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MetaElement(bpy_struct)

base class — `bpy_struct`

class `bpy.types.MetaElement(bpy_struct)`

Blobby element in a metaball data-block

co

TYPE:

`mathutils.Vector` of 3 items in $[-\text{inf}, \text{inf}]$, default (0.0, 0.0, 0.0)

hide

Hide element

TYPE:

boolean, default False

radius

TYPE:

float in $[0, \text{inf}]$, default 0.0

rotation

Normalized quaternion rotation

TYPE:

`mathutils.Quaternion` rotation of 4 items in $[-\text{inf}, \text{inf}]$, default (0.0, 0.0, 0.0, 0.0)

select

Select element

TYPE:

boolean, default False

size_x

Size of element, use of components depends on element type

TYPE:

float in $[0, 20]$, default 0.0

size_y

Size of element, use of components depends on element type

TYPE:

float in $[0, 20]$, default 0.0

size_z

Size of element, use of components depends on element type

TYPE:

float in $[0, 20]$, default 0.0

stiffness

Stiffness defines how much of the element to fill

TYPE:

float in $[0, 10]$, default 0.0

float in [0, 10], default 0.0

type

Metaball type

TYPE:

enum in [Metaball Type Items](#), default 'BALL'

use_negative

Set metaball as negative one

TYPE:

boolean, default False

use_scale_stiffness

Scale stiffness instead of radius

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](#)

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.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.is_property_readonly`
- `bpy_struct.is_property_set`
- `bpy_struct.type_recast`
- `bpy_struct.values`

References

- `MetaBall.elements`
- `MetaBallElements.new`
- `MetaBallElements.active`
- `MetaBallElements.remove`

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