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LimitLocationConstraint(Constraint)

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

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

Limit the location of the constrained object

max_x

Highest X value to allow

TYPE:

float in $[-\infty, \infty]$, default 0.0

max_y

Highest Y value to allow

TYPE:

float in $[-\infty, \infty]$, default 0.0

max_z

Highest Z value to allow

TYPE:

float in $[-\infty, \infty]$, default 0.0

min_x

Lowest X value to allow

TYPE:

float in $[-\infty, \infty]$, default 0.0

min_y

Lowest Y value to allow

TYPE:

float in $[-\infty, \infty]$, default 0.0

min_z

Lowest Z value to allow

TYPE:

float in $[-\infty, \infty]$, 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_max_z

Use the maximum Z 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

use_min_z

Use the minimum Z value

TYPE:

boolean, default False

use_transform_limit

Transform tools are affected by this constraint as well

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.target_space`
- `Constraint.mute`
- `Constraint.enabled`
- `Constraint.show_expanded`
- `Constraint.is_valid`
- `Constraint.active`
- `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`