WorkSpaceTool(bpy_struct)

base class — bpy_struct

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

brush_type

If the tool uses brushes and is limited to a specific brush type, the identifier of the brush type

TYPE:

enum in [‘DEFAULT’], default ‘DEFAULT’, (readonly)

has_datablock

TYPE:

boolean, default False, (readonly)

idname

TYPE:

string, default ‘’, (never None)

idname_fallback

TYPE:

string, default ‘’, (never None)

index

TYPE:

int in [-inf, inf], default 0, (readonly)

mode

TYPE:

enum in [‘DEFAULT’], default ‘DEFAULT’, (readonly)

space_type

TYPE:

enum in Space Type Items, default ‘EMPTY’, (readonly)

use_brushes

TYPE:

boolean, default False, (readonly)

use_paint_canvas

Does this tool use a painting canvas

TYPE:

boolean, default False, (readonly)

widget

TYPE:

string, default ‘’, (readonly, never None)

setup(idname, *, cursor='DEFAULT', keymap='', gizmo_group='', brush_type='', data_block='', operator='', index=0, options={}, idname_fallback='', keymap_fallback='')

Set the tool settings

PARAMETERS:

- **idname** (*string, (never None)*) – Identifier
- **cursor** (enum in Window Cursor Items, (optional)) – cursor
- **keymap** (*string, (optional, never None)*) – Key Map
- **gizmo_group** (*string, (optional, never None)*) – Gizmo Group
- **brush_type** (*enum in [], (optional)*) – Brush Type, Limit this tool to a specific type of brush
- **data_block** (*string, (optional, never None)*) – Data Block
- **operator** (*string, (optional, never None)*) – Operator
- **index** (*int in [-inf, inf], (optional)*) – Index
- **options** (*enum set in {'KEYMAP_FALLBACK', 'USE_BRUSHES'}, (optional)*) – Tool Options
  - `KEYMAP_FALLBACK` Fallback.
  - `USE_BRUSHES` Uses Brushes – Allow this tool to use brushes via the asset system.
- **idname_fallback** (*string, (optional, never None)*) – Fallback Identifier
- **keymap_fallback** (*string, (optional, never None)*) – Fallback Key Map

operator_properties(operator)

operator_properties

RETURN TYPE:

`OperatorProperties`, (never None)

gizmo_group_properties(group)

gizmo_group_properties

RETURN TYPE:

`GizmoGroupProperties`, (never None)

refresh_from_context()

refresh_from_context

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

- WorkSpace.tools
- wmTools.from_space_image_mode
- wmTools.from_space_node
- wmTools.from_space_sequencer
- wmTools.from_space_view3d_mode