

LineStyleGeometryModifier_Blueprint(LineStyleGeometryModifier)

base classes — [bpy_struct](#), [LineStyleModifier](#), [LineStyleGeometryModifier](#)

class bpy.types.LineStyleGeometryModifier_Blueprint(LineStyleGeometryModifier)

Produce a blueprint using circular, elliptic, and square contour strokes

backbone_length

Amount of backbone stretching

TYPE:

float in $[-\infty, \infty]$, default 0.0

expanded

True if the modifier tab is expanded

TYPE:

boolean, default False

random_backbone

Randomness of the backbone stretching

TYPE:

int in $[0, \infty]$, default 0

random_center

Randomness of the center

TYPE:

int in $[0, \infty]$, default 0

random_radius

Randomness of the radius

TYPE:

int in $[0, \infty]$, default 0

rounds

Number of rounds in contour strokes

TYPE:

int in $[1, 1000]$, default 0

shape

Select the shape of blueprint contour strokes

- `CIRCLES` Circles – Draw a blueprint using circular contour strokes.
- `ELLIPSES` Ellipses – Draw a blueprint using elliptic contour strokes.
- `SQUARES` Squares – Draw a blueprint using square contour strokes.

TYPE:

enum in $['CIRCLES', 'ELLIPSES', 'SQUARES']$, default 'CIRCLES'

type

— [bpy.types.LineStyleGeometryModifier_Blueprint](#)

Type of the modifier

TYPE:

enum in [LineStyle Geometry Modifier Type Items](#), default '2D_OFFSET', (readonly)

use

Enable or disable this modifier during stroke rendering

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`
- `LineStyleGeometryModifier.name`

Inherited Functions

- | | |
|---|---|
| • <code>bpy_struct.as_pointer</code> | • <code>bpy_struct.keyframe_insert</code> |
| • <code>bpy_struct.driver_add</code> | • <code>bpy_struct.keys</code> |
| • <code>bpy_struct.driver_remove</code> | • <code>bpy_struct.path_from_id</code> |
| • <code>bpy_struct.get</code> | • <code>bpy_struct.path_resolve</code> |
| • <code>bpy_struct.id_properties_clear</code> | • <code>bpy_struct.pop</code> |
| • <code>bpy_struct.id_properties_ensure</code> | • <code>bpy_struct.property_overridable_library_set</code> |
| • <code>bpy_struct.id_properties_ui</code> | • <code>bpy_struct.property_unset</code> |
| • <code>bpy_struct.is_property_hidden</code> | • <code>bpy_struct.type_recast</code> |
| • <code>bpy_struct.is_property_overridable_library</code> | • <code>bpy_struct.values</code> |
| • <code>bpy_struct.is_property_readonly</code> | • <code>LineStyleModifier.bl_rna_get_subclass</code> |
| • <code>bpy_struct.is_property_set</code> | • <code>LineStyleModifier.bl_rna_get_subclass_py</code> |
| • <code>bpy_struct.items</code> | • <code>LineStyleGeometryModifier.bl_rna_get_subclas</code> |
| • <code>bpy_struct.keyframe_delete</code> | • <code>LineStyleGeometryModifier.bl_rna_get_subclas</code> |

