

[Skip to content](#)

# EnumProperty(Property)

base classes — [bpy\\_struct](#), [Property](#)

**class** bpy.types.EnumProperty(Property)

RNA enumeration property definition, to choose from a number of predefined options

## default

Default value for this enum

### TYPE:

enum in ['DUMMY'], default 'DUMMY', (readonly)

## default\_flag

Default value for this enum

### TYPE:

enum set in {'DUMMY'}, default {}, (readonly)

## enum\_items

Possible values for the property

### TYPE:

[bpy\\_prop\\_collection](#) of [EnumPropertyItem](#), (readonly)

## enum\_items\_static

Possible values for the property (never calls optional dynamic generation of those)

### TYPE:

[bpy\\_prop\\_collection](#) of [EnumPropertyItem](#), (readonly)

## enum\_items\_static\_ui

Possible values for the property (never calls optional dynamic generation of those). Includes UI elements (separators and section headings).

### TYPE:

[bpy\\_prop\\_collection](#) of [EnumPropertyItem](#), (readonly)

**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`
- `Property.name`
- `Property.identifier`
- `Property.description`
- `Property.translation_context`
- `Property.type`
- `Property.subtype`
- `Property.srna`
- `Property.unit`
- `Property.icon`
- `Property.is_readonly`
- `Property.is_animatable`
- `Property.is_overridable`
- `Property.is_required`
- `Property.is_argument_optional`
- `Property.is_never_none`
- `Property.is_hidden`
- `Property.is_skip_save`
- `Property.is_skip_preset`
- `Property.is_output`
- `Property.is_registered`
- `Property.is_registered_optional`
- `Property.is_runtime`
- `Property.is_enum_flag`
- `Property.is_library_editable`
- `Property.is_path_output`
- `Property.tags`

## 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`
- `Property.bl_rna_get_subclass`
- `Property.bl_rna_get_subclass_py`