

[Skip to content](#)

# CompositorNodeScale(CompositorNode)

base classes — [bpy\\_struct](#), [Node](#), [NodeInternal](#), [CompositorNode](#)

**class** bpy.types.CompositorNodeScale(CompositorNode)

Change the size of the image

## frame\_method

How the image fits in the camera frame

### TYPE:

enum in ['STRETCH', 'FIT', 'CROP'], default 'STRETCH'

## offset\_x

Offset image horizontally (factor of image size)

### TYPE:

float in [-inf, inf], default 0.0

## offset\_y

Offset image vertically (factor of image size)

### TYPE:

float in [-inf, inf], default 0.0

## space

Coordinate space to scale relative to

### TYPE:

enum in ['RELATIVE', 'ABSOLUTE', 'SCENE\_SIZE', 'RENDER\_SIZE'], default 'RELATIVE'

**classmethod** is\_registered\_node\_type()

True if a registered node type

### RETURNS:

Result

### RETURN TYPE:

boolean

**classmethod** input\_template(index)

Input socket template

### PARAMETERS:

**index** (*int in [0, inf]*) – Index

### RETURNS:

result

### RETURN TYPE:

[NodeInternalSocketTemplate](#)

**classmethod** output\_template(index)

Output socket template

### PARAMETERS:

**index** (*int in [0, inf]*) – Index

**RETURNS:**

result

**RETURN TYPE:**

`NodeInternalSocketTemplate`

**update()****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`
- `Node.type`
- `Node.location`
- `Node.location_absolute`
- `Node.width`
- `Node.height`
- `Node.dimensions`
- `Node.name`
- `Node.label`
- `Node.inputs`
- `Node.outputs`
- `Node.internal_links`
- `Node.parent`
- `Node.warning_propagation`
- `Node.use_custom_color`
- `Node.color`
- `Node.color_tag`
- `Node.select`
- `Node.show_options`
- `Node.show_preview`
- `Node.hide`
- `Node.mute`
- `Node.show_texture`
- `Node.bl_idname`
- `Node.bl_label`
- `Node.bl_description`
- `Node.bl_icon`
- `Node.bl_static_type`
- `Node.bl_width_default`
- `Node.bl_width_min`
- `Node.bl_width_max`
- `Node.bl_height_default`
- `Node.bl_height_min`
- `Node.bl_height_max`

## Inherited Functions

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `Node.update`
- `Node.insert_link`

- `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`
- `Node.socket_value_update`
- `Node.is_registered_node_type`
- `Node.poll`
- `Node.poll_instance`
- `Node.init`
- `Node.copy`
- `Node.free`
- `Node.draw_buttons`
- `Node.draw_buttons_ext`
- `Node.draw_label`
- `Node.debug_zone_body_lazy_function_graph`
- `Node.debug_zone_lazy_function_graph`
- `Node.poll`
- `Node.bl_rna_get_subclass`
- `Node.bl_rna_get_subclass_py`
- `NodeInternal.poll`
- `NodeInternal.poll_instance`
- `NodeInternal.update`
- `NodeInternal.draw_buttons`
- `NodeInternal.draw_buttons_ext`
- `NodeInternal.bl_rna_get_subclass`
- `NodeInternal.bl_rna_get_subclass_py`
- `CompositorNode.tag_need_exec`
- `CompositorNode.poll`
- `CompositorNode.update`
- `CompositorNode.bl_rna_get_subclass`
- `CompositorNode.bl_rna_get_subclass_py`