

**trilium**  
<http://www.triliumsoftware.com>



**.NET CF FTP CONTROL**

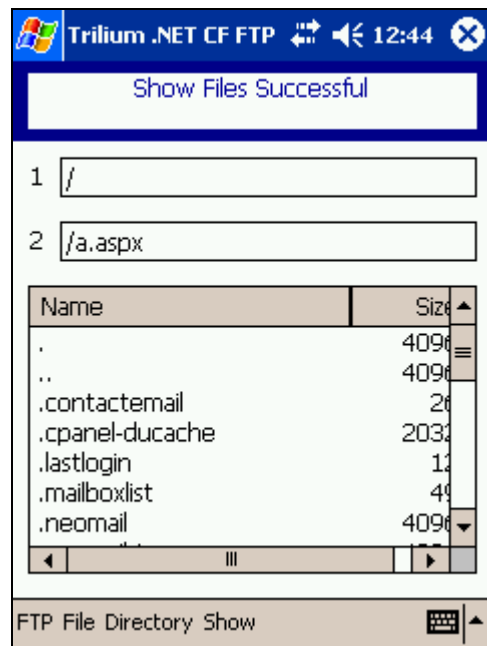
## Features

---

### .NET CF FTP Control

The .NET CF Control allows VB .NET developers to include FTP functionality to their projects.

- Connect / Disconnect to an FTP Server
- Upload / Download files
- Delete files
- Rename files
- Retrieve current directory
- Change directory
- Create directories
- Delete directories
- Rename directories
- List files and folders
- Get Error Response codes



## Installation

---

The FTP control must be copied into the \Windows directory of the Pocket PC device.

Note: If connecting through ActiveSync install v3.7.1 to function correctly.

Free Download: <http://www.microsoft.com/windowsmobile/downloads/activesync37.msp>

## Functions

---

### ConnectServer

Opens an FTP connection with a remote server

```
Public Declare Function ConnectServer Lib "TriliumNETFTP.dll" (ByVal  
strServer As String, ByVal strUserName As String, ByVal strPassword As  
String, ByVal bPassive As Boolean, ByVal iPort As Integer) As Boolean
```

```
strServer    =    FTP Server's address "ftp.triliumsoftware.com"  
strUserName  =    FTP UserName      "user1"  
strPassword  =    FTP Password      "password1"  
bPassive    =    true = Passive Connection | false = Non Passive Connection  
iPort       =    FTP Server Port    21
```

### DisconnectServer

Closes an opened FTP connection

```
Public Declare Function DisconnectServer Lib "TriliumNETFTP.dll" () As  
Boolean
```

### ChangeDirectory

Changes directory

```
Public Declare Function ChangeDirectory Lib "TriliumNETFTP.dll" (ByVal  
strDirectory As String) As Boolean
```

```
strDirectory =    Directory    "/Directory1"
```

### CreateNewDirectory

Creates a new directory

```
Public Declare Function CreateNewDirectory Lib "TriliumNETFTP.dll"  
(ByVal strDirectory As String) As Boolean
```

```
strDirectory =    Directory    "/NewDirectory"
```

### ShowCurrentDirectory

Retrieves current working directory

```
Public Declare Function ShowCurrentDirectory Lib "TriliumNETFTP.dll"  
(ByVal strDirectory As String) As Boolean
```

```
strDirectory =    ""
```

## DeleteDirectory

Deletes directory  
If the directory is not empty it will return error

```
Public Declare Function DeleteDirectory Lib "TriliumNETFTP.dll" (ByVal  
strDirectory As String) As Boolean
```

```
strDirectory = Directory "/DirectoryToDelete"
```

## RenameDirectory

Renames directory

```
Public Declare Function RenameDirectory Lib "TriliumNETFTP.dll" (ByVal  
strDirectory As String, ByVal strDirectory2 As String) As Boolean
```

```
strDirectory = Directory "/Directory"  
strDirectory2 = Directory "/NewDirectoryName"
```

## RenameFile

Renames file

```
Public Declare Function RenameFile Lib "TriliumNETFTP.dll" (ByVal  
strFile As String, ByVal strFile2 As String) As Boolean
```

```
strFile = File "/File"  
strFile2 = File "/NewFileName"
```

## DeleteRemoteFile

Deletes file

```
Public Declare Function DeleteRemoteFile Lib "TriliumNETFTP.dll" (ByVal  
strFile As String) As Boolean
```

```
strFile = File "/File"
```

## UploadFile

Uploads File

```
Public Declare Function UploadFile Lib "TriliumNETFTP.dll" (ByVal  
strFile As String, ByVal strFile2 As String, ByVal bBinary As Boolean)  
As Boolean
```

```
strFile = File "/File" Server File Name  
strFile2 = File "/File" Pocket PC File Name
```

## Download File

Download File

```
Public Declare Function DownloadFile Lib "TriliumNETFTP.dll" (ByVal  
strFile As String, ByVal strFile2 As String, ByVal bBinary As Boolean)  
As Boolean
```

```
strFile      = File    "/File" Pocket PC File Name  
strFile2     = File    "/File" Server File Name
```

## ShowRemoteFiles

Lists directory files and folders

```
Public Declare Function ShowRemoteFiles Lib "TriliumNETFTP.dll" (ByVal  
strFiles As String, ByVal strFileSize As String, ByVal strDirectory As  
String) As Boolean
```

```
strFiles      = Directory    "/Directory1"
```

## ShowLastError

Retrieves last error

```
Public Declare Function ShowLastError Lib "TriliumNETFTP.dll" () As  
Integer
```

## FTP Error Codes

---

Code	Description
<b>100 Codes</b>	<b>The requested action is being taken. Expect a reply before proceeding with a new command.</b>
110	Restart marker reply.
120	Service ready in (n) minutes.
125	Data connection already open, transfer starting.
150	File status okay, about to open data connection.
<b>200 Codes</b>	<b>The requested action has been successfully completed.</b>
200	Command okay.
202	Command not implemented
211	System status, or system help reply.
212	Directory status.
213	File status.
214	Help message.
215	NAME system type. (NAME is an official system name from the list in the Assigned Numbers document.)
220	Service ready for new user.
221	Service closing control connection. (Logged out if appropriate.)
225	Data connection open, no transfer in progress.
226	Closing data connection. Requested file action successful (file transfer, abort, etc.).
227	Entering Passive Mode
230	User logged in, proceed.
250	Requested file action okay, completed.
257	"PATHNAME" created.
<b>300 Codes</b>	<b>The command has been accepted, but the requested action is being held pending receipt of further information.</b>
331	User name okay, need password.
332	Need account for login.
350	Requested file action pending further information.
<b>400 Codes</b>	<b>The command was not accepted and the requested action did not take place. The error condition is temporary, however, and the action may be requested again.</b>
421	Service not available, closing control connection. (May be a reply to any command if the service knows it must shut down.)`
425	Can't open data connection.
426	Connection closed, transfer aborted.
450	Requested file action not taken. File unavailable (e.g., file busy).

- 451 Requested action aborted, local error in processing.
- 452 Requested action not taken. Insufficient storage space in system.

**500 Codes** **The command was not accepted and the requested action did not take place.**

- 500 Syntax error, command unrecognized. This may include errors such as command line too long.
- 501 Syntax error in parameters or arguments.
- 502 Command not implemented.
- 503 Bad sequence of commands.
- 504 Command not implemented for that parameter.
- 530 User not logged in.
- 532 Need account for storing files.
- 550 Requested action not taken. File unavailable (e.g., file not found, no access).
- 552 Requested file action aborted, storage allocation exceeded
- 553 Requested action not taken. Illegal file name.

## **Purchasing**

---

Purchase it at: <http://www.triliumsoftware.com>

Payment methods: PayPal | Credit Card

## **Support**

---

12 months e-mail support.