

Chapter IV-10 — Advanced Topics

If the local path that you specify ends with a colon or backslash, FTPDownload presents a dialog asking you to specify the local directory because it is looking for the name of the directory to be created on the local hard disk.

FTPDownload presents a dialog asking you to specify the local directory in the following cases:

1. You use the /I (interactive) flag.
2. The parent directory specified by the local path does not exist.
3. The specified directory (DemoFTPDownloadFolder in the example above) exists and you have not used the /O (overwrite) flag.
4. FTPDownload gets an error when it tries to create the specified directory. This could happen, for example, if you don't have write privileges for the parent directory.

Uploading a File

The following function uploads a file to an FTP server:

```
Function DemoFTPUUploadFile()  
    String url = "ftp://ftp.wavemetrics.com/pub"  
    String localFolder = SpecialDirPath("Desktop", 0, 0, 0)  
    String localPath = localFolder + "DemoFTPUUploadFile.txt"  
    FTPUpload/U="username"/W="password" url, localPath  
End
```

To successfully execute this, you need a real user name and a real password.

Note: The /O flag has no effect on the FTPUpload operation when uploading a file. FTPUpload *always* overwrites an existing server file, whether /O is used or not.

Warning: If you overwrite a server file, all previous contents of the file are obliterated.

To overwrite an existing file on the server, you must have permission to delete files on that server. The server administrator determines what permission a particular user has.

FTPUpload presents a dialog asking you to specify the local file in the following cases:

1. You use the /I (interactive) flag.
2. The local parent directory or the local file does not exist.

Uploading a Directory

The following function uploads a directory to an FTP server:

```
Function DemoFTPUUploadDirectory()  
    String url = "ftp://ftp.wavemetrics.com/pub"  
    String localFolder = SpecialDirPath("Desktop", 0, 0, 0)  
    String localPath = localFolder + "DemoFTPUUploadDirectory"  
    FTPUpload/D/U="username"/W="password" url, localPath  
End
```

To successfully execute this, you need a real user name and a real password. Also, the server would have to allow uploading directories.

Note: FTPUpload *always* overwrites an existing server directory, whether /O is used or not.

Warning: If you omit /O or specify /O or /O=1, all previous contents of the directory are obliterated.

If you specify /O=2, FTPUpload performs a merge of the directory contents. This means that files and directories in the source overwrite files and directories on the server that have the same name, but files and directories on the server whose names do not conflict with those in the source directory are not modified.

To overwrite an existing directory on the server, you must have permission to delete directories on that server. The server administrator determines what permission a particular user has.