FileSelectParams(bpy_struct)

base class — `bpy_struct`

subclasses — `FileAssetSelectParams`

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

> File Select Parameters
>
> **directory**
>
>> Directory displayed in the file browser
>>
>> **TYPE:**
>>
>>> byte string, default "", (never None)
>
> **display_size**
>
>> Change the size of thumbnails
>>
>> **TYPE:**
>>
>>> int in [16, 256], default 96
>
> **display_size_discrete**
>
>> Change the size of thumbnails in discrete steps
>>
>> **TYPE:**
>>
>>> enum in ['TINY', 'SMALL', 'NORMAL', 'BIG', 'LARGE'], default 'TINY'
>
> **display_type**
>
>> Display mode for the file list
>>
>> - `LIST_VERTICAL` Vertical List – Display files as a vertical list.
>> - `LIST_HORIZONTAL` Horizontal List – Display files as a horizontal list.
>> - `THUMBNAIL` Thumbnails – Display files as thumbnails.
>>
>> **TYPE:**
>>
>>> enum in ['LIST_VERTICAL', 'LIST_HORIZONTAL', 'THUMBNAIL'], default 'LIST_VERTICAL'
>
> **filename**
>
>> Active file in the file browser
>>
>> **TYPE:**
>>
>>> string, default "", (never None)
>
> **filter_glob**
>
>> UNIX shell-like filename patterns matching, supports wildcards ('*') and list of patterns separated by ';'
>>
>> **TYPE:**
>>
>>> string, default "", (never None)
>
> **filter_id**
>
>> Which ID types to show/hide, when browsing a library
>>
>> **TYPE:**
>>
>>> `FileSelectIDFilter`, (readonly, never None)
>
> **filter_search**
>
>> Filter by name or tag, supports '*' wildcard

Filter by name or tag, supports '*' wildcard

TYPE:

string, default "", (never None)

recursion_level

Numbers of dirtree levels to show simultaneously

- `NONE` None – Only list current directory's content, with no recursion.
- `BLEND` Blend File – List .blend files' content.
- `ALL_1` One Level – List all sub-directories' content, one level of recursion.
- `ALL_2` Two Levels – List all sub-directories' content, two levels of recursion.
- `ALL_3` Three Levels – List all sub-directories' content, three levels of recursion.

TYPE:

enum in ['NONE', 'BLEND', 'ALL_1', 'ALL_2', 'ALL_3'], default 'NONE'

show_details_datetime

Show a column listing the date and time of modification for each file

TYPE:

boolean, default False

show_details_size

Show a column listing the size of each file

TYPE:

boolean, default False

show_hidden

Show hidden dot files

TYPE:

boolean, default False

sort_method

TYPE:

enum in Fileselect Params Sort Items, default 'FILE_SORT_ALPHA'

title

Title for the file browser

TYPE:

string, default "", (readonly, never None)

use_filter

Enable filtering of files

TYPE:

boolean, default False

use_filter_asset_only

Hide .blend files items that are not data-blocks with asset metadata

TYPE:

boolean, default False

use_filter_backup

Show .blend1, .blend2, etc. files

TYPE:

> boolean, default False

use_filter_blender

Show .blend files

TYPE:

> boolean, default False

use_filter_blendid

Show .blend files items (objects, materials, etc.)

TYPE:

> boolean, default False

use_filter_folder

Show folders

TYPE:

> boolean, default False

use_filter_font

Show font files

TYPE:

> boolean, default False

use_filter_image

Show image files

TYPE:

> boolean, default False

use_filter_movie

Show movie files

TYPE:

> boolean, default False

use_filter_script

Show script files

TYPE:

> boolean, default False

use_filter_sound

Show sound files

TYPE:

> boolean, default False

use_filter_text

Show text files

TYPE:

> boolean, default False

use_filter_volume

Show 3D volume files

TYPE:

boolean, default False

use_library_browsing

Whether we may browse Blender files' content or not

TYPE:

boolean, default False, (readonly)

use_sort_invert

Sort items descending, from highest value to lowest

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.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.is_property_readonly`
- `bpy_struct.is_property_set`
- `bpy_struct.type_recast`
- `bpy_struct.values`

References

- `SpaceFileBrowser.params`
- `UILayout.template_file_select_path`