NodeTreeInterfaceSocketMatrix(NodeTreeInterfaceSocket)

base classes — `bpy_struct`, `NodeTreeInterfaceItem`, `NodeTreeInterfaceSocket`

class bpy.types.**NodeTreeInterfaceSocketMatrix(NodeTreeInterfaceSocket)**

Matrix value socket of a node

draw(context, layout)

Draw interface socket settings

PARAMETERS:

layout (`UILayout`, (never None)) – Layout, Layout in the UI

init_socket(node, socket, data_path)

Initialize a node socket instance

PARAMETERS:

- **node** (`Node`, (never None)) – Node, Node of the socket to initialize
- **socket** (`NodeSocket`, (never None)) – Socket, Socket to initialize
- **data_path** (*string, (never None)*) – Data Path, Path to specialized socket data

from_socket(node, socket)

Setup template parameters from an existing socket

PARAMETERS:

- **node** (`Node`, (never None)) – Node, Node of the original socket
- **socket** (`NodeSocket`, (never None)) – Socket, Original socket

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`
- `NodeTreeInterfaceItem.item_type`
- `NodeTreeInterfaceItem.parent`
- `NodeTreeInterfaceItem.position`

- `NodeTreeInterfaceSocket.hide_value`
- `NodeTreeInterfaceSocket.hide_in_modifier`
- `NodeTreeInterfaceSocket.force_non_field`
- `NodeTreeInterfaceSocket.is_inspect_output`

- NodeTreeInterfaceItem.index
- NodeTreeInterfaceSocket.name
- NodeTreeInterfaceSocket.identifier
- NodeTreeInterfaceSocket.description
- NodeTreeInterfaceSocket.socket_type
- NodeTreeInterfaceSocket.in_out
- NodeTreeInterfaceSocket.layer_selection_field
- NodeTreeInterfaceSocket.attribute_domain
- NodeTreeInterfaceSocket.default_attribute_name
- NodeTreeInterfaceSocket.default_input
- NodeTreeInterfaceSocket.bl_socket_idname

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
- NodeTreeInterfaceItem.bl_rna_get_subclass
- NodeTreeInterfaceItem.bl_rna_get_subclass_py
- NodeTreeInterfaceSocket.draw
- NodeTreeInterfaceSocket.init_socket
- NodeTreeInterfaceSocket.from_socket
- NodeTreeInterfaceSocket.bl_rna_get_subclass
- NodeTreeInterfaceSocket.bl_rna_get_subclass_