

[Skip to content](#)

# NodeSocketVirtual(NodeSocketStandard)

base classes — [bpy\\_struct](#), [NodeSocket](#), [NodeSocketStandard](#)

**class** `bpy.types.NodeSocketVirtual(NodeSocketStandard)`

Virtual socket of a node

## links

List of node links from or to this socket.

## TYPE:

[NodeLinks](#)

Note

Takes `O(len(nodetree.links))` time.

(readonly)

**classmethod** `bl_ma_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_ma_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](#)
- [NodeSocket.name](#)
- [NodeSocket.label](#)
- [NodeSocket.identifier](#)
- [NodeSocket.description](#)
- [NodeSocket.is\\_output](#)
- [NodeSocket.hide](#)
- [NodeSocket.enabled](#)
- [NodeSocket.link\\_limit](#)
- [NodeSocket.is\\_linked](#)
- [NodeSocket.is\\_unavailable](#)
- [NodeSocket.is\\_multi\\_input](#)
- [NodeSocket.show\\_expanded](#)
- [NodeSocket.hide\\_value](#)
- [NodeSocket.pin\\_gizmo](#)
- [NodeSocket.node](#)
- [NodeSocket.type](#)
- [NodeSocket.display\\_shape](#)
- [NodeSocket.bl\\_idname](#)
- [NodeSocket.bl\\_label](#)
- [NodeSocket.bl\\_subtype\\_label](#)
- [NodeSocket.links](#)
- [NodeSocketStandard.links](#)

## 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`
- `NodeSocket.draw`
- `NodeSocket.draw_color`
- `NodeSocket.draw_color_simple`
- `NodeSocket.bl_rna_get_subclass`
- `NodeSocket.bl_rna_get_subclass_py`
- `NodeSocketStandard.draw`
- `NodeSocketStandard.draw_color`
- `NodeSocketStandard.draw_color_simple`
- `NodeSocketStandard.bl_rna_get_subclass`
- `NodeSocketStandard.bl_rna_get_subclass_py`