CurvePaintSettings(bpy_struct)

base class — bpy_struct

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

corner_angle

Angles above this are considered corners

TYPE:

float in [0, 3.14159], default 1.22173

curve_type

Type of curve to use for new strokes

TYPE:

enum in ['POLY', 'BEZIER'], default 'BEZIER'

depth_mode

Method of projecting depth

TYPE:

enum in ['CURSOR', 'SURFACE'], default 'CURSOR'

error_threshold

Allow deviation for a smoother, less precise line

TYPE:

int in [1, 100], default 8

fit_method

Curve fitting method

TYPE:

enum in Curve Fit Method Items, default 'REFIT'

radius_max

Radius to use when the maximum pressure is applied (or when a tablet isn't used)

TYPE:

float in [0, 100], default 1.0

radius_min

Minimum radius when the minimum pressure is applied (also the minimum when tapering)

TYPE:

float in [0, 100], default 0.0

radius_taper_end

Taper factor for the radius of each point along the curve

TYPE:

float in [0, 10], default 0.0

radius_taper_start

Taper factor for the radius of each point along the curve

TYPE:

float in [0, 1], default 0.0

surface_offset

Offset the stroke from the surface

TYPE:

float in [-10, 10], default 0.0

surface_plane

Plane for projected stroke

- `NORMAL_VIEW` Normal to Surface – Draw in a plane perpendicular to the surface.
- `NORMAL_SURFACE` Tangent to Surface – Draw in the surface plane.
- `VIEW` View – Draw in a plane aligned to the viewport.

TYPE:

enum in ['NORMAL_VIEW', 'NORMAL_SURFACE', 'VIEW'], default 'NORMAL_VIEW'

use_corners_detect

Detect corners and use non-aligned handles

TYPE:

boolean, default True

use_offset_absolute

Apply a fixed offset (don't scale by the radius)

TYPE:

boolean, default False

use_pressure_radius

Map tablet pressure to curve radius

TYPE:

boolean, default False

use_project_only_selected

Project the strokes only onto selected objects

TYPE:

boolean, default False

use_stroke_endpoints

Use the start of the stroke for the depth

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

- ToolSettings.curve_paint_settings