FollowPathConstraint(Constraint)

base classes — `bpy_struct`, `Constraint`

class bpy.types.**FollowPathConstraint(Constraint)**

Lock motion to the target path

forward_axis

Axis that points forward along the path

TYPE:

enum in ['FORWARD_X', 'FORWARD_Y', 'FORWARD_Z', 'TRACK_NEGATIVE_X', 'TRACK_NEGATIVE_Y', 'TRACK_NEGATIVE_Z'], default 'FORWARD_X'

offset

Offset from the position corresponding to the time frame

TYPE:

float in [-1.04857e+06, 1.04857e+06], default 0.0

offset_factor

Percentage value defining target position along length of curve

TYPE:

float in [-inf, inf], default 0.0

target

Target Curve object

TYPE:

`Object`

up_axis

Axis that points upward

TYPE:

enum in ['UP_X', 'UP_Y', 'UP_Z'], default 'UP_X'

use_curve_follow

Object will follow the heading and banking of the curve

TYPE:

boolean, default False

use_curve_radius

Object is scaled by the curve radius

TYPE:

boolean, default False

use_fixed_location

Object will stay locked to a single point somewhere along the length of the curve regardless of time

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`
- `Constraint.name`
- `Constraint.type`
- `Constraint.is_override_data`
- `Constraint.owner_space`
- `Constraint.target_space`
- `Constraint.space_object`
- `Constraint.space_subtarget`
- `Constraint.mute`
- `Constraint.enabled`
- `Constraint.show_expanded`
- `Constraint.is_valid`
- `Constraint.active`
- `Constraint.influence`
- `Constraint.error_location`
- `Constraint.error_rotation`

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`
- `Constraint.bl_rna_get_subclass`
- `Constraint.bl_rna_get_subclass_py`