FreestyleSettings(bpy_struct)

base class — `bpy_struct`

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

Freestyle settings for a ViewLayer data-block

as_render_pass

Renders Freestyle output to a separate pass instead of overlaying it on the Combined pass

TYPE:

boolean, default False

crease_angle

Angular threshold for detecting crease edges

TYPE:

float in [0, 3.14159], default 0.0

kr_derivative_epsilon

Kr derivative epsilon for computing suggestive contours

TYPE:

float in [-1000, 1000], default 0.0

linesets

TYPE:

`Linesets bpy_prop_collection` of `FreestyleLineSet`, (readonly)

mode

Select the Freestyle control mode

- `SCRIPT` Python Scripting – Advanced mode for using style modules written in Python.
- `EDITOR` Parameter Editor – Basic mode for interactive style parameter editing.

TYPE:

enum in ['SCRIPT', 'EDITOR'], default 'SCRIPT'

modules

A list of style modules (to be applied from top to bottom)

TYPE:

`FreestyleModules bpy_prop_collection` of `FreestyleModuleSettings`, (readonly)

sphere_radius

Sphere radius for computing curvatures

TYPE:

float in [0, 1000], default 1.0

use_culling

If enabled, out-of-view edges are ignored

TYPE:

boolean, default False

use_material_boundaries

Enable material boundaries

TYPE:

boolean, default False

use_ridges_and_valleys

Enable ridges and valleys

TYPE:

boolean, default False

use_smoothness

Take face smoothness into account in view map calculation

TYPE:

boolean, default False

use_suggestive_contours

Enable suggestive contours

TYPE:

boolean, default False

use_view_map_cache

Keep the computed view map and avoid recalculating it if mesh geometry is unchanged

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

- ViewLayer.freestyle_settings