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CompositorNodeVecBlur(CompositorNode)

base classes — [bpy_struct](#), [Node](#), [NodeInternal](#), [CompositorNode](#)

class bpy.types.CompositorNodeVecBlur(CompositorNode)

Uses the vector speed render pass to blur the image pixels in 2D

factor

Scaling factor for motion vectors (actually, ‘shutter speed’, in frames)

TYPE:

float in [0, 20], default 0.0

samples

TYPE:

int in [1, 256], default 0

speed_max

Maximum speed, or zero for none

TYPE:

int in [0, 1024], default 0

speed_min

Minimum speed for a pixel to be blurred (used to separate background from foreground)

TYPE:

int in [0, 1024], default 0

use_curved

Interpolate between frames in a Bézier curve, rather than linearly

TYPE:

boolean, default False

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 $[0, \infty]$*) – 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

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- `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`
 - `Node.socket_value_update`
 - `Node.is_registered_node_type`
 - `Node.poll`
 - `Node.poll_instance`
 - `Node.update`
 - `Node.insert_link`
 - `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`