

ComponentError



Syntax

ComponentError (svMedia, svComponent, svFileGroup, svFile, nvError);

Description

The ComponentError function obtains additional error information when a Component function returns a value less than zero. The following code fragment shows a typical implementation of ComponentError:

```
nResult = ComponentMoveData(szMedia, nvDisk, nReserved );
if(nResult < 0) then
    ComponentError(svMedia, svComponent, svFileGroup, svFile, nvError);
    sprintfBox(INFORMATION, "ComponentMoveData Error Information",
        "ComponentMoveData had the following error:\n\n" +
        "Media Name: %s\nComponent: %s\nFile Group: %s\n" +
        "File: %s\nError Number: %ld (refer to the online help)",
        svMedia, svComponent, svFileGroup, svFile, nvError);
endif;
```

The ComponentError function should be called only after another Component function returns a value less than zero. The ComponentError function may return invalid error codes if called when another Component function has not returned a value less than zero.



ComponentError does not work with the following functions:

- [ComponentSetupTypeEnum](#)
- [ComponentSetupTypeSet](#)

Parameters

svMedia

When relevant to the error indicated in nvError, the name of the media involved is returned in svMedia.

svComponent

When relevant to the error indicated in nvError, the name of the component involved is returned in svComponent.

svFileGroup

When relevant to the error indicated in nvError, the name of the file group involved is returned in svFileGroup.

svFile

When relevant to the error indicated in nvError, the name of the file involved is returned in svFile.

nvError

When ComponentError is called after a component-related function returns a value less than zero, ComponentError always returns the error code in nvError.

Error Codes

ComponentError handles component function error codes ranging from -100 to -499. The error code descriptions below indicate which parameters contain error information.

Error Code	Parameters Containing Data	Descriptions
-101	svMedia, svComponent, nvError	ComponentAddItem was unable to add a component to the script-created component set.
-102	svMedia, svComponent, nvError	Specified component already exists.

-103	svMedia, svComponent, nvError	ComponentSelectItem tried to select a component that was grayed out.
-104	svMedia, svComponent, nvError	Specified component name is not valid.
-105	svMedia, svComponent, nvError	Specified component cannot be found in the media.
-106	svMedia, svComponent, svFileGroup, svFile, nvError	Unable to decompress a file.
-107	svMedia, nvError	Disk ID specified in call to ComponentMoveData is not valid.
-108	svMedia, svFile, nvError	Target disk does not have enough space. svFile will contain target path.
-109	svMedia, svFile, nvError	EnterDisk function call failed. svFile will contain tag file name (name of next library).
-112	svMedia, svComponent, svFileGroup, svFile, nvError	Specified file cannot be found. If svComponent and svFileGroup are empty, svFile contains the name of the file media library that cannot be found. If svComponent and svFileGroup are not empty, then svFile contains the name of the file (inside the file media library) that cannot be found.
-113	svMedia, svComponent, svFileGroup, svFile, nvError	Specified file cannot be opened as read-only. If svComponent and svFileGroup are empty, svFile contains the name of the file that cannot be opened as read-only. If svComponent and svFileGroup are not empty, then svFile contains the name of the file (inside the file media library) that cannot be opened as read-only.
-114	svMedia, svComponent, svFileGroup, svFile, nvError	Specified file cannot be opened as read/write. If svComponent and svFileGroup are empty, svFile contains the name of the file that cannot be opened as read/write. If svComponent and svFileGroup are not empty, then svFile contains the name of the file (inside the file media library) that cannot be opened as read/write.
-115	svMedia, svComponent, svFileGroup, svFile, nvError	Specified file cannot be opened as write. If svComponent and svFileGroup are empty, svFile contains the name of the file that cannot be opened as write. If svComponent and svFileGroup are not empty, then svFile contains the name of the file (inside the file media library) that cannot be opened as write.

-116	svMedia, svComponent, nvError	File specification made in ComponentFileInfo is not valid.
-117	svMedia, svComponent, svFileGroup, svFile, nvError	Cannot read the specified file. If svComponent and svFileGroup are empty, svFile contains the name of the file that cannot be read. If svComponent and svFileGroup are not empty, then svFile contains the name of the file (inside the file media library) that cannot be read.
-118	svMedia, nvError	Attempted operation not allowed with script media.
-119	svMedia, svComponent, svFileGroup, svFile, nvError	Unable to self-register a file in ComponentMoveData. Make sure that the self-registering file self-registers properly.
-120	svMedia, svComponent, svFileGroup, svFile, nvError	Unable to update a shared file in ComponentMoveData.
-121	svMedia, svComponent, svFileGroup, svFile, nvError	Unable to write to a file. If svComponent and svFileGroup are empty, svFile contains the name of the file that cannot be written to. If svComponent and svFileGroup are not empty, then svFile contains the name of the file (inside the file media library) that cannot be written to.
-123	svMedia, svComponent, svFileGroup, nvError	Unable to find a file group.
-125	svMedia, svComponent, nvError	The list specified in call to ComponentFileEnum is not valid.
-126	svMedia, nvError	Attempted operation not allowed with file media library.
-127	svMedia, svFile, nvError	Media is already initialized. svFile contains the file media library name.
-128	svMedia, svFile, nvError	Specified file media library was not generated by the InstallShield Media Build Wizard.
-129	nvError	Specified media name was a null string ("").
-132	svMedia, nvError	Specified media cannot be found.
-133	svMedia, nvError	An error occurred with the specified media. Must reset the media by calling ComponentMoveData with first parameter set to a null string ("") and remaining parameters set to values used in previous call to ComponentMoveData.
-136	svMedia, svFile, nvError	Unable to allocate memory. svFile contains the string for which memory was to be allocated, if applicable.
-137	svMedia, nvError	Specified option is not valid.

-139	svMedia, svComponent, svFile, nvError	Specified password does not match the password stored in the specified file media library or the component. svFile will contain the specified password.
-140	svMedia, svComponent, svFile, nvError	Tried to get password using ComponentGetData , which is not allowed!
-141	svMedia, svComponent, svFile, nvError	Specified password cannot be found. The specified media or component does not have a password.
-142	svMedia, svComponent, nvError	The media or the component password was not validated. Make sure you validate the media or component password using ComponentValidate .
-145	svMedia, svComponent, svFileGroup, nvError	Target path for the component or file group cannot be found.
-147	nvError	Invalid value passed to a component-related function.



Error codes less than or equal to -500 (-501, -502, and so on) are internal error codes. nvError contains the error code, but all other ComponentError parameters empty. Contact Technical Support when one of these error codes is returned.

Return values

0

ComponentError was successful.

< 0

ComponentError failed.

Example

See also