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# Point(bpy\_struct)

base class — `bpy_struct`

**class** `bpy.types.Point(bpy_struct)`

Point in a point cloud

**co**

**TYPE:**

`mathutils.Vector` of 3 items in `[-inf, inf]`, default `(0.0, 0.0, 0.0)`

**index**

Index of this point

**TYPE:**

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

**radius**

**TYPE:**

`float` in `[-inf, inf]`, default `0.0`

**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.items`
- `bpy_struct.keyframe_delete`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`
- `bpy_struct.path_from_id`

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