

Photo Import Dialog Overview

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1 Library Overview

Scope of This Document

This document explains the Photo Import Dialog library, which supports the import of photo data by applications. The following functions are realized by the Photo Import Dialog library.

- Function to display photo list
- Function to select 1 file

Purpose and Features

The Photo Import Dialog library is a library to support the realization of photo data import by applications. Applications can easily implement the processing to display a photo list and select photo data through the use of the Photo Import Dialog library.

The Photo Import Dialog library is one of the functions in the Common Dialog library. It conceals GUI display and user operations handling. The usage flow is as follows: first, call specifying selection mode and selection target category; then, monitor shut-down of the dialog by polling; finally, retrieve call results.

Main Functions

The main functions offered by Photo Import Dialog are as follows:

- Function to display photo list
- Function to select 1 file

Embedding into a Program

Include photoimport_dialog.h in the source program. Various header files will be automatically included as well.

The PRX module need not be loaded.

Upon building the program, link libSceCommonDialog_stub.a.

Sample Programs

The following program is provided as a Photo Import Dialog sample program for reference purposes.

sample_code/system/api_photoimport_dialog/fixd_basic/

This sample uses the functions of Photo Import Dialog to execute photo file selection.

Reference Materials

For the common limitations, specifications, etc., of the Common Dialog library, refer to the following document.

- Common Dialog Overview

2 Usage Procedure

Basic Usage Procedure

The basic procedure to call the Photo Import Dialog library is described below. The processing flow is outlined below.

- (1) Set the parameters to the variables of the `ScePhotoImportDialogParam` type.
- (2) Call a function.
- (3) Wait for the response from the dialog.
- (4) Retrieve the call results.
- (5) End processing.

Figure 1 Basic Processing Procedure

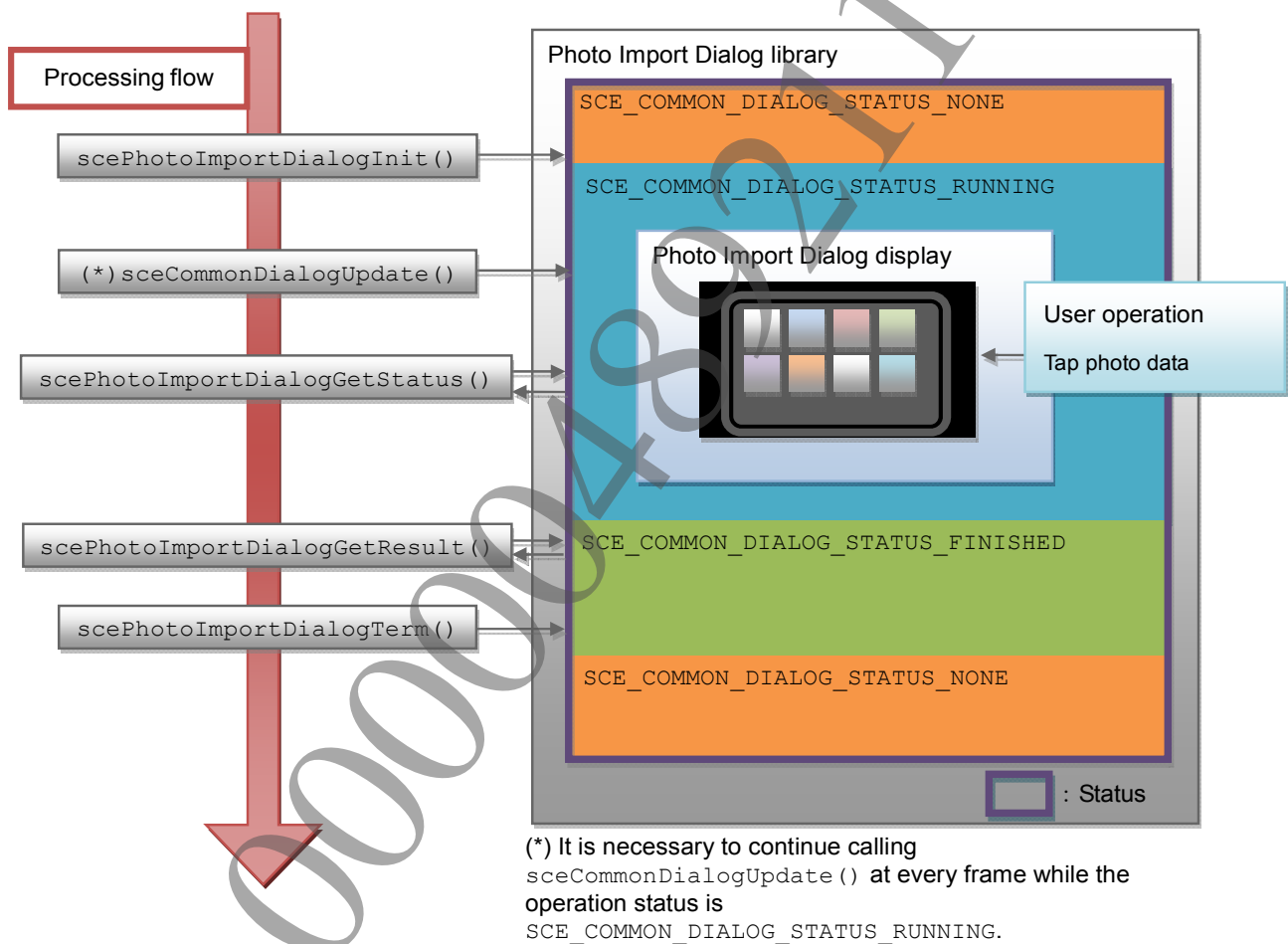


Photo Import Dialog Call Procedure

First, prepare the `ScePhotoImportDialogParam` type variable and following initialization with `scePhotoImportDialogParamInit()`, be sure to set the operation mode (*mode*) and the parameters that are required accordingly.

(1) Calling the function

Call a Photo Import Dialog function with `scePhotoImportDialogInit()`. Specify the `ScePhotoImportDialogParam` type variable set beforehand as the argument.

(2) Waiting for the response from the dialog

Call `scePhotoImportDialogGetStatus()` to poll the operation status of Photo Import Dialog at each frame.

Note

`sceCommonDialogUpdate()` must be called at every frame while the operation status is `SCE_COMMON_DIALOG_STATUS_RUNNING`. For details, refer to the "Common Dialog Overview" document.

(3) Retrieving the call results

When the operation status changes to `SCE_COMMON_DIALOG_STATUS_FINISHED`, the results can be retrieved with `scePhotoImportDialogGetResult()`. The results that can be retrieved include the selection result at the time of the call (whether the user made a selection, whether it was canceled), and the number of selected files. The information of the selected file(s) is set in *itemData* of `ScePhotoImportDialogParam`.

(4) Terminating the processing

When the operation status becomes `SCE_COMMON_DIALOG_STATUS_FINISHED`, call `scePhotoImportDialogTerm()` to terminate the processing. As a result, the resources acquired during calling are released, and the operation status becomes `SCE_COMMON_DIALOG_STATUS_NONE`.

Aborting the Processing

When quitting an application, etc., to abort the display of Photo Import Dialog from the application side on an emergency basis, call `scePhotoImportDialogAbort()`. Display will quickly terminate, and operation status will change to `SCE_COMMON_DIALOG_STATUS_FINISHED`. In this case, too, the call result will be retrieved with `scePhotoImportDialogGetResult()`. `SCE_COMMON_DIALOG_RESULT_ABORTED` is returned as retrieved result.

Main APIs Used for Basic Processing

API	Description
<code>ScePhotoImportDialogParam</code>	Parameter structure such as mode setting
<code>scePhotoImportDialogParamInit()</code>	Initializes parameter structure
<code>scePhotoImportDialogInit()</code>	Calls function
<code>scePhotoImportDialogGetStatus()</code>	Retrieves operation status
<code>scePhotoImportDialogGetResult()</code>	Retrieves call results
<code>scePhotoImportDialogTerm()</code>	Ends calling of function
<code>scePhotoImportDialogAbort()</code>	Aborts calling of function

3 Reference Information

Selection Categories

There are three selection categories, All, Camera, and Screenshot. These categories are set using an OR operation in *visibleCategory* of *ScePhotoImportDialogParam*.

SCE_PHOTOIMPORT_DIALOG_CATEGORY_DEFAULT sets all three of the above categories as the selection categories.

Access to Acquired File Path

To access the acquired file path, it is necessary to call *sceAppUtilPhotoMount()* and mount the *photo0:* device. When access to *photo0:* is no longer needed, call *sceAppUtilPhotoUmount()* to unmount.

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4 Precautions

Limitations

Common Dialog limitations apply.

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