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FModifierEnvelope(FModifier)

base classes — `bpy_struct`, `FModifier`

class `bpy.types.FModifierEnvelope(FModifier)`

Scale the values of the modified F-Curve

control_points

Control points defining the shape of the envelope

TYPE:

`FModifierEnvelopeControlPoints` `bpy_prop_collection` of `FModifierEnvelopeControlPoint`
(readonly)

default_max

Upper distance from Reference Value for 1:1 default influence

TYPE:

float in `[-inf, inf]`, default 0.0

default_min

Lower distance from Reference Value for 1:1 default influence

TYPE:

float in `[-inf, inf]`, default 0.0

reference_value

Value that envelope's influence is centered around / based on

TYPE:

float in `[-inf, inf]`, default 0.0

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`
- `FModifier.use_restricted_range`
- `FModifier.name`
- `FModifier.frame_start`

- FModifier.name
- FModifier.type
- FModifier.show_expanded
- FModifier.mute
- FModifier.is_valid
- FModifier.active
- FModifier.frame_start
- FModifier.frame_end
- FModifier.blend_in
- FModifier.blend_out
- FModifier.use_influence
- FModifier.influence

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
- FModifier.bl_rna_get_subclass
- FModifier.bl_rna_get_subclass_py