GreasePencilArrayModifier(Modifier)

base classes — bpy_struct , Modifier

class bpy.types.**GreasePencilArrayModifier(Modifier)**

Create grid of duplicate instances

constant_offset

Value for the distance between items

TYPE:

mathutils.Vector of 3 items in [-inf, inf], default (0.0, 0.0, 0.0)

count

Number of items

TYPE:

int in [1, 32767], default 2

invert_layer_filter

Invert layer filter

TYPE:

boolean, default False

invert_layer_pass_filter

Invert layer pass filter

TYPE:

boolean, default False

invert_material_filter

Invert material filter

TYPE:

boolean, default False

invert_material_pass_filter

Invert material pass filter

TYPE:

boolean, default False

layer_filter

Layer name

TYPE:

string, default “”, (never None)

layer_pass_filter

Layer pass filter

TYPE:

int in [0, 100], default 0

material_filter

Material used for filtering

TYPE:

Material

material_pass_filter

Material pass

TYPE:

int in [0, 100], default 0

offset_object

Use the location and rotation of another object to determine the distance and rotational change between arrayed items

TYPE:

Object

open_constant_offset_panel

TYPE:

boolean, default False

open_influence_panel

TYPE:

boolean, default False

open_object_offset_panel

TYPE:

boolean, default False

open_randomize_panel

TYPE:

boolean, default False

open_relative_offset_panel

TYPE:

boolean, default False

random_offset

Value for changes in location

TYPE:

mathutils.Vector of 3 items in [-inf, inf], default (0.0, 0.0, 0.0)

random_rotation

Value for changes in rotation

TYPE:

mathutils.Euler rotation of 3 items in [-inf, inf], default (0.0, 0.0, 0.0)

random_scale

Value for changes in scale

TYPE:

mathutils.Vector of 3 items in [-inf, inf], default (0.0, 0.0, 0.0)

relative_offset

The size of the geometry will determine the distance between arrayed items

TYPE:

mathutils.Vector of 3 items in [-inf, inf], default (1.0, 0.0, 0.0)

replace_material

Index of the material used for generated strokes (0 keep original material)

TYPE:

int in [0, 32767], default 0

seed

Random seed

TYPE:

int in [0, inf], default 1

use_constant_offset

Enable offset

TYPE:

boolean, default False

use_layer_pass_filter

Use layer pass filter

TYPE:

boolean, default False

use_material_pass_filter

Use material pass filter

TYPE:

boolean, default False

use_object_offset

Add another object's transformation to the total offset

TYPE:

boolean, default False

use_relative_offset

Add an offset relative to the object's bounding box

TYPE:

boolean, default True

use_uniform_random_scale

Use the same random seed for each scale axis for a uniform scale

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

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
- 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.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
- Modifier.bl_rna_get_subclass
- Modifier.bl_rna_get_subclass_py