

Mball Operators

`bpy.ops.mball.delete_metalems(*, confirm=True)`

Delete selected metaball element(s)

PARAMETERS:

confirm (*boolean, (optional)*) – Confirm, Prompt for confirmation

`bpy.ops.mball.duplicate_metalems()`

Duplicate selected metaball element(s)

`bpy.ops.mball.duplicate_move(*, MBALL_OT_duplicate_metalems=None, TRANSFORM_OT_translate=None)`

Make copies of the selected metaball elements and move them

PARAMETERS:

- **MBALL_OT_duplicate_metalems** (`MBALL_OT_duplicate_metalems`, (*optional*)) – Duplicate Metaball Elements, Duplicate selected metaball element(s)
- **TRANSFORM_OT_translate** (`TRANSFORM_OT_translate`, (*optional*)) – Move, Move selected items

`bpy.ops.mball.hide_metalems(*, unselected=False)`

Hide (un)selected metaball element(s)

PARAMETERS:

unselected (*boolean, (optional)*) – Unselected, Hide unselected rather than selected

`bpy.ops.mball.reveal_metalems(*, select=True)`

Reveal all hidden metaball elements

PARAMETERS:

select (*boolean, (optional)*) – Select

`bpy.ops.mball.select_all(*, action="TOGGLE")`

Change selection of all metaball elements

PARAMETERS:

action (*enum in ['TOGGLE', 'SELECT', 'DESELECT', 'INVERT'], (optional)*) –

Action, Selection action to execute

- **TOGGLE** Toggle – Toggle selection for all elements.
- **SELECT** Select – Select all elements.
- **DESELECT** Deselect – Deselect all elements.
- **INVERT** Invert – Invert selection of all elements.

`bpy.ops.mball.select_random_metalems(*, ratio=0.5, seed=0, action='SELECT')`

Randomly select metaball elements

PARAMETERS:

- **ratio** (*float in [0, 1], (optional)*) – Ratio, Portion of items to select randomly
- **seed** (*int in [0, inf], (optional)*) – Random Seed, Seed for the random number generator
- **action** (*enum in ['SELECT', 'DESELECT'], (optional)*) –
Action, Selection action to execute
 - **SELECT** Select – Select all elements.
 - **DESELECT** Deselect – Deselect all elements.

```
bpy.ops.mball.select_similar(*, type='TYPE', threshold=0.1)
```

Select similar metaballs by property types

PARAMETERS:

- **type** (*enum in ['TYPE', 'RADIUS', 'STIFFNESS', 'ROTATION'], (optional)*) – Type
- **threshold** (*float in [0, inf], (optional)*) – Threshold

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