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Filter by title

- > IExecuteCommandHost interface
- > IExplorerBrowser interface
- > IExplorerBrowserEvents interface
- > IExplorerCommand interface
- > IExplorerCommandProvider interface
- > IExplorerCommandState interface
- > IExplorerPaneVisibility interface
- > IExtractImage interface
- > IExtractImage2 interface
- > IFileDialog interface
- > IFileDialogCustomize interface
- > IFileDialogEvents interface
- > IFileIsInUse interface
- > IFileOpenDialog interface
- > IFileOperation interface
- > IFileOperationProgressSink interface
- > IFileSaveDialog interface
- > IFileSyncMergeHandler interface
- > IFileSystemBindData interface
- > IFileSystemBindData2 interface
- > IFolderFilter interface
- > IFolderFilterSite interface
- > IFolderView interface
- > IFolderView2 interface
- > IFolderViewSettings interface
- > IFrameworkInputPane interface
- > IFrameworkInputPaneHandler interface
- > IHandlerActivationHost interface
- > IHandlerInfo interface
- > IHomeGroup interface
- > IIdentityName interface
- > IInitializeCommand interface
- > IInitializeWithBindCtx interface
- > IInitializeWithItem interface
- > IInitializeWithResourceStore interface

... / [Win32](#) / [API](#) / [The Windows Shell](#) / [Shobjidl_core.h](#) /



IExecuteCommand interface (shobjidl_core.h)

Article • 02/22/2024

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In this article

- [Inheritance](#)
- [Methods](#)
- [Remarks](#)
- [Requirements](#)

Exposes methods that set a given state or parameter related to the command verb, as well as a method to invoke that verb.

Inheritance

The **IExecuteCommand** interface inherits from the [IUnknown](#) interface. **IExecuteCommand** also has these types of members:

Methods

The **IExecuteCommand** interface has these methods.

[Expand table](#)

| |
|--|
| |
| IExecuteCommand::Execute |
| Invoke the verb on the selected items. Call this method after you have called the other methods of this interface. |
| IExecuteCommand::SetDirectory |
| Sets a new working directory. |
| IExecuteCommand::SetKeyState |
| Sets a value based on the current state of the keys CTRL and SHIFT. |

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| |
|---|
| IExecuteCommand::SetNoShowUI |
| Indicates whether any UI associated with the selected Shell item should be displayed. |
| IExecuteCommand::SetParameters |
| Provides parameter values for the verb. |
| IExecuteCommand::SetPosition |
| Sets the coordinates of a point used for display. |
| IExecuteCommand::SetShowWindow |
| Sets the specified window's visual state. |

Remarks

When to Implement

Implement this interface when you choose it as your method to invoke the verb to perform an action on selected items. The items are passed as a Shell item array through [IObjectWithSelection::SetSelection](#), so the object must also implement [IObjectWithSelection](#).

When to Use

Do not call the methods of **IExecuteCommand** directly. Windows Explorer calls your **IExecuteCommand** methods when the user wants to perform an action on the items.

Note that, apart from [Execute](#), the methods of this interface pass system information to the handler. The system itself calls these methods, setting the parameters appropriately based on system settings and conditions.

Requirements

 Expand table

| Requirement | Value |
|--------------------------|--|
| Minimum supported client | Windows 7 [desktop apps only] |
| Minimum supported server | Windows Server 2008 R2 [desktop apps only] |
| Target Platform | Windows |
| Header | shobjidl_core.h (include Shobjidl.h) |

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