

[Skip to content](#)

ImagePreview(bpy_struct)

base class — `bpy_struct`

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

Preview image and icon

icon_id

Unique integer identifying this preview as an icon (zero means invalid)

TYPE:

int in [-inf, inf], default 0, (readonly)

icon_pixels

Icon pixels, as bytes (always 32-bit RGBA)

TYPE:

int in [-inf, inf], default 0

icon_pixels_float

Icon pixels components, as floats (RGBA concatenated values)

TYPE:

float in [-inf, inf], default 0.0

icon_size

Width and height in pixels

TYPE:

int array of 2 items in [-inf, inf], default (0, 0)

image_pixels

Image pixels, as bytes (always 32-bit RGBA)

TYPE:

int in [-inf, inf], default 0

image_pixels_float

Image pixels components, as floats (RGBA concatenated values)

TYPE:

float in [-inf, inf], default 0.0

image_size

Width and height in pixels

TYPE:

int array of 2 items in [-inf, inf], default (0, 0)

is_icon_custom

True if this preview icon has been modified by py script, and is no more auto-generated by Blender

TYPE:

boolean, default False

is_image_custom

True if this preview image has been modified by py script, and is no more auto-generated by Blender

TYPE:

boolean, default False

reload()

Reload the preview from its source path

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

- `ID.preview`
- `ID.preview_ensure`

