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CameraDOFSettings(bpy_struct)

base class — bpy_struct

class bpy.types.**CameraDOFSettings(bpy_struct)**

Depth of Field settings

aperture_blades

Number of blades in aperture for polygonal bokeh (at least 3)

TYPE:

int in [0, 16], default 0

aperture_fstop

F-Stop ratio (lower numbers give more defocus, higher numbers give a sharper image)

TYPE:

float in [0, inf], default 2.8

aperture_ratio

Distortion to simulate anamorphic lens bokeh

TYPE:

float in [0.01, inf], default 1.0

aperture_rotation

Rotation of blades in aperture

TYPE:

float in [-3.14159, 3.14159], default 0.0

focus_distance

Distance to the focus point for depth of field

TYPE:

float in [0, inf], default 10.0

focus_object

Use this object to define the depth of field focal point

TYPE:

Object

focus_subtarget

Use this armature bone to define the depth of field focal point

TYPE:

string, default “”, (never None)

use_dof

Use Depth of Field

TYPE:

boolean, default False

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

- `Camera.dof`