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# AttributeGroupGreasePencil(bpy\_struct)

base class — [bpy\\_struct](#)

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

Group of geometry attributes

**active**

Active attribute

**TYPE:**

[Attribute](#)

**active\_index**

Active attribute index or -1 when none are active

**TYPE:**

int in [-1, inf], default 0

**new(name, type, domain)**

Add attribute to geometry

**PARAMETERS:**

- **name** (*string, (never None)*) – Name, Name of geometry attribute
- **type** (enum in [Attribute Type Items](#)) – Type, Attribute type
- **domain** (enum in [Attribute Domain Items](#)) – Domain, Type of element that attribute is stored on

**RETURNS:**

New geometry attribute

**RETURN TYPE:**

[Attribute](#)

**remove(attribute)**

Remove attribute from geometry

**PARAMETERS:**

**attribute** ([Attribute](#) , (never None)) – Geometry Attribute

**domain\_size(domain)**

Get the size of a given domain

**PARAMETERS:**

**domain** (enum in [Attribute Domain Items](#)) – Domain, Type of element that attribute is stored on

**RETURNS:**

Size, Size of the domain

**RETURN TYPE:**

int in [0, inf]

**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

- |   |  |
|---|--|
| • <code>bpy_struct.as_pointer</code>                      | • <code>bpy_struct.items</code>                            |
| • <code>bpy_struct.driver_add</code>                      | • <code>bpy_struct.keyframe_delete</code>                  |
| • <code>bpy_struct.driver_remove</code>                   | • <code>bpy_struct.keyframe_insert</code>                  |
| • <code>bpy_struct.get</code>                             | • <code>bpy_struct.keys</code>                             |
| • <code>bpy_struct.id_properties_clear</code>             | • <code>bpy_struct.path_from_id</code>                     |
| • <code>bpy_struct.id_properties_ensure</code>            | • <code>bpy_struct.path_resolve</code>                     |
| • <code>bpy_struct.id_properties_ui</code>                | • <code>bpy_struct.pop</code>                              |
| • <code>bpy_struct.is_property_hidden</code>              | • <code>bpy_struct.property_overridable_library_set</code> |
| • <code>bpy_struct.is_property_overridable_library</code> | • <code>bpy_struct.property_unset</code>                   |
| • <code>bpy_struct.is_property_readonly</code>            | • <code>bpy_struct.type_recast</code>                      |
| • <code>bpy_struct.is_property_set</code>                 | • <code>bpy_struct.values</code>                           |

## References

- `GreasePencilv3.attributes` • `GreasePencilv3.color_attributes`