

[Skip to content](#)

MeshStatVis(bpy_struct)

base class — [bpy_struct](#)

class bpy.types.MeshStatVis(bpy_struct)

distort_max

Maximum angle to display

TYPE:

float in [0, 3.14159], default 0.785398

distort_min

Minimum angle to display

TYPE:

float in [0, 3.14159], default 0.0872665

overhang_axis

TYPE:

enum in [Object Axis Items](#), default 'NEG_Z'

overhang_max

Maximum angle to display

TYPE:

float in [0, 3.14159], default 0.785398

overhang_min

Minimum angle to display

TYPE:

float in [0, 3.14159], default 0.0

sharp_max

Maximum angle to display

TYPE:

float in [-3.14159, 3.14159], default 3.14159

sharp_min

Minimum angle to display

TYPE:

float in [-3.14159, 3.14159], default 1.5708

thickness_max

Maximum for measuring thickness

TYPE:

float in [0, 1000], default 0.1

thickness_min

Minimum for measuring thickness

TYPE:

float in [0, 10000], default 0.0

max in [0, 1000], default 0.0

thickness_samples

Number of samples to test per face

TYPE:

int in [1, 32], default 1

type

Type of data to visualize/check

TYPE:

enum in ['OVERHANG', 'THICKNESS', 'INTERSECT', 'DISTORT', 'SHARP'], default 'OVERHANG'

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`

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`

References

- `ToolSettings.statvis`

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