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# ObjectModifiers(bpy\_struct)

base class — [bpy\\_struct](#)

**class** bpy.types.ObjectModifiers(bpy\_struct)

Collection of object modifiers

**active**

The active modifier in the list

**TYPE:**

[Modifier](#)

**new(name, type)**

Add a new modifier

**PARAMETERS:**

- **name** (*string, (never None)*) – New name for the modifier
- **type** (enum in [Object Modifier Type Items](#)) – Modifier type to add

**RETURNS:**

Newly created modifier

**RETURN TYPE:**

[Modifier](#)

**remove(modifier)**

Remove an existing modifier from the object

**PARAMETERS:**

**modifier** ([Modifier](#) , (never None)) – Modifier to remove

**clear()**

Remove all modifiers from the object

**move(from\_index, to\_index)**

Move a modifier to a different position

**PARAMETERS:**

- **from\_index** (*int in [-inf, inf]*) – From Index, Index to move
- **to\_index** (*int in [-inf, inf]*) – To Index, Target index

**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:**

#### 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.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`

## References

- `Object.modifiers`