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scePhotoImportDialogParamInit

Macro for call parameter initialization

Definition

```
#include <photoimport_dialog.h>
static inline
void scePhotoImportDialogParamInit(ScePhotoImportDialogParam *param)
{
     sceClibMemset( param, 0x0, sizeof(ScePhotoImportDialogParam) );
     _sceCommonDialogSetMagicNumber( &param->commonParam );
     param->sdkVersion = SCE_PSP2_SDK_VERSION;
}
```

Arguments

param Call parameter

Return Values

None

Description

This is a macro function for initializing the Photo Import Dialog call parameter.

Before performing the various call parameter settings, be sure to use this macro to execute structure initialization. The appropriate SDK version is set at the same time.

Examples

See Also

ScePhotoImportDialogParam

scePhotoImportDialogInit

Call various functions of Photo Import Dialog

Definition

Arguments

param Call parameter

Return Values

Returns SCE_OK(0) as the value of the function for success.

Returns one of the following error codes (negative value) for errors.

Value	Hexadecimal	Description
SCE_COMMON_DIALOG_ERROR_BUSY	0x80020401	The Common Dialog
		function is already
		being called (details
		below)
SCE_COMMON_DIALOG_ERROR_NULL	0x80020402	NULL was specified for
		the paramargument
SCE_COMMON_DIALOG_ERROR_INVALID_ARGUMENT	0x80020403	Invalid value was
		specified for the param
		argument
SCE_COMMON_DIALOG_ERROR_INVALID_INFOBAR_PARAM	0x80020433	Invalid value was
		specified for
		infobarParam which
		is a member of the
		param argument
SCE_COMMON_DIALOG_ERROR_INVALID_BG_COLOR	0x80020434	Invalid value was
		specified for bgColor
		which is a member of
		the param argument
SCE_COMMON_DIALOG_ERROR_INVALID_DIMMER_COLOR	0x80020435	Invalid value was
		specified for
		dimmerColor which is
		a member of the param
		argument
SCE_COMMON_DIALOG_ERROR_UNEXPECTED_FATAL	0x8002047F	Internal error

Description

This function calls the Photo Import Dialog function.

This function can be called only when other Common Dialog functions are not called (including the function of Photo Import Dialog proper). If this function is called at times other than the above, SCE COMMON DIALOG ERROR BUSY is returned.

When calling this function is successful, the operation status immediately changes to SCE_COMMON_DIALOG_STATUS_RUNNING. For details on the operation statuses, refer to the scePhotoImportDialogGetStatus() section.

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In param, specify the call parameter structure for which the call mode, selection target category, file information buffer, etc., were set.

Be sure to set values for paramafter performing initialization with the scePhotoImportDialogParamInit() macro.

The param instance need not be allocated after this function is called, but some of the pointer reference parameters must be held until calling of the Photo Import Dialog function is ended by calling scePhotoImportDialogTerm().

This function is multithread safe.

Examples

See Also

ScePhotoImportDialogParam, scePhotoImportDialogParamInit(),
scePhotoImportDialogGetStatus()

ScePhotoImportDialogParam

Structure for calling Photo Import Dialog

Definition

Members

sdkVersion SDK version

common Param Common parameters for Common Dialogs

mode Operation mode (details below)

visibleCategory Import category of file (details below)

itemCount Maximum file import count

the Pate

itemData Pointer for storing information of import result file

reserved Reserved area (fill with all 0s)

Description

This is a structure passed to scePhotoImportDialogInit() to display Photo Import Dialog. Use scePhotoImportDialogParamInit() to initialize it.

Specify the SDK version in sdkVersion. An appropriate value is input when the structure is initialized with scePhotoImportDialogParamInit().

Specify the common parameters for Common Dialogs in common Param.

Specify the info bar information in <code>commonParam.infobarParam</code>. Info bar will not be displayed if NULL is specified.

Specify background color information in ARGB format (0 - 255) in <code>commonParam.bgColor</code>. For use in the game, only 0 (transparent) or 255 (non-transparent) can be specified in <code>commonParam.bgColor.a</code>.

Specify dimmer color information in ARGB format (0 - 255) in commonParam.dimmerColor. Only (r,g,b,a) = (0,0,0,0) (transparent) or (r,g,b,a) = (0,0,0,255) (non-transparent black) can be used.

For details on the common parameters for Common Dialogs, refer to the "Common Dialog Reference" document.

Specify the calling mode in mode. One of the following values is input.

Mac	ro				Value	Description
SCE	PHOTOIMPORT_	DIALOG	MODE	DEFAULT	0	File selection

In *visibleCategory*, specify the category of the file to be imported. Specify any of the following values using an OR operation.

Macro	Value	Description
SCE_PHOTOIMPORT_DIALOG_CATEGORY_DEFAULT	0x00000007U	Default
SCE_PHOTOIMPORT_DIALOG_CATEGORY_ALBUM_A	0x00000001U	"All" category
LL		
SCE_PHOTOIMPORT_DIALOG_CATEGORY_ALBUM_C	0x00000002U	"Camera" category
AMERA		,
SCE_PHOTOIMPORT_DIALOG_CATEGORY_ALBUM_S	0x00000004U	"Screenshot" category
CREENSHOT		

In <code>itemCount</code>, specify the maximum number of files to be imported. The maximum number on the system is <code>SCE_PHOTOIMPORT_DIALOG_MAX_ITEM_NUM</code>.

In *itemData*, pass the array of the structure that indicates the information of the imported file. For details, refer to the ScePhotoImportDialogItemData section. The number of arrays corresponding to *itemCount* must be prepared.

reserved is a reserved area for future function expansion. It must be filled with all 0s.

See Also

scePhotoImportDialogParamInit(),ScePhotoImportDialogItemData

ScePhotoImportDialogItemData

Structure of file information of import result

Definition

Members

fileData Metadata information of imported file (details below)

dataSub Supplementary information of imported file (details below)

reserved Reserved area (fill with all 0s)

Description

This is the structure of the file information of the imported file. Fill it with all 0s during initialization.

Prepare an area corresponding to the maximum number of files to be imported and set it in itemData
of ScePhotoImportDialogParam.

The metadata information of the imported file is stored in fileData. For details about metadata information, refer to the ScePhotoImportDialogFileData section.

The supplementary information of the imported file is stored in <code>dataSub</code>. For details about supplementary information, refer to the <code>ScePhotoImportDialogFileDataSub</code> section.

reserved is a reserved area for future function expansion. It must be filled with all 0s.

See Also

scePhotoImportDialogInit(),ScePhotoImportDialogParam, ScePhotoImportDialogFileData,ScePhotoImportDialogFileDataSub



ScePhotoImportDialogFileData

Structure of metadata of imported file

Definition

Members

fileName Imported file name (NULL termination)

photoTitle
reserved Reserved area (fill with all 0s)

Imported file name (NULL termination)
Reserved area (fill with all 0s)

Description

This is the structure of the metadata of the imported file.

The file name of the imported file is stored in fileName. The character string is NULL terminated. The maximum size is SCE PHOTOIMPORT DIALOG MAX FS PATH (including NULL termination).

The title character string of the imported file is stored in photoTitle with UTF-8. NULL is set for the character string termination. The maximum size is

SCE PHOTOIMPORT DIALOG MAX PHOTO TITLE SIZE (including NULL termination).

reserved is a reserved area for future function expansion. It must be filled with all 0s.

See Also

```
scePhotoImportDialogInit(), ScePhotoImportDialogParam,
ScePhotoImportDialogItemData, ScePhotoImportDialogFileDataSub,
SCE_PHOTOIMPORT_DIALOG_MAX_FS_PATH,
SCE_PHOTOIMPORT_DIALOG_MAX_PHOTO_TITLE_SIZE
```

ScePhotoImportDialogFileDataSub

Structure of supplementary information of imported file

Definition

Members

width Width of image height Height of image

format Format of image (details below)

orientation Orientation information of image (details below)

reserved Reserved area (fill with all 0s)

Description

This is the structure of the supplementary information of the imported file.

The width of the image is stored in width.

The height of the image is stored in height.

One of the following values is input in format.

Macro	Value	Description
SCE_PHOTOIMPORT_DIALOG_FORMAT_TYPE_UNKNOWN	0	Unknown format
SCE_PHOTOIMPORT_DIALOG_FORMAT_TYPE_JPEG	1	JPEG
SCE_PHOTOIMPORT_DIALOG_FORMAT_TYPE_PNG	2	PNG
SCE_PHOTOIMPORT_DIALOG_FORMAT_TYPE_GIF	3	GIF
SCE_PHOTOIMPORT_DIALOG_FORMAT_TYPE_BMP	4	BMP
SCE_PHOTOIMPORT_DIALOG_FORMAT_TYPE_TIFF	5	TIFF
SCE_PHOTOIMPORT_DIALOG_FORMAT_TYPE_MPO	6	MPO

One of the following values is input in orientation.

Macro	Value	Description
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_UNKNOWN	0	No rotation
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_TOP_LEFT	1	The 0th row is at the visual
		top of the image, and the
		0th column is the visual
		left-hand side (No
		rotation)
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_TOP_RIGHT	2	The 0th row is at the visual
		top of the image, and the
		0th column is the visual
		right-hand side (Mirror
		image)

Macro	Value	Description
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_BOTTOM_RIGHT	3	The 0th row is at the visual
		bottom of the image, and
		the 0th column is the
		visual right-hand side
		(image rotated 180
		degrees)
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_BOTTOM_LEFT	4	The 0th row is at the visual
		bottom of the image, and
		the 0th column is the
		visual left-hand side
		(image flipped 180
		degrees)
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_LEFT_TOP	5	The 0th row is the visual
		left-hand side of the image,
		and the 0th column is the
		visual top (image flipped
T		right 90 degrees)
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_RIGHT_TOP	6	The 0th row is the visual
	/	right-hand side of the
		image, and the 0th column
	7	is the visual top (image
		rotated left 90 degrees)
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_RIGHT_BOTTOM	7	The 0th row is the visual
		right-hand side of the
		image, and the 0th column
		is the visual bottom (image
		flipped left 90 degrees).
SCE_PHOTOIMPORT_DIALOG_ORIENTATION_LEFT_BOTTOM	8	The 0th row is the visual
		left-hand side of the image,
		and the 0th column is the
		visual bottom (image
		rotated right 90 degrees)

reserved is a reserved area for future function expansion. It must be filled with all 0s.

See Also

scePhotoImportDialogInit(),ScePhotoImportDialogParam, ScePhotoImportDialogItemData,ScePhotoImportDialogFileData



scePhotoImportDialogGetStatus

Get operation status of Photo Import Dialog

Definition

#include <photoimport_dialog.h>
SceCommonDialogStatus scePhotoImportDialogGetStatus()

Arguments

None

Return Values

Returns one of the following operation statuses as the value of the function.

Value	Hexadecimal	Description
SCE_COMMON_DIALOG_STATUS_NONE	0x0	Photo Import Dialog is not running
SCE_COMMON_DIALOG_STATUS_RUNNING	0x1	Photo Import Dialog is running
SCE_COMMON_DIALOG_STATUS_FINISHED	0x2	Photo Import Dialog operation has
		finished

Description

This function gets the operation status of Photo Import Dialog.

The default value of the operation status is SCE COMMON DIALOG STATUS NONE.

When calling scePhotoImportDialogInit() is successful, the operation status immediately changes to SCE COMMON DIALOG STATUS RUNNING.

The operation status of Photo Import Dialog will not change to SCE_COMMON_DIALOG_STATUS_FINISHED before either the user ends (or cancels) import file selection or scePhotoImportDialogAbort() is called.

scePhotoImportDialogTerm() can be called only while the operation status is SCE_COMMON_DIALOG_STATUS_FINISHED.

When scePhotoImportDialogTerm() is called, the operation status immediately changes to SCE_COMMON_DIALOG_STATUS_NONE.

This function is multithread safe.

Examples

SceCommonDialogStatus stat = scePhotoImportDialogGetStatus();

See Also

scePhotoImportDialogInit(), scePhotoImportDialogAbort(),
scePhotoImportDialogGetResult(), scePhotoImportDialogTerm()



scePhotoImportDialogGetResult

Get call result of Photo Import Dialog

Definition

Arguments

result Stores the call result

Return Values

Returns SCE_OK(0) as the value of the function for success. Returns one of the following error codes (negative value) for errors.

Value	Hexadecimal	Description
SCE_COMMON_DIALOG_ERROR_NULL	0x80020402	NULL was specified in the
		argument result
SCE_COMMON_DIALOG_ERROR_INVALID_ARGUMENT	0x80020403	Parameter error
SCE_COMMON_DIALOG_ERROR_NOT_FINISHED	0x80020410	Called during other than the
		appropriate operation status
		(details below)
SCE_COMMON_DIALOG_ERROR_UNEXPECTED_FATAL	0x8002047F	Internal error

Description

This function retrieves the call result of Photo Import Dialog.

This function can be called only while the operation status of Photo Import Dialog is SCE_COMMON_DIALOG_STATUS_FINISHED. If it is called at times other than the above, SCE_COMMON_DIALOG_ERROR_NOT_FINISHED is returned. For details on the operation statuses, refer to the scePhotoImportDialogGetStatus() section.

The call result of Photo Import Dialog is stored in result. For details on the call results, refer to the ScePhotoImportDialogResult.

This function is multithread safe.

Examples

See Also

ScePhotoImportDialogResult, scePhotoImportDialogGetStatus()



ScePhotoImportDialogResult

Structure for retrieving Photo Import Dialog call result

Definition

Members

result
importedItemNum
reserved

Stores the call result (details below) Number of files selected by the user Reserved area (fill with all 0s)

Description

This structure receives the Photo Import Dialog call result. It is passed to scePhotoImportDialogGetResult(). Fill it with all 0s during initialization.

The call result of Photo Import Dialog is stored in result. In the case of success, one of the following positive values is stored.

Value	Hexadecimal	Description
SCE_COMMON_DIALOG_RESULT_OK	0x0	User selected files.
SCE_COMMON_DIALOG_RESULT_USER_CANCELED	0x1	User performed cancel operation.
SCE_COMMON_DIALOG_RESULT_ABORTED	0x2	Abortion through
		<pre>scePhotoImportDialogAbort()</pre>

The number of files selected by the user is stored in <code>importedItemNum</code>. The information of the selected files is stored in <code>ScePhotoImportDialogParam.itemData</code>.

reserved is a reserved area for future function expansion. It must be filled with all 0s.

See Also

scePhotoImportDialogInit(), scePhotoImportDialogAbort(),
scePhotoImportDialogGetResult(), ScePhotoImportDialogParam

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scePhotoImportDialogAbort

Abort call of Photo Import Dialog

Definition

#include <photoimport dialog.h> SceInt32 scePhotoImportDialogAbort()

Arguments

None

Return Values

Returns SCE OK(0) as the value of the function for success.

Returns one of the following error codes (negative value) for errors.

Value	Hexadecimal	Description
SCE_COMMON_DIALOG_ERROR_NOT_IN_USE	0x80020411	scePhotoImportDialogInit()
		is not called
SCE_COMMON_DIALOG_ERROR_UNEXPECTED_	0x8002047F	Internal error
FATAL	(1)	

Description

This function aborts calling of Photo Import Dialog.

It can be called at any time between when scePhotoImportDialogInit() is called and scePhotoImportDialogTerm() is called. If it is called at times other than the above, SCE COMMON DIALOG ERROR NOT IN USE is returned.

When calling is successful, Photo Import Dialog will begin to abort processing.

When processing is completely aborted, the operation status will change to SCE COMMON DIALOG STATUS FINISHED.

For details on the operation statuses, refer to the scePhotoImportDialogGetStatus() section.

When Photo Import Dialog is closed with this function, calling scePhotoImportDialogGetResult() returns the following.

ScePhotoImportDialogResult.result : SCE COMMON DIALOG RESULT ABORTED

scePhotoImportDialogAbort() is used to promptly abort the Photo Import Dialog display, for example when an urgent interrupt must be processed.

This function is multithread safe.

Examples

See Also

scePhotoImportDialogGetStatus(), scePhotoImportDialogGetResult()





scePhotoImportDialogTerm

End call of Photo Import Dialog

Definition

```
#include <photoimport_dialog.h>
SceInt32 scePhotoImportDialogTerm()
```

Arguments

None

Return Values

Returns SCE_OK(0) as the value of the function for success.

Returns one of the following error codes (negative value) for errors.

Value	Hexadecimal	Description
SCE_COMMON_DIALOG_ERROR_NOT_FINISHED	0x80020410	Called during other than the
		appropriate operation status
		(details below)
SCE_COMMON_DIALOG_ERROR_NOT_IN_USE	0x80020411	<pre>scePhotoImportDialogInit()</pre>
		is not called
SCE_COMMON_DIALOG_ERROR_UNEXPECTED_FATAL	0x8002047F	Internal error

Description

This function ends calling of Photo Import Dialog. Calling must be ended with this function after Photo Import Dialog has been called with scePhotoImportDialogInit().

This function can be called only while the operation status of Photo Import Dialog is SCE_COMMON_DIALOG_STATUS FINISHED. If it is called during times other than the above, SCE_COMMON_DIALOG_ERROR_NOT_FINISHED is returned.

SCE_COMMON_DIALOG_ERROR_NOT_IN_USE will be returned if the Photo Import Dialog function is not called.

If calling this function is successful, the operation status changes immediately to SCE_COMMON_DIALOG_STATUS_NONE. For details on the operation statuses, refer to the scePhotoImportDialogGetStatus() section.

This function is multithread safe.

Examples

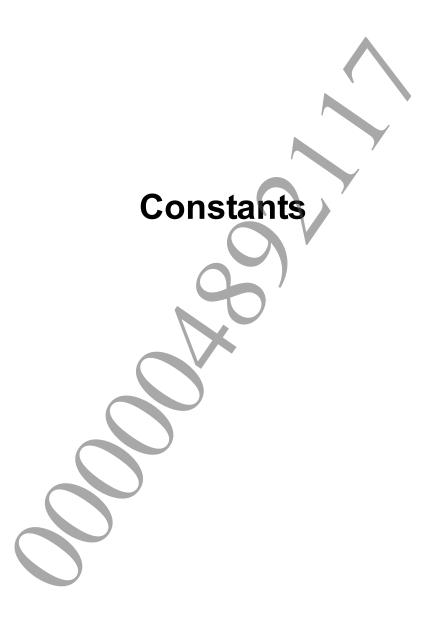
```
SceCommonDialogStatus stat;
while(1) {
        stat = scePhotoImportDialogGetStatus();
        if( stat == SCE_COMMON_DIALOG_STATUS_FINISHED ) {
            scePhotoImportDialogTerm();
            break;
        }
}
```

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See Also

scePhotoImportDialogInit(), scePhotoImportDialogGetStatus()





Character string size

Maximum size of character strings of Photo Import Dialog

Definition

Macro	Value	Description
SCE_PHOTOIMPORT_DIALOG_MAX_FS_PATH	1024	Size of character string of file
		name of imported file
		(including device name)
SCE_PHOTOIMPORT_DIALOG_MAX_PHOTO_TITLE_LENGTH	64	Maximum number of characters
		of title of imported file
		(not data size)
SCE_PHOTOIMPORT_DIALOG_MAX_PHOTO_TITLE_SIZE	256	Size of character string of title of
		imported file

Description

The file name and title name of imported files can be obtained in Photo Import Dialog. The maximum size of the character string that can be specified is fixed for each item, so specify the character string within the above values. The values above are all the size including NULL termination.

Specify all the character strings with UTF-8.



Maximum Number of Selections

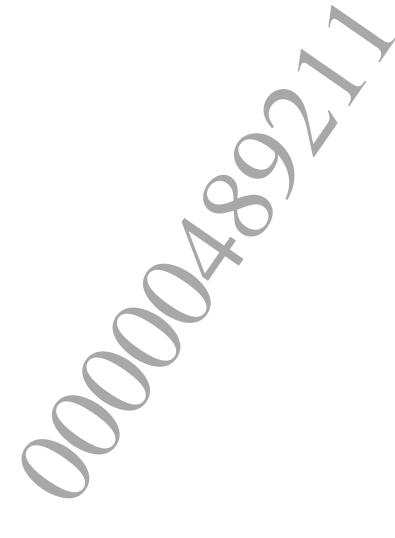
Maximum number of items that can be selected for import

Definition

Macro	Value	Description
SCE_PHOTOIMPORT_DIALOG_MAX_ITEM_NUM	1	Maximum number of items that can be
		specified in
		ScePhotoImportDialogParam.itemCount

Description

This is the maximum number of items that can be selected in Photo Import Dialog.



Return Codes

List of return codes returned by Photo Import Dialog

Definition

Value	Hexadecimal	Description
SCE_COMMON_DIALOG_ERROR_BUSY	0x80020401	Calling another common dialog function
SCE_COMMON_DIALOG_ERROR_NULL	0x80020402	NULL was specified as the function's
		argument
SCE_COMMON_DIALOG_ERROR_INVA	0x80020403	Parameter error
LID_ARGUMENT		
SCE_COMMON_DIALOG_ERROR_NOT_	0x80020404	Called during a period other than
RUNNING		SCE_COMMON_DIALOG_STATUS_RUNNIN
		G
SCE_COMMON_DIALOG_ERROR_NOT_	0x80020410	Called during a period other than
FINISHED		SCE_COMMON_DIALOG_STATUS_FINISH
		ED
SCE_COMMON_DIALOG_ERROR_NOT_	0x80020411	scePhotoImportDialogInit() is not
IN_USE		called
SCE_COMMON_DIALOG_ERROR_UNEX	0x8002047F	Internal error
PECTED FATAL		7

