

to change all of your commands. Instead, you need only to change the symbolic path so that it points to the changed folder location.

NewPath sets the variable V_flag to zero if the operation succeeded or to nonzero if it failed. The main use for this is to determine if the user clicked Cancel when you use NewPath to display a choose-folder dialog.

On the Macintosh, pressing Command-Option as the Choose Folder dialog comes up will allow you to choose package folders and folders inside packages.

Examples

```
NewPath Path1, "hd:IgorStuff:Test 1" // Macintosh
NewPath Path1, "C:IgorStuff:Test 1" // Windows
```

creates the symbolic path named Path1 which refers to the specified folder (the path's "value"). You can then refer to this folder in many Igor operations and dialogs by using the symbolic path name Path1.

Windows Note:

You can use either the colon or the backslash character to separate folders. However, the backslash character is Igor's escape character in strings. This means that you have to double each backslash to get one backslash like so:

```
NewPath stuff, "C:\\IgorStuff\\\\Test 1"
```

Because of this complication, it is recommended that you use Macintosh path syntax even on Windows. See **Path Separators** on page III-451 for details.

See Also

The **PathInfo** operation; especially if you need to preset a starting path for the dialog.

KillPath

NewWaterfall

NewWaterfall [flags] matrixWave [vs {xWave,yWave}]

The NewWaterfall operation creates a new waterfall plot window or subwindow using each column in the 2D matrix wave as a waterfall trace.

You can manually set x and z scaling by specifying *xWave* and *yWave* to override the default scalings. Either *xWave* or *yWave* may be omitted by using a "*".

Flags

/FG=(*gLeft, gTop, gRight, gBottom*)

Specifies the frame guide to which the outer frame of the subwindow is attached inside the host window.

The standard frame guide names are FL, FR, FT, and FB, for the left, right, top, and bottom frame guides, respectively, or user-defined guide names as defined by the host. Use * to specify a default guide name.

Guides may override the numeric positioning set by /W.

/HIDE=*h* Hides (*h* = 1) or shows (*h* = 0, default) the window.

/HOST=*hcSpec* Embeds the new waterfall plot in the host window or subwindow specified by *hcSpec*.

When identifying a subwindow with *hcSpec*, see **Subwindow Syntax** on page III-92 for details on forming the window hierarchy.

/I Sets window coordinates to inches.