

Operation	What It Does
wfprintf	Writes wave data as formatted text to an open file.
FGetPos	Gets the position at which the next file read or write will be done.
FSetPos	Sets the position at which the next file read or write will be done.
FStatus	Given a file reference number, returns miscellaneous information about the file.
FBinRead	Reads binary data from a file into an Igor string, variable or wave. This is used mostly to read nonstandard file formats.
FBinWrite	Writes binary data from an Igor string, variable or wave. This is used mostly to write nonstandard file formats.
FReadLine	Reads a line of text from a text file into an Igor string variable. This can be used to parse an arbitrary format text file.
Close	Closes a file opened by the Open operation.

Before working with a file, you must use the Open operation to obtain a file reference number that you use with all the remaining commands. The Open operation creates new files, appends data to an existing file, or reads data from an existing file. There is no facility to deal with the resource fork of a Macintosh file.

Sometimes you may write a procedure that uses the Open operation and the Close operation but, because of an error, the Close operation never gets to execute. You then correct the procedure and want to rerun it. The file will still be open because the Close operation never got a chance to run. In this case, execute:

`Close/A`

from the command line to close all open files.

Finding Files

Two functions are provided to help you to determine what files exist in a particular folder:

- **TextFile**
- **IndexedFile**

IndexedFile is a more general version of TextFile.

You can also use the Open operation with the /D flag to present an open dialog.

Other File- and Folder-Related Operations and Functions

Igor Pro also supports a number of operations and functions for file or folder manipulation:

CopyFile	CopyFolder
DeleteFile	DeleteFolder
GetFileInfo	SetFileInfo
MoveFile	MoveFolder
CreateAliasShortcut	
NewPath	PathInfo
ParseFilePath	

Warning: Use caution when writing code that deletes or moves files or folders. These actions are not undoable.

Because the DeleteFolder, CopyFolder and MoveFolder operations have the potential to do a lot of damage if used incorrectly, they require user permission before overwriting or deleting a folder. The user controls the permission process using the Miscellaneous Settings dialog (Misc menu).