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ChildOfConstraint(Constraint)

base classes — [bpy_struct](#), [Constraint](#)

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

Create constraint-based parent-child relationship

inverse_matrix

Transformation matrix to apply before

TYPE:

[mathutils.Matrix](#) of 4 * 4 items in [-inf, inf], default ((0.0, 0.0, 0.0, 0.0), (0.0, 0.0, 0.0, 0.0), (0.0, 0.0, 0.0, 0.0), (0.0, 0.0, 0.0, 0.0))

set_inverse_pending

Set to true to request recalculation of the inverse matrix

TYPE:

boolean, default False

subtarget

Armature bone, mesh or lattice vertex group, ...

TYPE:

string, default ‘’, (never None)

target

Target object

TYPE:

[Object](#)

use_location_x

Use X Location of Parent

TYPE:

boolean, default False

use_location_y

Use Y Location of Parent

TYPE:

boolean, default False

use_location_z

Use Z Location of Parent

TYPE:

boolean, default False

use_rotation_x

Use X Rotation of Parent

TYPE:

boolean, default False

...

use_rotation_y

Use Y Rotation of Parent

TYPE:

boolean, default False

use_rotation_z

Use Z Rotation of Parent

TYPE:

boolean, default False

use_scale_x

Use X Scale of Parent

TYPE:

boolean, default False

use_scale_y

Use Y Scale of Parent

TYPE:

boolean, default False

use_scale_z

Use Z Scale of Parent

TYPE:

boolean, default False

classmethod bl_ma_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_ma_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.mute`
- `Constraint.enabled`
- `Constraint.show_expanded`
- `Constraint.is_valid`
- `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`