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# LineStyleGeometryModifier(LineStyleModifier)

base classes — `bpy_struct`, `LineStyleModifier`

subclasses — `LineStyleGeometryModifier_2DOffset`, `LineStyleGeometryModifier_2DTransform`, `LineStyleGeometryModifier_BackboneStretcher`, `LineStyleGeometryModifier_BezierCurve`, `LineStyleGeometryModifier_Blueprint`, `LineStyleGeometryModifier_GuidingLines`, `LineStyleGeometryModifier_PerlinNoise1D`, `LineStyleGeometryModifier_PerlinNoise2D`, `LineStyleGeometryModifier_Polygonalization`, `LineStyleGeometryModifier_Sampling`, `LineStyleGeometryModifier_Simplification`, `LineStyleGeometryModifier_SinusDisplacement`, `LineStyleGeometryModifier_SpatialNoise`, `LineStyleGeometryModifier_TipRemover`

**class** `bpy.types.LineStyleGeometryModifier(LineStyleModifier)`

Base type to define stroke geometry modifiers

## name

Name of the modifier

## TYPE:

string, default ‘’, (never None)

**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.keyframe_delete`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`
- `bpy_struct.path_from_id`
- `bpy_struct.path_resolve`
- `bpy_struct.pop`

- `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.property_overridable_library_set`
- `bpy_struct.property_unset`
- `bpy_struct.type_recast`
- `bpy_struct.values`
- `LineStyleModifier.bl_rna_get_subclass`
- `LineStyleModifier.bl_rna_get_subclass_py`

## References

- `FreestyleLineStyle.geometry_modifiers`
- `LineStyleGeometryModifiers.remove`
- `LineStyleGeometryModifiers.new`

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