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IDMaterials(bpy_struct)

base class — [bpy_struct](#)

class `bpy.types.IDMaterials(bpy_struct)`

Collection of materials

append(material)

Add a new material to the data-block

PARAMETERS:

material ([Material](#)) – Material to add

pop(*, index=-1)

Remove a material from the data-block

PARAMETERS:

index (*int in [-32766, 32766], (optional)*) – Index of material to remove

RETURNS:

Material to remove

RETURN TYPE:

[Material](#)

clear()

Remove all materials from the data-block

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](#)

Inherited Functions

• [bpy_struct.as_modifier](#)

• [bpy_struct.items](#)

- `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

- `Curve.materials`
- `Curves.materials`
- `GreasePencilv3.materials`
- `Mesh.materials`
- `MetaBall.materials`
- `PointCloud.materials`
- `Volume.materials`