

[Skip to content](#)

# BlendDataImages(bpy\_struct)

base class — [bpy\\_struct](#)

**class** bpy.types.BlendDataImages(bpy\_struct)

Collection of images

**new**(name, width, height, \*, alpha=False, float\_buffer=False, stereo3d=False, is\_data=False, tiled=False)

Add a new image to the main database

## PARAMETERS:

- **name** (*string, (never None)*) – New name for the data-block
- **width** (*int in [1, inf]*) – Width of the image
- **height** (*int in [1, inf]*) – Height of the image
- **alpha** (*boolean, (optional)*) – Alpha, Use alpha channel
- **float\_buffer** (*boolean, (optional)*) – Float Buffer, Create an image with floating-point color
- **stereo3d** (*boolean, (optional)*) – Stereo 3D, Create left and right views
- **is\_data** (*boolean, (optional)*) – Is Data, Create image with non-color data color space
- **tiled** (*boolean, (optional)*) – Tiled, Create a tiled image

## RETURNS:

New image data-block

## RETURN TYPE:

[Image](#)

**load**(filepath, \*, check\_existing=False)

Load a new image into the main database

## PARAMETERS:

- **filepath** (*string, (never None)*) – Path of the file to load
- **check\_existing** (*boolean, (optional)*) – Using existing data-block if this file is already loaded

## RETURNS:

New image data-block

## RETURN TYPE:

[Image](#)

**remove**(image, \*, do\_unlink=True, do\_id\_user=True, do\_ui\_user=True)

Remove an image from the current blendfile

## PARAMETERS:

- **image** ([Image](#), (never None)) – Image to remove
- **do\_unlink** (*boolean, (optional)*) – Unlink all usages of this image before deleting it
- **do\_id\_user** (*boolean, (optional)*) – Decrement user counter of all datablocks used by this image
- **do\_ui\_user** (*boolean, (optional)*) – Make sure interface does not reference this image

**tag**(value)

tag

## PARAMETERS:

**value** (*boolean*) – Value

**classmethod** `bl_ma_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

- |   |  |
|---|--|
| • <code>bpy_struct.as_pointer</code>                      | • <code>bpy_struct.items</code>                            |
| • <code>bpy_struct.driver_add</code>                      | • <code>bpy_struct.keyframe_delete</code>                  |
| • <code>bpy_struct.driver_remove</code>                   | • <code>bpy_struct.keyframe_insert</code>                  |
| • <code>bpy_struct.get</code>                             | • <code>bpy_struct.keys</code>                             |
| • <code>bpy_struct.id_properties_clear</code>             | • <code>bpy_struct.path_from_id</code>                     |
| • <code>bpy_struct.id_properties_ensure</code>            | • <code>bpy_struct.path_resolve</code>                     |
| • <code>bpy_struct.id_properties_ui</code>                | • <code>bpy_struct.pop</code>                              |
| • <code>bpy_struct.is_property_hidden</code>              | • <code>bpy_struct.property_overridable_library_set</code> |
| • <code>bpy_struct.is_property_overridable_library</code> | • <code>bpy_struct.property_unset</code>                   |
| • <code>bpy_struct.is_property_readonly</code>            | • <code>bpy_struct.type_recast</code>                      |
| • <code>bpy_struct.is_property_set</code>                 | • <code>bpy_struct.values</code>                           |

## References

- `BlendData.images`