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CurveModifier(Modifier)

base classes — `bpy_struct`, `Modifier`

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

Curve deformation modifier

deform axis

The axis that the curve deforms along

TYPE:

enum in ['POS X', 'POS Y', 'POS Z', 'NEG X', 'NEG Y', 'NEG Z'], default 'POS X'

invert vertex group

Invert vertex group influence

TYPE:

boolean, default False

object

Curve object to deform with

TYPE:

Object

vertex group

Name of Vertex Group which determines influence of modifier per point

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_expanded
 - Modifier.is_active
 - Modifier.has_min_max_value

- `Modifier.type`
- `Modifier.show_viewport`
- `Modifier.show_render`
- `Modifier.show_in_editmode`
- `Modifier.show_on_cage`
- `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`