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GPencilLayer(bpy_struct)

base class — `bpy_struct`

class `bpy.types.GPencilLayer(bpy_struct)`

Collection of related sketches

active_frame

Frame currently being displayed for this layer

TYPE:

`GPencilFrame`, (readonly)

annotation_hide

Set annotation Visibility

TYPE:

boolean, default False

annotation_onion_after_color

Base color for ghosts after the active frame

TYPE:

`mathutils.Color` of 3 items in [0, 1], default (0.25, 0.1, 1.0)

annotation_onion_after_range

Maximum number of frames to show after current frame

TYPE:

int in [-1, 120], default 0

annotation_onion_before_color

Base color for ghosts before the active frame

TYPE:

`mathutils.Color` of 3 items in [0, 1], default (0.302, 0.851, 0.302)

annotation_onion_before_range

Maximum number of frames to show before current frame

TYPE:

int in [-1, 120], default 0

annotation_onion_use_custom_color

Use custom colors for onion skinning instead of the theme

TYPE:

boolean, default False

annotation_opacity

Annotation Layer Opacity

TYPE:

float in [0, 1], default 0.0

color

Color for all strokes in this layer

TYPE:

`mathutils.Color` of 3 items in [0, 1], default (0.0, 0.0, 0.0)

frames

Sketches for this layer on different frames

TYPE:

`GPencilFrames bpy_prop_collection` of `GPencilFrame`, (readonly)

info

Layer name

TYPE:

string, default “”, (never None)

is_ruler

This is a special ruler layer

TYPE:

boolean, default False, (readonly)

lock

Protect layer from further editing and/or frame changes

TYPE:

boolean, default False

lock_frame

Lock current frame displayed by layer

TYPE:

boolean, default False

select

Layer is selected for editing in the Dope Sheet

TYPE:

boolean, default False

show_in_front

Make the layer display in front of objects

TYPE:

boolean, default False

thickness

Thickness of annotation strokes

TYPE:

int in [1, 10], default 0

use_annotation_onion_skinning

Display annotation onion skins before and after the current frame

TYPE:

boolean, default False

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

- `bpy.context.active_annotation_layer`
- `GreasePencil.layers`
- `GreasePencilLayers.new`
- `GreasePencilLayers.remove`