `Strip.use_cache_preprocessed`
- `Strip.use_cache_composite`
- `Strip.override_cache_settings`
- `Strip.show_retiming_keys`

Inherited Functions

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `bpy_struct.driver_remove`
- `bpy_struct.get`
- `bpy_struct.id_properties_clear`
- `bpy_struct.id_properties_ensure`
- `bpy_struct.id_properties_ui`
- `bpy_struct.is_property_hidden`
- `bpy_struct.is_property_overridable_library`
- `bpy_struct.is_property_readonly`
- `bpy_struct.is_property_set`
- `bpy_struct.items`
- `bpy_struct.keyframe_delete`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`
- `bpy_struct.path_from_id`
- `bpy_struct.path_resolve`
- `bpy_struct.pop`
- `bpy_struct.property_overridable_library_set`
- `bpy_struct.property_unset`
- `bpy_struct.type_recast`
- `bpy_struct.values`
- `Strip.strip_elem_from_frame`
- `Strip.swap`
- `Strip.move_to_meta`
- `Strip.parent_meta`
- `Strip.invalidate_cache`
- `Strip.split`
- `Strip.bl_rna_get_subclass`
- `Strip.bl_rna_get_subclass_py`

