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# BuildModifier(Modifier)

base classes — [bpy\\_struct](#), [Modifier](#)

**class** bpy.types.**BuildModifier**(**Modifier**)

Build effect modifier

**frame\_duration**

Total time the build effect requires

**TYPE:**

float in [1, 1.04857e+06], default 100.0

**frame\_start**

Start frame of the effect

**TYPE:**

float in [-1.04857e+06, 1.04857e+06], default 1.0

**seed**

Seed for random if used

**TYPE:**

int in [1, 1048574], default 0

**use\_random\_order**

Randomize the faces or edges during build

**TYPE:**

boolean, default False

**use\_reverse**

Deconstruct the mesh instead of building it

**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`
- `Modifier.name`
- `Modifier.type`
- `Modifier.show_viewport`
- `Modifier.show_render`
- `Modifier.show_in_editmode`
- `Modifier.show_on_cage`
- `Modifier.show_expanded`
- `Modifier.is_active`
- `Modifier.use_pin_to_last`
- `Modifier.is_override_data`
- `Modifier.use_apply_on_spline`
- `Modifier.execution_time`
- `Modifier.persistent_uid`

## 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`
- `Modifier.bl_rna_get_subclass`
- `Modifier.bl_rna_get_subclass_py`