CopyRotationConstraint(Constraint)

base classes — bpy_struct, Constraint

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

Copy the rotation of the target

euler_order

Explicitly specify the euler rotation order

- AUTO Default – Euler using the default rotation order.
- XYZ XYZ Euler – Euler using the XYZ rotation order.
- XZY XZY Euler – Euler using the XZY rotation order.
- YXZ YXZ Euler – Euler using the YXZ rotation order.
- YZX YZX Euler – Euler using the YZX rotation order.
- ZXY ZXY Euler – Euler using the ZXY rotation order.
- ZYX ZYX Euler – Euler using the ZYX rotation order.

TYPE:

enum in [‘AUTO’, ‘XYZ’, ‘XZY’, ‘YXZ’, ‘YZX’, ‘ZXY’, ‘ZYX’], default ‘AUTO’

invert_x

Invert the X rotation

TYPE:

boolean, default False

invert_y

Invert the Y rotation

TYPE:

boolean, default False

invert_z

Invert the Z rotation

TYPE:

boolean, default False

mix_mode

Specify how the copied and existing rotations are combined

- REPLACE Replace – Replace the original rotation with copied.
- ADD Add – Add euler component values together.
- BEFORE Before Original – Apply copied rotation before original, as if the constraint target is a parent.
- AFTER After Original – Apply copied rotation after original, as if the constraint target is a child.
- OFFSET Offset (Legacy) – Combine rotations like the original Offset checkbox. Does not work well for multiple axis rotations..

TYPE:

enum in [‘REPLACE’, ‘ADD’, ‘BEFORE’, ‘AFTER’, ‘OFFSET’], default ‘REPLACE’

subtarget

Armature bone, mesh or lattice vertex group, …

TYPE:

string, default “”, (never None)

target

Target object

TYPE:

Object

use_offset

DEPRECATED: Add original rotation into copied rotation

TYPE:

boolean, default False

use_x

Copy the target’s X rotation

TYPE:

boolean, default False

use_y

Copy the target’s Y rotation

TYPE:

boolean, default False

use_z

Copy the target’s Z rotation

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.mute
- Constraint.enabled
- Constraint.show_expanded

- Constraint.is_override_data
- Constraint.is_valid
- Constraint.owner_space
- Constraint.active
- Constraint.target_space
- Constraint.influence
- Constraint.space_object
- Constraint.error_location
- Constraint.space_subtarget
- 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