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BrushCurvesSculptSettings(bpy_struct)

base class — [bpy_struct](#)

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

add_amount

Number of curves added by the Add brush

TYPE:

int in [1, inf], default 0

curve_length

Length of newly added curves when it is not interpolated from other curves

TYPE:

float in [0, inf], default 0.0

curve_parameter_falloff

Falloff that is applied from the tip to the root of each curve

TYPE:

[CurveMapping](#), (readonly)

curve_radius

Radius of newly added curves when it is not interpolated from other curves

TYPE:

float in [0, inf], default 0.01

density_add_attempts

How many times the Density brush tries to add a new curve

TYPE:

int in [0, inf], default 0

density_mode

Determines whether the brush adds or removes curves

- `AUTO` Auto – Either add or remove curves depending on the minimum distance of the curves under the cursor.
- `ADD` Add – Add new curves between existing curves, taking the minimum distance into account.
- `REMOVE` Remove – Remove curves whose root points are too close.

TYPE:

enum in ['AUTO', 'ADD', 'REMOVE'], default 'AUTO'

minimum_distance

Goal distance between curve roots for the Density brush

TYPE:

float in [0, inf], default 0.0

minimum_length

Avoid shrinking curves shorter than this length

TYPE:

float in [0, inf], default 0.0

points_per_curve

Number of control points in a newly added curve

TYPE:

int in [2, inf], default 0

use_length_interpolate

Use length of the curves in close proximity

TYPE:

boolean, default False

use_point_count_interpolate

Use the number of points from the curves in close proximity

TYPE:

boolean, default False

use_radius_interpolate

Use radius of the curves in close proximity

TYPE:

boolean, default True

use_shape_interpolate

Use shape of the curves in close proximity

TYPE:

boolean, default False

use_uniform_scale

Grow or shrink curves by changing their size uniformly instead of using trimming or extrapolation

TYPE:

boolean, default False

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_ma_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

- [Brush.curves_sculpt_settings](#)