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LaplacianSmoothModifier(Modifier)

base classes — [bpy_struct](#), [Modifier](#)

class bpy.types.LaplacianSmoothModifier(Modifier)

Smoothing effect modifier

invert_vertex_group

Invert vertex group influence

TYPE:

boolean, default False

iterations

TYPE:

int in [0, 32767], default 1

lambda_border

Lambda factor in border

TYPE:

float in [-inf, inf], default 0.01

lambda_factor

Smooth effect factor

TYPE:

float in [-inf, inf], default 0.01

use_normalized

Improve and stabilize the enhanced shape

TYPE:

boolean, default True

use_volume_preserve

Apply volume preservation after smooth

TYPE:

boolean, default True

use_x

Smooth object along X axis

TYPE:

boolean, default True

use_y

Smooth object along Y axis

TYPE:

boolean, default True

use_z

Smooth object along Z axis

TYPE:

boolean, default True

vertex_group

Name of Vertex Group which determines influence of modifier per point

TYPE:

string, default "", (never None)

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`
- `Modifier.name`
- `Modifier.type`
- `Modifier.show_viewport`
- `Modifier.show_render`
- `Modifier.show_in_editmode`
- `Modifier.show_on_cage`
- `Modifier.show_expanded`
- `Modifier.is_active`
- `Modifier.use_pin_to_last`
- `Modifier.is_override_data`
- `Modifier.use_apply_on_spline`
- `Modifier.execution_time`
- `Modifier.persistent_uid`

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.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`
- `Modifier.bl_rna_get_subclass`

- [bpy_struct.items](#)

- [Modifier.bl_rna_get_subclass_py](#)

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