LineStyleGeometryModifier_PerlinNoise2D(LineStyleGeometryMo

base classes — `bpy_struct`, `LineStyleModifier`, `LineStyleGeometryModifier`

class bpy.types.**LineStyleGeometryModifier_PerlinNoise2D(LineStyleGeometryModifier)**

Add two-dimensional Perlin noise to stroke backbone geometry

amplitude

Amplitude of the Perlin noise

TYPE:

float in [-inf, inf], default 0.0

angle

Displacement direction

TYPE:

float in [-inf, inf], default 0.0

expanded

True if the modifier tab is expanded

TYPE:

boolean, default False

frequency

Frequency of the Perlin noise

TYPE:

float in [-inf, inf], default 0.0

octaves

Number of octaves (i.e., the amount of detail of the Perlin noise)

TYPE:

int in [0, inf], default 0

seed

Seed for random number generation (if negative, time is used as a seed instead)

TYPE:

int in [-inf, inf], default 0

type

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

- `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`
- `LineStyleModifier.bl_rna_get_subclass`
- `LineStyleModifier.bl_rna_get_subclass_py`
- `LineStyleGeometryModifier.bl_rna_get_subclas`
- `LineStyleGeometryModifier.bl_rna_get_subclas`