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LayerCollection(bpy_struct)

base class — [bpy_struct](#)

class bpy.types.LayerCollection(bpy_struct)

Layer collection

children

Layer collection children

TYPE:

[bpy_prop_collection](#) of [LayerCollection](#), (readonly)

collection

Collection this layer collection is wrapping

TYPE:

[Collection](#), (readonly, never None)

exclude

Exclude from view layer

TYPE:

boolean, default False

hide_viewport

Temporarily hide in viewport

TYPE:

boolean, default False

holdout

Mask out objects in collection from view layer

TYPE:

boolean, default False

indirect_only

Objects in collection only contribute indirectly (through shadows and reflections) in the view layer

TYPE:

boolean, default False

is_visible

Whether this collection is visible for the view layer, take into account the collection parent

TYPE:

boolean, default False, (readonly)

name

Name of this layer collection (same as its collection one)

TYPE:

string, default “”, (readonly, never None)

visible_get()

Whether this collection is visible, take into account the collection parent and the viewport

RETURN TYPE:

boolean

has_objects()

RETURN TYPE:

boolean

has_selected_objects(view_layer)

PARAMETERS:

view_layer (`ViewLayer`) – View layer the layer collection belongs to

RETURN TYPE:

boolean

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

- `bpy.context.collection`
- `Context.layer_collection`
- `LayerCollection.children`
- `ViewLayer.active_layer_collection`
- `ViewLayer.layer_collection`

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