Ship to content ShaderNodeMath(ShaderNode)

```
base classes — bpy_struct, Node, NodeInternal, ShaderNode
class bpy.types.ShaderNodeMath(ShaderNode)
    Perform math operations
    operation
        TYPE:
             enum in Node Math Items, default 'ADD'
     use_clamp
        Clamp result of the node to 0.0 to 1.0 range
        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 \lceil 0, inf \rceil) – 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
    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:

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

•	vqd	struct.	id	data

• Node.type

• Node.location

• Node.location absolute • Node.hide

• Node.width

Node.height

• Node.dimensions

• Node.name

• Node.label

• Node.inputs

• Node.outputs

• Node.internal links

• Node.parent

• Node.warning_propagation • Node.bl_width_max

Node.use_custom_color
 Node.bl_height_default

• Node.color

• Node.color tag

• Node.select

• Node.show options

Node.show preview

• 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 height min

Node.bl height max

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

- 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

- 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

- NodeInternal.poll instance
- NodeInternal.update
- NodeInternal.draw_buttons
- NodeInternal.draw_buttons_ext
- NodeInternal.bl rna get subclass
- NodeInternal.bl_rna_get_subclass_py
- ShaderNode.poll
- ShaderNode.bl_rna_get_subclass
- ShaderNode.bl rna get subclass py

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No ShaderNodeMix(ShaderNodeMix)