# GPencilSculptSettings(bpy_struct)

base class — `bpy_struct`

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

General properties for Grease Pencil stroke sculpting tools

**guide**

**TYPE:**

`GPencilSculptGuide`, (readonly)

**intersection_threshold**

Threshold for stroke intersections

**TYPE:**

float in [0, 10], default 0.1

**lock_axis**

- `VIEW` View – Align strokes to current view plane.
- `AXIS_Y` Front (X-Z) – Project strokes to plane locked to Y.
- `AXIS_X` Side (Y-Z) – Project strokes to plane locked to X.
- `AXIS_Z` Top (X-Y) – Project strokes to plane locked to Z.
- `CURSOR` Cursor – Align strokes to current 3D cursor orientation.

**TYPE:**

enum in ['VIEW', 'AXIS_Y', 'AXIS_X', 'AXIS_Z', 'CURSOR'], default 'VIEW'

**multiframe_falloff_curve**

Custom curve to control falloff of brush effect by Grease Pencil frames

**TYPE:**

`CurveMapping`, (readonly)

**thickness_primitive_curve**

Custom curve to control primitive thickness

**TYPE:**

`CurveMapping`, (readonly)

**use_automasking_layer_active**

Affect only the Active Layer

**TYPE:**

boolean, default False

**use_automasking_layer_stroke**

Affect only strokes below the cursor

**TYPE:**

boolean, default False

**use_automasking_material_active**

Affect only the Active Material

**TYPE:**

boolean, default False

**use_automasking_material_stroke**

Affect only strokes below the cursor

**TYPE:**

boolean, default False

**use_automasking_stroke**

Affect only strokes below the cursor

**TYPE:**

boolean, default False

**use_multiframe_falloff**

Use falloff effect when edit in multiframe mode to compute brush effect by frame

**TYPE:**

boolean, default False

**use_scale_thickness**

Scale the stroke thickness when transforming strokes

**TYPE:**

boolean, default False

**use_thickness_curve**

Use curve to define primitive stroke thickness

**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

## 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

- ToolSettings.gpencil_sculpt