FTPDelete

FTPDelete [*flags*] *urlStr*

The FTPDelete operation deletes a file or a directory from an FTP server on the Internet.

Warning: If you delete a directory on an FTP server, all contents of that directory and any subdirectories are also deleted.

For background information on Igor's FTP capabilities and other important details, see **File Transfer Protocol (FTP)** on page IV-272.

FTPDelete sets V_flag to zero if the operation succeeds and to nonzero if it fails. This, in conjunction with the /Z flag, can be used to allow procedures to continue to execute if an FTP error occurs.

Parameters

urlStr specifies the file or directory to delete. It consists of a naming scheme (always "ftp://"), a computer name (e.g., "ftp.wavemetrics.com" or "38.170.234.2"), and a path (e.g., "/test/TestFile1.txt"). For example: "ftp://ftp.wavemetrics.com/test/TestFile1.txt"

urlStr must always end with a file name if you are deleting a file or with a directory name if you are deleting a directory. In the case of a directory, *urlStr* must not end with a slash.

To indicate that *urlStr* contains an absolute path, insert an extra '/' character between the computer name and the path. For example:

```
ftp://ftp.wavemetrics.com//pub/test
```

If you do not specify that the path in *urlStr* is absolute, it is interpreted as relative to the FTP user's base directory. Since pub is the base directory for an anonymous user at wavemetrics.com, these URLs reference the same directory for an anonymous user:

```
ftp://ftp.wavemetrics.com//pub/test
ftp://ftp.wavemetrics.com/test
```

Special characters such as punctuation that are used in *urlStr* may be incorrectly interpreted by the operation. If you get unexpected results and *urlStr* contains such characters, you can try percent-encoding the special characters. See **Percent Encoding** on page IV-268 for additional information

Flags

/D	Deletes a complete directory and all its contents. Omit /D if you are deleting a file.
/N=*portNumber*	Specifies the server's TCP/IP port number to use (default is 21). In almost all cases, the default will be correct so you won't need to use the /N flag.
/U=*userNameStr*	Specifies the user name to be used when logging in to the FTP server. If /U is omitted or if userNameStr is "", the login is done as an anonymous user. Use /U if you have an account on the FTP server.
/V=*diagnosticMode*	Determines what kind of diagnostic messages FTPDelete will display in the history area. *diagnosticMode* is a bitwise parameter, with the bits defined as follows:

Bit 0: Show basic diagnostics. Currently this just displays the URL in the history.

Bit 1: Show errors. This displays additional information when errors occur.

Bit 2: Show status. This displays commands sent to the server and the server's response.

The default value for *diagnosticMode* is 3 (show basic and error diagnostics). If you are having difficulties, you can try using 7 to show the commands sent to the server and the server's response.

See **FTP Troubleshooting** on page IV-275 for other troubleshooting tips.