

[Skip to content](#)

FModifierLimits(FModifier)

base classes — `bpy_struct`, `FModifier`

class bpy.types.FModifierLimits(FModifier)

Limit the time/value ranges of the modified F-Curve

max_x

Highest X value to allow

TYPE:

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

max_y

Highest Y value to allow

TYPE:

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

min_x

Lowest X value to allow

TYPE:

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

min_y

Lowest Y value to allow

TYPE:

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

use_max_x

Use the maximum X value

TYPE:

boolean, default False

use_max_y

Use the maximum Y value

TYPE:

boolean, default False

use_min_x

Use the minimum X value

TYPE:

boolean, default False

use_min_y

Use the minimum Y value

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`
- `FModifier.name`
- `FModifier.type`
- `FModifier.show_expanded`
- `FModifier.mute`
- `FModifier.is_valid`
- `FModifier.active`
- `FModifier.use_restricted_range`
- `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`