SurfaceDeformModifier(Modifier)

base classes — `bpy_struct`, `Modifier`

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

> **falloff**
>
> > Controls how much nearby polygons influence deformation
> >
> > **TYPE:**
> >
> > > float in [2, 16], default 4.0
>
> **invert_vertex_group**
>
> > Invert vertex group influence
> >
> > **TYPE:**
> >
> > > boolean, default False
>
> **is_bound**
>
> > Whether geometry has been bound to target mesh
> >
> > **TYPE:**
> >
> > > boolean, default False, (readonly)
>
> **strength**
>
> > Strength of modifier deformations
> >
> > **TYPE:**
> >
> > > float in [-100, 100], default 1.0
>
> **target**
>
> > Mesh object to deform with
> >
> > **TYPE:**
> >
> > > `Object`
>
> **use_sparse_bind**
>
> > Only record binding data for vertices matching the vertex group at the time of bind
> >
> > **TYPE:**
> >
> > > boolean, default False
>
> **vertex_group**
>
> > Vertex group name for selecting/weighting the affected areas
> >
> > **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
- 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

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