VertexGroup(bpy_struct)

base class — `bpy_struct`

class bpy.types.**VertexGroup(bpy_struct)**

Group of vertices, used for armature deform and other purposes

index

Index number of the vertex group

TYPE:

int in [0, inf], default 0, (readonly)

lock_weight

Maintain the relative weights for the group

TYPE:

boolean, default False

name

Vertex group name

TYPE:

string, default "", (never None)

add(index, weight, type)

Add vertices to the group

PARAMETERS:

- **index** (*int array of 1 items in [-inf, inf]*) – List of indices
- **weight** (*float in [0, 1]*) – Vertex weight
- **type** (*enum in ['REPLACE', 'ADD', 'SUBTRACT']*) –
  Vertex assign mode

  - `REPLACE` Replace – Replace.
  - `ADD` Add – Add.
  - `SUBTRACT` Subtract – Subtract.

remove(index)

Remove vertices from the group

PARAMETERS:

index (*int array of 1 items in [-inf, inf]*) – List of indices

weight(index)

Get a vertex weight from the group

PARAMETERS:

index (*int in [0, inf]*) – Index, The index of the vertex

RETURNS:

Vertex weight

RETURN TYPE:

float in [0, 1]

classmethod bl_rna_get_subclass(id, default=None)

classmethod bl_rna_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_rna_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.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.vertex_groups`
- `VertexGroups.active`
- `VertexGroups.new`
- `VertexGroups.remove`