Strip(bpy_struct)

base class — bpy_struct

subclasses — EffectStrip, ImageStrip, MaskStrip, MetaStrip, MovieClipStrip, MovieStrip, SceneStrip, SoundStrip

class bpy.types.**Strip(bpy_struct)**

Sequence strip in the sequence editor

blend_alpha

Percentage of how much the strip's colors affect other strips

TYPE:

float in [0, 1], default 1.0

blend_type

Method for controlling how the strip combines with other strips

TYPE:

enum in ['REPLACE', 'CROSS', 'DARKEN', 'MULTIPLY', 'BURN', 'LINEAR_BURN', 'LIGHTEN', 'SCREEN', 'DODGE', 'ADD', 'OVERLAY', 'SOFT_LIGHT', 'HARD_LIGHT', 'VIVID_LIGHT', 'LINEAR_LIGHT', 'PIN_LIGHT', 'DIFFERENCE', 'EXCLUSION', 'SUBTRACT', 'HUE', 'SATURATION', 'COLOR', 'VALUE', 'ALPHA_OVER', 'ALPHA_UNDER', 'GAMMA_CROSS', 'OVER_DROP'], default 'ALPHA_OVER'

channel

Y position of the sequence strip

TYPE:

int in [1, 128], default 0

color_tag

Color tag for a strip

TYPE:

enum in Strip Color Items, default 'COLOR_01'

effect_fader

Custom fade value

TYPE:

float in [0, 1], default 0.0

frame_duration

The length of the contents of this strip before the handles are applied

TYPE:

int in [1, 1048574], default 0, (readonly)

frame_final_duration

The length of the contents of this strip after the handles are applied

TYPE:

int in [1, 1048574], default 0

frame_final_end

End frame displayed in the sequence editor after effects are applied

End frame displayed in the sequence editor after offsets are applied

TYPE:

int in [-inf, inf], default 0

frame_final_start

Start frame displayed in the sequence editor after offsets are applied, setting this is equivalent to moving the handle, not the actual start frame

TYPE:

int in [-inf, inf], default 0

frame_offset_end

TYPE:

float in [-inf, inf], default 0.0

frame_offset_start

TYPE:

float in [-inf, inf], default 0.0

frame_start

X position where the strip begins

TYPE:

float in [-inf, inf], default 0.0

lock

Lock strip so that it cannot be transformed

TYPE:

boolean, default False

modifiers

Modifiers affecting this strip

TYPE:

`StripModifiers bpy_prop_collection` of `StripModifier`, (readonly)

mute

Disable strip so that it cannot be viewed in the output

TYPE:

boolean, default False

name

TYPE:

string, default “”, (never None)

override_cache_settings

Override global cache settings

TYPE:

boolean, default False

select

TYPE:

boolean, default False

select_left_handle

TYPE:

boolean, default False

select_right_handle

TYPE:

boolean, default False

show_retiming_keys

Show retiming keys, so they can be moved

TYPE:

boolean, default False

type

TYPE:

enum in ['IMAGE', 'META', 'SCENE', 'MOVIE', 'MOVIECLIP', 'MASK', 'SOUND', 'CROSS', 'ADD', 'SUBTRACT', 'ALPHA_OVER', 'ALPHA_UNDER', 'GAMMA_CROSS', 'MULTIPLY', 'OVER_DROP', 'WIPE', 'GLOW', 'TRANSFORM' 'COLOR', 'SPEED', 'MULTICAM', 'ADJUSTMENT', 'GAUSSIAN_BLUR', 'TEXT', 'COLORMIX'], default 'IMAGE', (readonly)

use_cache_composite

Cache intermediate composited images, for faster tweaking of stacked strips at the cost of memory usage

TYPE:

boolean, default False

use_cache_preprocessed

Cache preprocessed images, for faster tweaking of effects at the cost of memory usage

TYPE:

boolean, default False

use_cache_raw

Cache raw images read from disk, for faster tweaking of strip parameters at the cost of memory usage

TYPE:

boolean, default False

use_default_fade

Fade effect using the built-in default (usually makes the transition as long as the effect strip)

TYPE:

boolean, default False

use_linear_modifiers

Calculate modifiers in linear space instead of sequencer's space

TYPE:

boolean, default False

strip_elem_from_frame(frame)

Return the strip element from a given frame or None

PARAMETERS:

frame (*int in [-1048574, 1048574]*) – Frame, The frame to get the strip element from

RETURNS:

RETURNS:

strip element of the current frame

RETURN TYPE:

StripElement

swap(other)

swap

PARAMETERS:

other (Strip , (never None)) – Other

move_to_meta(meta_sequence)

move_to_meta

PARAMETERS:

meta_sequence (Strip , (never None)) – Destination Meta Strip, Meta to move the strip into

parent_meta()

Parent meta

RETURNS:

Parent Meta

RETURN TYPE:

Strip

invalidate_cache(type)

Invalidate cached images for strip and all dependent strips

PARAMETERS:

type (*enum in ['RAW', 'PREPROCESSED', 'COMPOSITE'], (never None)*) – Type, Cache Type

split(frame, split_method)

Split Strip

PARAMETERS:

frame (*int in [-inf, inf]*) – Frame where to split the strip

RETURNS:

Right side Strip

RETURN TYPE:

Strip

classmethod bl_rna_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

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
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- bpy_struct.is_property_overridable_library
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- bpy_struct.is_property_set
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- 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

References

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- StripsTopLevel.new_sound
- StripsTopLevel.remove
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