IDOverrideLibraryPropertyOperation(bpy_struct)

base class — `bpy_struct`

class bpy.types.**IDOverrideLibraryPropertyOperation(bpy_struct)**

Description of an override operation over an overridden property

flag

Status flags

- `MANDATORY` Mandatory – For templates, prevents the user from removing predefined operation (NOT USED).
- `LOCKED` Locked – Prevents the user from modifying that override operation (NOT USED).
- `IDPOINTER_MATCH_REFERENCE` Match Reference – The ID pointer overridden by this operation is expected to match the reference hierarchy.
- `IDPOINTER_ITEM_USE_ID` ID Item Use ID Pointer – RNA collections of IDs only, the reference to the item also uses the ID pointer itself, not only its name.

TYPE:

enum set in {'MANDATORY', 'LOCKED', 'IDPOINTER_MATCH_REFERENCE', 'IDPOINTER_ITEM_USE_ID'}, default {'MANDATORY'}, (readonly)

operation

What override operation is performed

- `NOOP` No-Op – Does nothing, prevents adding actual overrides (NOT USED).
- `REPLACE` Replace – Replace value of reference by overriding one.
- `DIFF_ADD` Differential – Stores and apply difference between reference and local value (NOT USED).
- `DIFF_SUB` Differential – Stores and apply difference between reference and local value (NOT USED).
- `FACT_MULTIPLY` Factor – Stores and apply multiplication factor between reference and local value (NOT USED).
- `INSERT_AFTER` Insert After – Insert a new item into collection after the one referenced in subitem_reference_name/_id or _index.
- `INSERT_BEFORE` Insert Before – Insert a new item into collection before the one referenced in subitem_reference_name/_id or _inde (NOT USED).

TYPE:

enum in ['NOOP', 'REPLACE', 'DIFF_ADD', 'DIFF_SUB', 'FACT_MULTIPLY', 'INSERT_AFTER', 'INSERT_BEFORE'], default 'REPLACE', (readonly)

subitem_local_id

Collection of IDs only, used to disambiguate between potential IDs with same name from different libraries

TYPE:

`ID`, (readonly)

subitem_local_index

Used to handle changes into collection

TYPE:

int in [-1, inf], default -1, (readonly)

subitem_local_name

Used to handle changes into collection

TYPE:

string, default '', (readonly, never None)

subitem_reference_id

Collection of IDs only, used to disambiguate between potential IDs with same name from different libraries

TYPE:

ID , (readonly)

subitem_reference_index

Used to handle changes into collection

TYPE:

int in [-1, inf], default -1, (readonly)

subitem_reference_name

Used to handle changes into collection

TYPE:

string, default "", (readonly, never None)

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.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.is_property_set`
- `bpy_struct.values`

References

- `IDOverrideLibraryProperty.operations`
- `IDOverrideLibraryPropertyOperations.add`
- `IDOverrideLibraryPropertyOperations.remove`