StripTransform(bpy_struct)

base class — `bpy_struct`

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

Transform parameters for a sequence strip

filter

Type of filter to use for image transformation

- `AUTO` Auto – Automatically choose filter based on scaling factor.
- `NEAREST` Nearest – Use nearest sample.
- `BILINEAR` Bilinear – Interpolate between 2×2 samples.
- `CUBIC_MITCHELL` Cubic Mitchell – Cubic Mitchell filter on 4×4 samples.
- `CUBIC_BSPLINE` Cubic B-Spline – Cubic B-Spline filter (blurry but no ringing) on 4×4 samples.
- `BOX` Box – Averages source image samples that fall under destination pixel.

TYPE:

enum in ['AUTO', 'NEAREST', 'BILINEAR', 'CUBIC_MITCHELL', 'CUBIC_BSPLINE', 'BOX'], default 'AUTO'

offset_x

Move along X axis

TYPE:

float in [-inf, inf], default 0.0

offset_y

Move along Y axis

TYPE:

float in [-inf, inf], default 0.0

origin

Origin of image for transformation

TYPE:

float array of 2 items in [-inf, inf], default (0.0, 0.0)

rotation

Rotate around image center

TYPE:

float in [-inf, inf], default 0.0

scale_x

Scale along X axis

TYPE:

float in [0, inf], default 1.0

scale_y

Scale along Y axis

TYPE:

float in [0, inf], default 1.0

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`
- `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`

References

- `EffectStrip.transform`
- `ImageStrip.transform`
- `MaskStrip.transform`
- `MetaStrip.transform`
- `MovieClipStrip.transform`
- `MovieStrip.transform`
- `SceneStrip.transform`