MirrorModifier(Modifier)

base classes — `bpy_struct`, `Modifier`

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

Mirroring modifier

bisect_threshold

Distance from the bisect plane within which vertices are removed

TYPE:

float in [0, inf], default 0.001

merge_threshold

Distance within which mirrored vertices are merged

TYPE:

float in [0, inf], default 0.001

mirror_object

Object to use as mirror

TYPE:

`Object`

mirror_offset_u

Amount to offset mirrored UVs flipping point from the 0.5 on the U axis

TYPE:

float in [-1, 1], default 0.0

mirror_offset_v

Amount to offset mirrored UVs flipping point from the 0.5 point on the V axis

TYPE:

float in [-1, 1], default 0.0

offset_u

Mirrored UV offset on the U axis

TYPE:

float in [-10000, 10000], default 0.0

offset_v

Mirrored UV offset on the V axis

TYPE:

float in [-10000, 10000], default 0.0

use_axis

Enable axis mirror

TYPE:

boolean array of 3 items, default (False, False, False)

use_bisect_axis

Cuts the mesh across the mirror plane

TYPE:

boolean array of 3 items, default (False, False, False)

use_bisect_flip_axis

Flips the direction of the slice

TYPE:

boolean array of 3 items, default (False, False, False)

use_clip

Prevent vertices from going through the mirror during transform

TYPE:

boolean, default False

use_mirror_merge

Merge vertices within the merge threshold

TYPE:

boolean, default True

use_mirror_u

Mirror the U texture coordinate around the flip offset point

TYPE:

boolean, default False

use_mirror_udim

Mirror the texture coordinate around each tile center

TYPE:

boolean, default False

use_mirror_v

Mirror the V texture coordinate around the flip offset point

TYPE:

boolean, default False

use_mirror_vertex_groups

Mirror vertex groups (e.g. .R->.L)

TYPE:

boolean, default True

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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