Parameters

varName	The name of an environment variable which does not need to actually exist. It must not be an empty string and may not contain an equals sign (=).
varValue	The new contents for the variable.
	On Windows, if *varValue* is an empty string, the variable is removed. On other platforms, the variable is always set to *varValue*.

Details

The environment of Igor's process is composed of a set of key=value pairs that are known as environment variables. Any child process created by calling ExecuteScriptText inherits the environment variables of Igor's process.

SetEnvironmentVariable changes the environment variables present in Igor's process and any future process created by ExecuteScriptText but does not affect any other processes already created.

On Windows, environment variable names are case-insensitive. On other platforms, they are case-sensitive.

Examples
```
Variable result
result = SetEnvironmentVariable("SOME_VARIABLE", "15")
result = SetEnvironmentVariable("SOME_OTHER_VARIABLE", "string value")
```

See Also

GetEnvironmentVariable, **UnsetEnvironmentVariable**

SetFileFolderInfo

SetFileFolderInfo [*flags*][*fileOrFolderNameStr*]

The SetFileFolderInfo operation changes the properties of a file or folder.

Parameters

fileOrFolderNameStr specifies the file or folder to be changed.

If you use a full or partial path for *fileOrFolderNameStr*, see **Path Separators** on page III-451 for details on forming the path.

Folder paths should not end with single Path Separators. See the **MoveFolder Details** section.

If Igor can not determine the location of the file or folder from *fileOrFolderNameStr* and /P=*pathName*, it displays a dialog allowing you to specify the file to be deleted. Use /D to select a folder in this event, otherwise Igor prompts your for a file.

Flags

At least one of the seven following flags is required, or nothing is actually accomplished:

/CDAT=*cdate*	Specifies the number of seconds since midnight January 1, 1904 when the file or folder was first created. *cDate* is interpreted as local time or UTC depending on the /UTC flag.
/INV[=*inv*]	Sets the visibility of a file.

	inv=0:	File is visible.
	inv=1:	Default; file is invisible (*Macintosh*) or Hidden (*Windows*).

/MDAT=*mDate*	Specifies the number of seconds since midnight January 1, 1904 when the file or folder was modified most recently. *mDate* is interpreted as local time or UTC depending on the /UTC flag.
/RO[=*ro*]	Sets the read/write state of a file or folder.

	ro=0:	File or folder is writable.
	ro=1:	File or folder is locked (default).

On Macintosh, locking the file or folder is equivalent to setting the locked property manually using the Get Info window in the Finder.

On Windows, locking the file or folder is equivalent to setting the read-only property manually using the Properties window in Windows Explorer.

If *fileOrFolderNameStr* refers to a file (not a folder), SetFileFolderInfo updates the file properties to reflect values given with the following keywords:

/CRE8=*creatorStr*	Sets the four-character creator code string, such as 'IGR0' (Igor Pro creator code).
	Ignored on Windows, where files have no "creator code"; instead file extensions are "registered" or "owned" by one, and only one, application. You cannot change that ownership from Igor Pro.
/FTYP=*fTypeStr*	Sets the four-character file type code, such as 'TEXT' or 'IGsU' (packed experiment).
	Ignored on Windows. Use **MoveFile** to change the file extension.
/STA[=*st*]	Specifies whether the file is a stationery file or not.

st=1:   Stationery file (default).
st=0:   Normal file.

Ignored on Windows. Use **MoveFile** to change the file extension.

Optional Flags

/D	Uses the Select Folder dialog rather than Open File dialog when *pathName* and *fileOrFolderNameStr* do not specify an existing file or folder.
/P=*pathName*	Specifies the folder to look in for the file. *pathName* is the name of an existing symbolic path.
/R[=*r*]	Recursively applies change(s) to all files or folders in the folder specified by /P=*pathName* or *fileOrFolderNameStr*, and the folder itself:

r=0:   No recursion. Same as no /R.
r=1:   Recursively apply changes to files.
r=2:   Recursively apply changes to folders, including the folder specified by *pathName* or *fileOrFolderNameStr*.
r=3:   Recursively apply changes to both files and folders (default).

/R requires /D and a folder specification.

/UTC[=*u*]	If you include /UTC or /UTC=1, SetFileFolderInfo interprets the creation and modification dates as UTC (coordinated universal time). If you omit /UTC or specify /UTC=0, SetFileFolderInfo interprets the creation and modification dates as local time.
	The default, used if you omit /UTC, is local time.
	The /UTC flag was added in Igor Pro 9.00.
/Z[=*z*]	Prevents procedure execution from aborting if SetFileFolderInfo tries to set information about a file or folder that does not exist. Use /Z if you want to handle this case in your procedures rather than having execution abort.

/Z=0:   Same as no /Z at all.
/Z=1:   Used for setting information for a file or folder only if it exists. /Z alone has the same effect as /Z=1.
/Z=2:   Used for setting information for a file or folder if it exists and displaying a dialog if it does not exist.

Variables