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Histogram(bpy_struct)

base class — `bpy_struct`

class `bpy.types.Histogram(bpy_struct)`

Statistical view of the levels of color in an image

mode

Channels to display in the histogram

- `LUMA` Luma – Luma.
- `RGB` RGB – Red Green Blue.
- `R` R – Red.
- `G` G – Green.
- `B` B – Blue.
- `A` A – Alpha.

TYPE:

enum in `['LUMA', 'RGB', 'R', 'G', 'B', 'A']`, default `'LUMA'`

show_line

Display lines rather than filled shapes

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.items`

- `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.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

- `Scopes.histogram` • `SpaceImageEditor.sample_histogram`

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