LineStyleThicknessModifier_Curvature_3D(LineStyleThicknessMo

base classes — `bpy_struct`, `LineStyleModifier`, `LineStyleThicknessModifier`

class bpy.types.**LineStyleThicknessModifier_Curvature_3D(LineStyleThicknessModifier)**

Line thickness based on the radial curvature of 3D mesh surfaces

> **blend**
>
> Specify how the modifier value is blended into the base value
>
> > **TYPE:**
> >
> > enum in ['MIX', 'ADD', 'SUBTRACT', 'MULTIPLY', 'DIVIDE', 'DIFFERENCE', 'MINIMUM', 'MAXIMUM'], default 'MIX'
>
> **curvature_max**
>
> Maximum Curvature
>
> > **TYPE:**
> >
> > float in [0, 10000], default 0.0
>
> **curvature_min**
>
> Minimum Curvature
>
> > **TYPE:**
> >
> > float in [0, 10000], default 0.0
>
> **curve**
>
> Curve used for the curve mapping
>
> > **TYPE:**
> >
> > `CurveMapping`, (readonly)
>
> **expanded**
>
> True if the modifier tab is expanded
>
> > **TYPE:**
> >
> > boolean, default False
>
> **influence**
>
> Influence factor by which the modifier changes the property
>
> > **TYPE:**
> >
> > float in [0, 1], default 0.0
>
> **invert**
>
> Invert the fade-out direction of the linear mapping
>
> > **TYPE:**
> >
> > boolean, default False
>
> **mapping**
>
> Select the mapping type
>
> - `LINEAR` Linear – Use linear mapping.
> - `CURVE` Curve – Use curve mapping.

TYPE:

enum in ['LINEAR', 'CURVE'], default 'LINEAR'

thickness_max

Maximum thickness

TYPE:

float in [0, 10000], default 0.0

thickness_min

Minimum thickness

TYPE:

float in [0, 10000], default 0.0

type

Type of the modifier

TYPE:

enum in Linestyle Thickness Modifier Type Items, default 'ALONG_STROKE', (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` • `LineStyleThicknessModifier.name`

Inherited Functions

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`

- 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.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
- LineStyleThicknessModifier.bl_rna_get_subcla
- LineStyleThicknessModifier.bl_rna_get_subcla