

ShaderFxWave(ShaderFx)

base classes — [bpy_struct](#), [ShaderFx](#)

class `bpy.types.ShaderFxWave(ShaderFx)`

Wave Deformation effect

amplitude

Amplitude of Wave

TYPE:

float in [0, inf], default 0.0

orientation

Direction of the wave

TYPE:

enum in ['HORIZONTAL', 'VERTICAL'], default 'HORIZONTAL'

period

Period of Wave

TYPE:

float in [0, inf], default 0.0

phase

Phase Shift of Wave

TYPE:

float in [-inf, inf], default 0.0

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](#)
- [ShaderFx.name](#)
- [ShaderFx.texture](#)
- [ShaderFx.show_render](#)
- [ShaderFx.show_in_editmode](#)

- `shaderfx.type`
- `ShaderFx.show_expanded`
- `ShaderFx.show_viewport`

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`
- `ShaderFx.bl_rna_get_subclass`
- `ShaderFx.bl_rna_get_subclass_py`