NodeTreeInterfaceSocketShader(NodeTreeInterfaceSocket)

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

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

> Shader 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_

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