

CodingFTP Help

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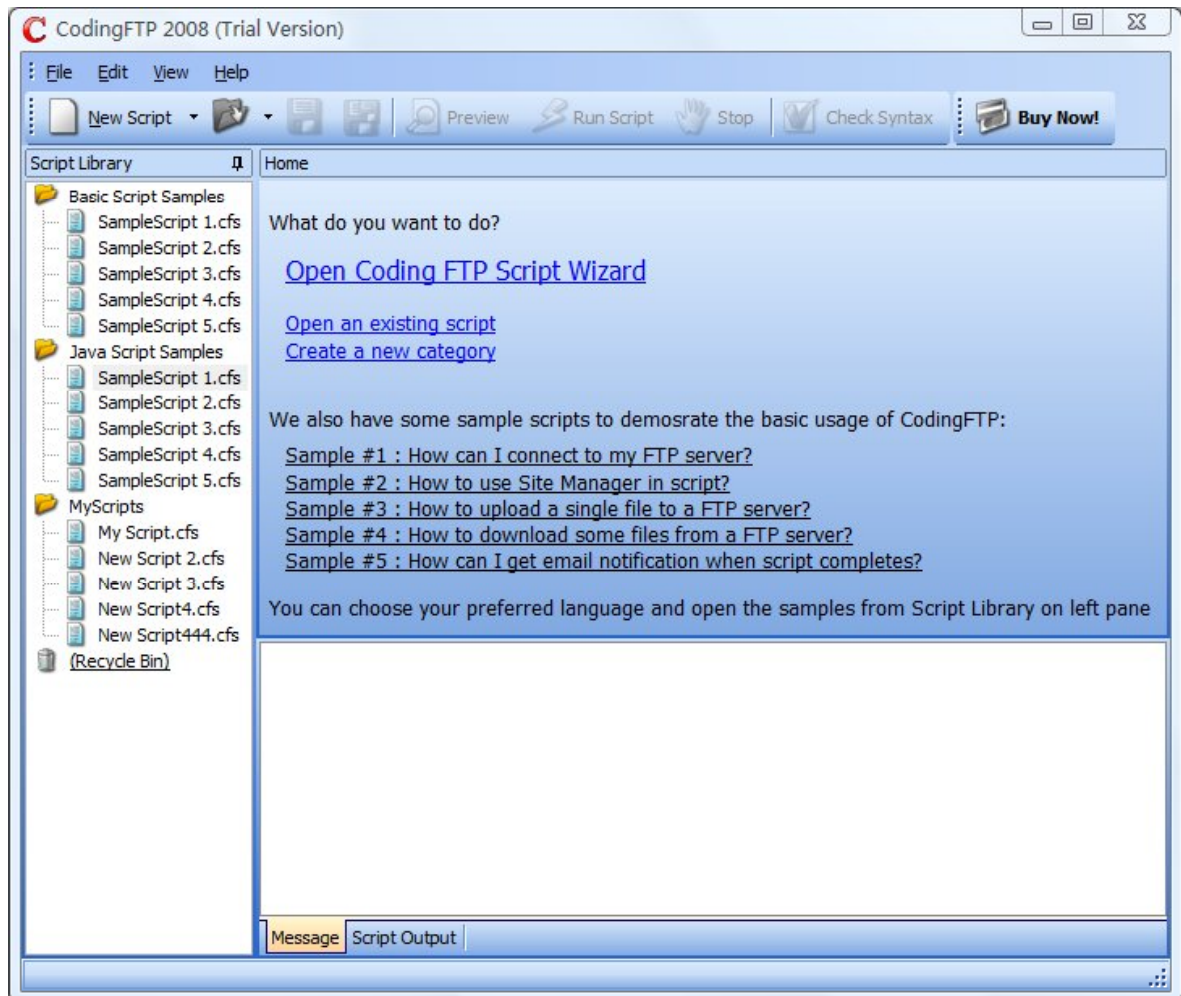
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1 Welcome

Using script to automate the FTP operation

CodingFTP is a software to help you to automate the FTP transfers. You can easily upload file to FTP server, download files from FTP server, change file permission. Do any FTP operation, **automatically**.



Note: CodingFTP isn't intend to be a replacement of traditional FTP client. It's designed for unattended, repeat, automated tasks. You may still need a traditional FTP client for manually operation.

2 Script Language Introduction

When we talking about writing script, you may think it's difficult. However, Coding FTP provides several

1) Easy to use script language

Coding FTP uses **Java Script** and **Basic Script** syntax. They are both widely used script languages. You may already see them in Windows and web pages. It's almost no learning curve if you have any programming experience.

2) Easy to use command option

Writing command in Coding FTP is likely writing **command line** in DOS window. Coding FTP uses similar syntax.

For example, to establish a FTP connection, you can use following command in script:

```
OpenHost ("/host=127.0.0.1 /username=myusername /passwd=myspasswd");
```

As you can see, it's very similar to write a command line.

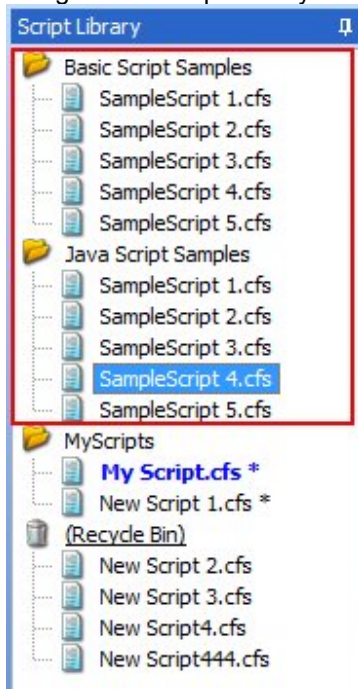
3) Script Wizard

Coding FTP also has an easy to use Script Wizard to help you write the script. You can open it in the main window of Coding FTP.

3 Where to start?

1) Firstly, you may want to see or run some script samples so that you can have the first impression on Coding FTP

You can open the sample scripts from the **Basic Script Samples** and **Java Script Samples** categories in Script Library.



2) Then, you can use Coding FTP Script Wizard to help you write some simple scripts.

You can open the wizard by clicking "File->New->Open Script Wizard"; Or, press Ctrl+W.

4 Script Command

CodingFTP has about 20 commands. You can use them in the script to do any FTP operations. Coding FTP uses Java/VB Script syntax for all commands. It's almost no learning curve if you have programming knowledge.

We also provide Script Writing Service if you have no any knowledge about coding or you simply don't want to take time to write the script. For either case, we are glad to write the script for you at a reasonable fee. More information about the SWS, please refer to [Script Writing Service](#) section.

4.1 Script Sample

Let's see a simple example which demonstrates how to establish the connection with a FTP server. You can also open them from "Java Script Samples" and "Basic Script Samples" in Script Library.

JScript Example:

```

/*
This script demonstrates how to use CodingFTP to connect to a FTP server.
It will try up to three times. You may need to change host address and account information.
*/
hostaddr = "localhost";
username = "anonymous";
passwd = "";
connected = false;
retrytimes = 1;

connected = OpenHost("/host=$hostaddr /username=$username /passwd=$passwd");

while ( !connected && (retrytimes <= 3) )
{
  WriteLog("Retrying..." + ToString(retrytimes));
  Sleep("/s=2"); /* Sleep 2 seconds and retry*/
  retrytimes++;
  connected = OpenHost("/host=$hostaddr /username=$username /passwd=$passwd");
}

if (connected)
{
  WriteLog("Connected successfully!");
  CloseHost;
}
else
{
  WriteLog("Connection failed, error message: " + ErrorText);
}

```

Basic Script Example:

```

'This script demonstrates how to use CodingFTP to connect to a FTP server.
'It will try up to three times. You may need to change host address and account information.
hostaddr = "localhost"
username = "anonymous"
passwd = ""
connected = false
retrytimes = 1

connected = OpenHost("/host=$hostaddr /username=$username /passwd=$passwd")

while ( not connected and (retrytimes <= 3) )
  WriteLog("Retrying..." & ToString(retrytimes))
  Sleep("/s=2")
  retrytimes = retrytimes + 1
  connected = OpenHost("/host=$hostaddr /username=$username /passwd=$passwd")
wend

if (connected) then
  WriteLog("Connected successfully!")
  CloseHost

```

```
else
  WriteLog("Connection failed, error message: " & ErrorText)
end if
```

4.2 Connection

- [INITServerInfo](#)
- [OpenHost](#)
- [CloseHost](#)

4.2.1 INITServerInfo

Description:

Initializing server information

Options:

/tz Time zone of FTP server. Available values:
auto: If it's the first time to connect to the FTP server, CodingFTP will use detect option to check its timezone; Otherwise, CodingFTP will use stored timezone
detect: CodingFTP always try to detect the time zone of FTP server.
a specified time zone: You can also specify the time zone directly if you know it.

/timeaccu Time accuracy. How CodingFTP compares file timestamp. Available values:
auto: If your FTP server supports MLST command, CodingFTP uses "second" accuracy; otherwise, "minute" accuracy will be used
m: Minute accuracy. 20:12:15 is equal to 20:12:40
s: Second accuracy. 20:12:15 is older than 20:12:40

Default Option:

/tz=auto
/timeaccu=auto

JScript Example:

```
INITServerInfo("/tz=auto /timeaccu=m"); // Detecting FTP server timezone automatically; Using minute accuracy
```

Basic Script Example:

```
INITServerInfo("/tz=auto /timeaccu=m") ' Detecting FTP server timezone automatically; Using minute accuracy
```

See Also:

4.2.2 OpenHost

Description:

Establish connection with a FTP server

Options:

/host FTP server address

/port FTP server port. Default value is 21, you don't need to change it in most cases

/username Username on the FTP server

/password Password of above user

/site Site ID/Name in Site Manager

/account Account ID/Name in Site Manager

Remark:

Normally, if you only need to connect to a non-secure FTP server, you can simply use following parameters in command:

```
"/host=127.0.0.1 /username=John /passwd=myspasswd"
```

However, if you need to connect to a secure FTP server or you need to use proxy, etc. You need to use the /site and /account. e.g.

```
"/site=mysite /account=myaccount"
```

The mysite and myaccount are the user defined Site/Account in Site Manager. To launch Site Manager, please click "Edit->FTP Site Manager" on main window of Coding FTP

JScript Example:

```
OpenHost("/host=127.0.0.1 /username=John /passwd=myspasswd");
```

Basic Script Example:

```
OpenHost("/host=127.0.0.1 /username=John /passwd=myspasswd")
```

See Also:

[CloseHost](#)

4.2.3 CloseHost

Description:

Close the connection from a FTP server

Options:

(no option)

JScript Example:

```
if ( OpenHost("/host=127.0.0.1 /anonymous") )
    CloseHost;
```

Basic Script Example:

```
If OpenHost("/host=127.0.0.1 /anonymous") Then
    CloseHost
```

See Also:

[OpenHost](#)

4.3 File Operation

4.3.1 DownloadFile

Description:

Downloading file(s) from FTP server. The file downloading is a basic and important feature for FTP operation. CodingFTP provides a very convenient way to download file(s)

Options:

/ftp File(s) need to be downloaded. A single file or a path with wildcard.
 /localdir A directory on local computer to store files
 /subdirs Including sub directories if specified

/ New file name on local disk
 newname
 /ifnewer Download file only when FTP file newer than local copy
 /iflarger Download file only when FTP file larger than local copy
 /ifnotexist Download file only when it's not exists in local computer
 /flat Download files from FTP server and store all of them in local directory without sub directory
 /exclude Exclusion filter
 /crc Using XCRC command to verify files after downloading, make sure all files were downloaded successfully

Result:

Boolean value

True : All files were downloaded successfully or no file was downloaded

False : Error occurred when download files

JScript Example:

```
// Download all files under "/user/lewis/html" to "d:\temp\html"
DownloadFile("/ftp=/usrs/lewis/html/*.* /localdir=d:\temp\html /subdirs");

// Download all "jpg" files under "/user/lewis/html" to "d:\temp\html\jpgs"
DownloadFile("/ftp=/usrs/lewis/html/*.jpg /localdir=d:\temp\html\jpgs /subdirs");

// Download file "/usrs/lewis/html/mainwindow.jpg" to "d:\temp\html\jpgs\mainwindow.jpg"
DownloadFile("/ftp=/usrs/lewis/html/mainwindow.jpg /localdir=d:\temp\html\jpgs");

// Download file "/usrs/lewis/html/mainwindow.jpg" to "d:\temp\html\jpgs" and rename it to "backup.jpg"
DownloadFile("/ftp=/usrs/lewis/html/mainwindow.jpg /localdir=d:\temp\html\jpgs /newname=backup.jpg");
```

Basic Script Example:

```
' Download all files under '/user/lewis/html' to 'd:\temp\html'
DownloadFile("/ftp=/usrs/lewis/html/*.* /localdir=d:\temp\html /subdirs")

' Download all 'jpg' files under '/user/lewis/html' to 'd:\temp\html\jpgs'
DownloadFile("/ftp=/usrs/lewis/html/*.jpg /localdir=d:\temp\html\jpgs /subdirs")

' Download file '/usrs/lewis/html/mainwindow.jpg' to 'd:\temp\html\jpgs/mainwindow.jpg'
DownloadFile("/ftp=/usrs/lewis/html/mainwindow.jpg /localdir=d:\temp\html\jpgs")

' Download file '/usrs/lewis/html/mainwindow.jpg' to 'd:\temp\html\jpgs' and rename it to 'backup.jpg'
DownloadFile("/ftp=/usrs/lewis/html/mainwindow.jpg /localdir=d:\temp\html\jpgs /newname=backup.jpg")
```

See Also:

[UploadFile](#), [SyncDir](#)

4.3.2 UploadFile**Description:**

Uploading file(s) to FTP server. The file Uploading is a basic and important feature for FTP operation. CodingFTP provides a very convenient way to Upload file(s)

Options:

/local File(s) need to be uploaded. A single file or a path with wildcard.
 /ftpdir A directory on FTP server to store files
 /subdirs Including sub directories if specified
 / New file name on FTP server
 newname
 /ifnewer Upload file only when local file is new than the copy on FTP server
 /iflarger Upload file only when local file is larger than the copy on FTP server
 /ifnotexist Upload file only when it's not exists on FTP server
 /flat Upload files to FTP server and store all of them in remote directory without sub directory
 /hidden Upload hidden files

/sys Upload sys files
 /exclude Exclusion filter
 /crc Using XCRC command to verify files after downloading, make sure all files were downloaded successfully
 /emptydir Create directory on FTP server even if local directory is empty

JScript Example:

```
// Upload all files under "d:\temp\html" to "/user/lewis/html"
UploadFile("/local=d:\temp\html\*.*/ftpdire=/usr/lewis/html /subdirs");

// Upload all "jpg" files under "d:\temp\html\jpgs" to "/user/lewis/html"
UploadFile("/local=d:\temp\html\jpgs\*.jpg /ftpdire=/usr/lewis/html /subdirs");

// Upload file "d:\temp\html\jpgs\mainwindow.jpg" to "/usr/lewis/html/mainwindow.jpg"
UploadFile("/local=d:\temp\html\jpgs/mainwindow.jpg /ftpdire=/usr/lewis/html");

// Upload file "d:\temp\html\jpgs\mainwindow.jpg" to "/usr/lewis/html" and rename it to "backup.jpg"
UploadFile("/local=d:\temp\html\jpgs/mainwindow.jpg /ftpdire=/usr/lewis/html /newname=backup.jpg");
```

Basic Script Example:

```
' Upload all files under 'd:\temp\html' to '/user/lewis/html'
UploadFile("/local=d:\temp\html\*.*/ftpdire=/usr/lewis/html /subdirs")

' Upload all 'jpg' files under 'd:\temp\html\jpgs' to '/user/lewis/html'
UploadFile("/local=d:\temp\html\jpgs\*.jpg /ftpdire=/usr/lewis/html /subdirs")

' Upload file 'd:\temp\html\jpgs/mainwindow.jpg' to '/usr/lewis/html/mainwindow.jpg'
UploadFile("/local=d:\temp\html\jpgs/mainwindow.jpg /ftpdire=/usr/lewis/html")

' Upload file 'd:\temp\html\jpgs/mainwindow.jpg' to '/usr/lewis/html' and rename it to 'backup.jpg'
UploadFile("/local=d:\temp\html\jpgs/mainwindow.jpg /ftpdire=/usr/lewis/html /newname=backup.jpg")
```

See Also:

[DownloadFile](#), [SyncDir](#)

4.3.3 SyncDir

Description:

Keep local directory and FTP directory in sync

Options:

/localdir A directory on local computer
 /ftpdire A directory on FTP server
 / How to synchronize files? Possible values:
 syncmeth
 od **updateft** Upload all new and changed files to FTP server
 p **update** Upload all new and changed files to FTP server and delete all obsolete files from FTP server
 lftp **update** Download all new and changed files to local computer
 cal **update** Download all new and changed files to local computer and delete all obsolete files from local computer
 local **update**
 bisync
 /subdirs Including sub directories if specified
 /include Inclusion filter. Only files in inclusion filter will be transferred
 /exclude Inclusion filter. All files in exclusion filter will NOT be transferred
 /fastsync Using fast sync to speed up the sync process. If this option enabled, you should not manually upload/edit files on FTP server as CodingFTP is not aware to these changes and this may cause conflict.

/crc Using XCRC command to verify the files to make sure they were uploaded/downloaded successfully

JScript Example:

```
// Upload all changed file to "/users/lewis/htmls" and verify they were synchronized successfully  
SyncDir("/localdir=d:\lewis\htmls /ftplib=/users/lewis/htmls /syncmethod=updateftp /subdirs /crc");
```

Basic Script Example:

```
' Upload all changed file to '/users/lewis/htmls' and verify they were synchronized successfully  
SyncDir("/localdir=d:\lewis\htmls /ftplib=/users/lewis/htmls /syncmethod=updateftp /subdirs /crc")
```

See Also:

[DownloadFile](#), [UploadFile](#)

4.3.4 SetSpeed

Description:

Set transferring speed

Options:

/kb Max speed in KB

/mb Max speed in MB

Default Option:

No speed limitation.

JScript Example:

```
SetSpeed("/kb=60"); // set max uploading/downloading to 60kb/second
```

Basic Script Example:

```
SetSpeed("/kb=60") ' set max uploading/downloading to 60kb/second
```

See Also:

4.3.5 SetTransferMode

Description:

Set transferring mode.

Options:

/binary Using binary mode to transfer all files in 'exts'. Other files will be transferred in ascii mode. If 'exts' option isn't used, all files will be transferred in binary mode.

/ascii Using ascii mode to transfer all files in 'exts'. Other files will be transferred in binary mode. If 'exts' option isn't used, all files will be transferred in ascii mode.

/exts File extension list.

Default Option:

"binary", all files will be transferred in binary mode.

JScript Example:

```
SetTransferMode("/binary"); // Using binary mode to transfer all files  
SetTransferMode("/ascii /exts=*.txt;*.html;*.php"); // Using ascii mode to transfer *.txt, *.html and *.php
```

Basic Script Example:

```
SetTransferMode("/binary") ' Using binary mode to transfer all files  
SetTransferMode("/ascii /exts=*.txt;*.html;*.php") ' Using ascii mode to transfer *.txt, *.html and *.php
```

See Also:

4.3.6 SetFileDate

Description:

Change file timestamp

Options:

/local A local file
/ftp A ftp file
/date New modification time

Result:

Boolean value

True : Successfully updated file timestamp

False : Failed to update file timestamp

JScript Example:

```
if ( SetFileDate("/ftp=/users/lewis/1.jpg /date=2008-3-10 13:23:40") )
{
    WriteLog("Update file timestamp successfully");
}
else
{
    WriteLog("Failed to update file timestamp");
}
```

Basic Script Example:

```
If SetFileDate("/ftp=/users/lewis/1.jpg /date=2008-3-10 13:23:40") Then
    WriteLog("Update file timestamp successfully")
Else
    WriteLog("Failed to update file timestamp")
End If
```

See Also:

4.3.7 SizeDiff

Description:

Compare the size of two files

Options:

/file1 Full path of file1
/file2 Full path of file 2

Result:

larger File1 is larger than file2; Or file2 isn't existing.

equal The size of file1 and file2 are equal

smaller File1 is smaller than file2; Or file1 isn't existing.

unknown Error occurred. e.g. unable to get file size

n

JScript Example:

```
if ( SizeDiff("/file1=d:\temp\1.jpg /file2=/users/lewis/2.jpg") == "larger" )
{
    WriteLog("1.jpg is larger");
}
```

```
if ( SizeDiff("/file1=/users/lewis/2.jpg /file2=/users/lewis/1.jpg") == "smaller" )
{
  WriteLog("2.jpg is smaller");
}
```

Basic Script Example:

```
If SizeDiff("/file1=d:\temp\1.jpg /file2=/users/lewis/2.jpg") = "larger" Then
  WriteLog("1.jpg is larger")
End If

If SizeDiff("/file1=/users/lewis/2.jpg /file2=/users/lewis/1.jpg") = "smaller" Then
  WriteLog("2.jpg is smaller")
End If
```

See Also:

[TimeDiff](#)

4.3.8 TimeDiff

Description:

Compare the timestamp of two files

Options:

/file1 Full path of file1
/file2 Full path of file 2

Result:

newer File1 is newer than file2; Or file2 isn't existing.
equal The timestamps of file1 and file2 are equal
older File1 is older than file2; Or file1 isn't existing.
unknown Error occurred. e.g. unable to get file timestamp
n

JScript Example:

```
if ( TimeDiff("/file1=d:\temp\1.jpg /file2=/users/lewis/2.jpg") == "newer" )
{
  WriteLog("1.jpg is newer");
}

if ( TimeDiff("/file1=/users/lewis/2.jpg /file2=/users/lewis/1.jpg") == "older" )
{
  WriteLog("2.jpg is older");
}
```

Basic Script Example:

```
If TimeDiff("/file1=d:\temp\1.jpg /file2=/users/lewis/2.jpg") = "newer" Then
  WriteLog("1.jpg is newer")
End If

If TimeDiff("/file1=/users/lewis/2.jpg /file2=/users/lewis/1.jpg") = "older" Then
  WriteLog("2.jpg is older")
End If
```

See Also:

[SizeDiff](#)

4.3.9 FileExists

Description:

Checking whether a specified file exists

Options:

/path A file on local computer or FTP server

Result:

True or False

JScript Example:

```
if ( FileExists("/ftp=/users/lewis/1.jpg") )
{
    WriteLog("File exists");
}
else
{
    WriteLog("File not exists");
}
```

Basic Script Example:

```
If FileExists("/ftp=/users/lewis/1.jpg") Then
    WriteLog("File exists")
Else
    WriteLog("File not exists")
End If
```

See Also:

[DirExists](#)

4.3.10 DirExists

Description:

Checking whether a specified directory exists

Options:

/path A directory on local computer or FTP server

Result:

True or False

JScript Example:

```
if ( DirExists("/ftp=/users/lewis") )
{
    WriteLog("Directory exists");
}
else
{
    WriteLog("Directory not exists");
}
```

Basic Script Example:

```
If DirExists("/ftp=/users/lewis") Then
    WriteLog("Directory exists")
Else
    WriteLog("Directory not exists")
End If
```

See Also:

[FileExists](#), [CreateDir](#), [DelDir](#)

4.3.11 Rename

Description:

Rename a file

Options:

/oldpath Original file

/newpath New file name. If the path specified, the file may moved to new location.

JScript Example:

```
// Rename FTP file "/users/lewis/temp/1.jpg" to "/users/lewis/temp/2.jpg"
Rename("/oldpath=/users/lewis/temp/1.jpg /newpath=2.jpg");
```

```
// Rename local file "d:\temp\1.jpg" to "2.jpg" and move it to "d:\temp\backup" directory
Rename("/oldpath=d:\temp\1.jpg /newpath=d:\temp\backup\2.jpg");
```

Basic Script Example:

```
' Rename FTP file '/users/lewis/temp/1.jpg' to '/users/lewis/temp/2.jpg'
Rename("/oldpath=/users/lewis/temp/1.jpg /newpath=2.jpg")
```

```
' Rename local file 'd:\temp\1.jpg' to '2.jpg' and move it to 'd:\temp\backup' directory
Rename("/oldpath=d:\temp\1.jpg /newpath=d:\temp\backup\2.jpg")
```

4.3.12 SetFilePermission

Description:

Change file permission on FTP server

Options:

/ftp A file on FTP server

/ New permission string.

There are 9 characters in the string. They represent owner permission, group permission and other permission. Every permission has three characters.

e.g. rwxr-xr-- means: the owner can read/write/execute, the group can read/execute, and others can only read

Result:

Boolean value: True or False

JScript Example:

```
if ( SetFilePermission("/ftp=/users/lewis/1.jpg /permission=rwxr--r--") )
{
    WriteLog("Update file permission successfully");
}
else
{
    WriteLog("Failed to update file permission");
}
```

Basic Script Example:

```
If SetFilePermission("/ftp=/users/lewis/1.jpg /permission=rwxr--r--") Then
    WriteLog("Update file permission successfully")
Else
    WriteLog("Failed to update file permission")
End If
```

See Also:

4.3.13 CreateDir

Description:

Create a new directory on local computer or FTP server

Options:

/path Directory name or full path

Result:

Boolean value: True or False

JScript Example:

```
if ( CreateDir("/path=/users/lewis/newfolder") )
{
    WriteLog("Successfully created directory");
}
else
{
    WriteLog("Failed to create directory");
}
```

Basic Script Example:

```
If CreateDir("/path=/users/lewis/newfolder") Then
    WriteLog("Successfully created directory")
Else
    WriteLog("Failed to create directory")
End If
```

See Also:

[DelDir](#)

4.3.14 DelFile

Description:

Delete a file from local computer or FTP server

Options:

/localfile A single file or a path with wildcard
/ftpfile A single FTP file or a FTP path with wildcard
/subdirs Delete files in sub directories too if specified

JScript Example:

```
// Delete all files in local directory d:\temp
DelFile("/localfile=d:\temp\*. * /subdirs");

// Delete all "*.tmp" in FTP directory "/users/lewis/" recursively
DelFile("/ftpfile=/users/lewis/temp/*.tmp /subdirs");
```

Basic Script Example:

```
' Delete all files in local directory d:\temp
DelFile("/localfile=d:\temp\*. * /subdirs")

' Delete all '*.tmp' in FTP directory '/users/lewis/' recursively
DelFile("/ftpfile=/users/lewis/temp/*.tmp /subdirs")
```

See Also:

[DownloadFile](#), [UploadFile](#)

4.3.15 DelDir

Description:

Delete a directory from local computer or FTP server

Options:

/path Directory name or full path

Result:

True or False

JScript Example:

```
if ( DelDir("/path=/users/lewis/newfolder") )
{
    WriteLog("Successfully deleted");
}
else
{
    WriteLog("Failed to delete directory");
}
```

Basic Script Example:

```
If DelDir("/path=/users/lewis/newfolder") Then
    WriteLog("Successfully deleted")
Else
    WriteLog("Failed to delete directory")
End If
```

See Also:

[CreateDir](#)

4.3.16 UISelectFile

Description:

Display a standard file selection window so users can select a file

Options:

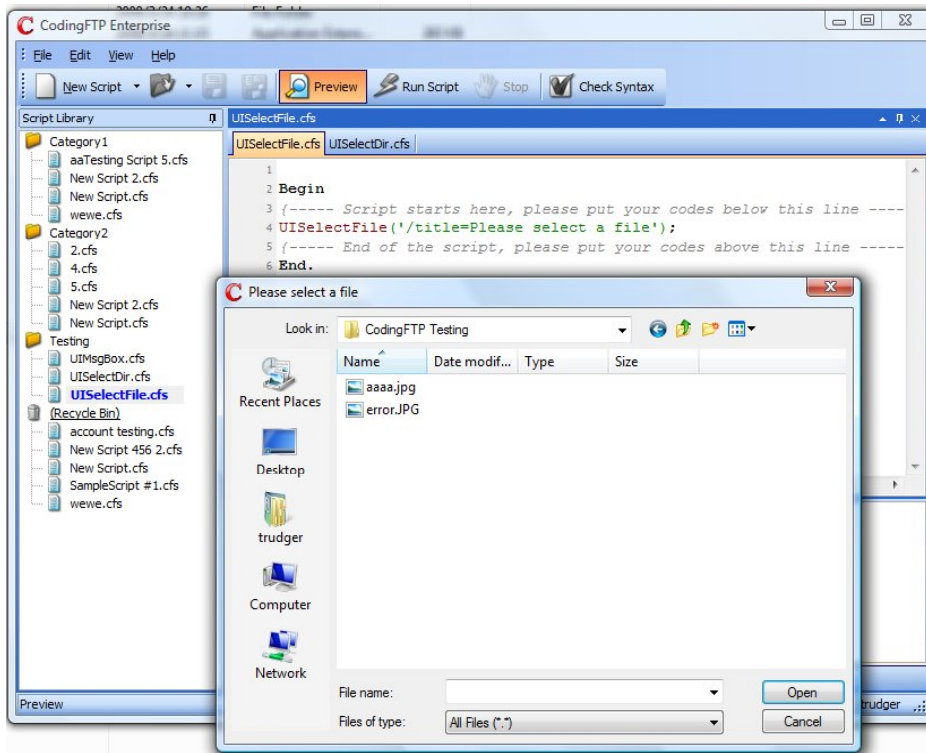
/title Window title. If not specified, the title will be "Please select a file"

JScript Example:

```
UISelectFile("/title=Please select another file");
```

Basic Script Example:

```
UISelectFile("/title=Please select another file")
```



See Also:
[UISelectDir](#)

4.3.17 UISelectDir

Description:

Display a standard directory selection window so users can select a directory

Options:

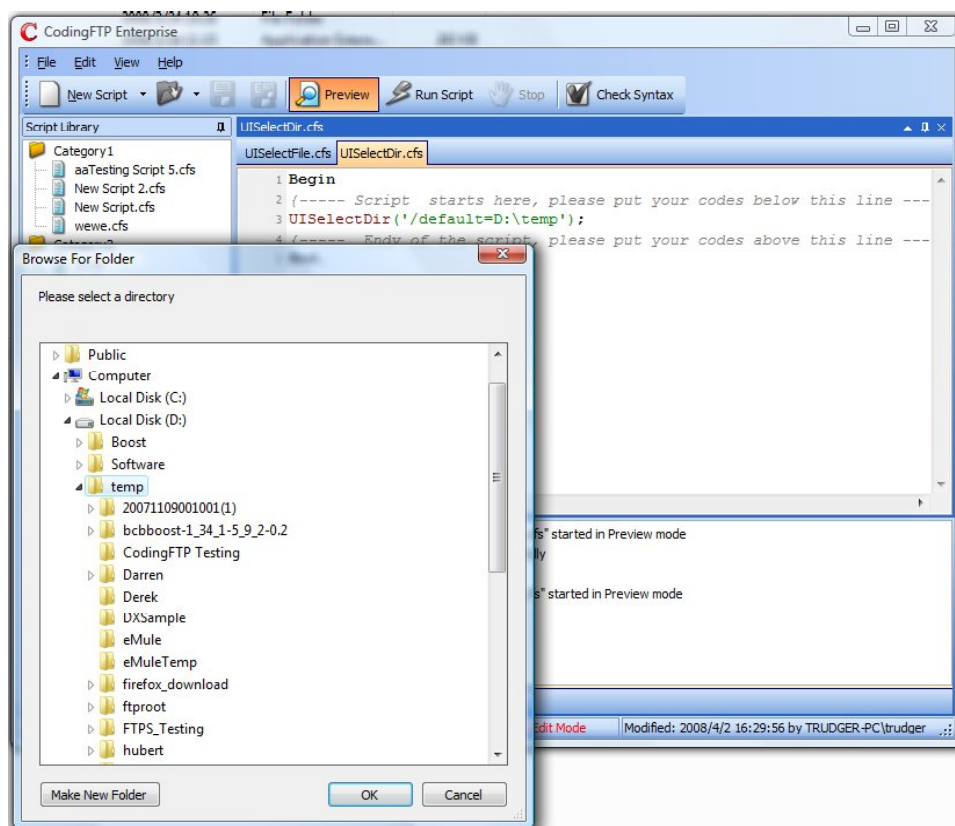
/title Window title. If not specified, the title will be "Please select a directory"
 /default Default directory

JScript Example:

```
UISelectFile("/title=Please select another file");
```

Basic Script Example:

```
UISelectFile("/title=Please select another file")
```

**See Also:**[UISelectFile](#)

4.4 Log & Notification

4.4.1 INITLogOption

Description:

Initialize log options

Options:

/path Log file name or full path. If only file name specified. The log file will be saved in the default log directory.
 For 2000/XP, the default directory is: C:\Documents and Settings\\Application Data\CodingFTP\Log
 For Vista, the default directory is: C:\Users\\AppData\Roaming\CodingFTP\Log

You can use following variables in the option:

% SCRIPTN Script file name

AME%

% Year in 2 digits. e.g. 08

YEAR2%

% Year in 4 digits. e.g.2008

YEAR4%

%MONTH Month with one digit before Oct, two digits after Oct. e.g. 1 and 12

```

%
%          Month with two digits always. e.g. 01 and 12
MONTH2
%
%DAY%    Use one digit if possible. e.g. 1 and 20
%DAY2%   Always use two digits. e.g. 01 and 20
%HOURL%  Use one digit if possible. e.g. 1 and 12
%        Always use two digits. e.g. 01 and 12
HOURL2%
%MINUTE  Use one digit if possible. e.g. 1 and 12
%
%        Always use two digits. e.g. 01 and 12
MINUTE2
%
%        Use one digit if possible. e.g. 1 and 12
SECOND
%
%        Always use two digits. e.g. 01 and 12
SECOND2
%

```

/size Max log file size, in MB.

/overwrite Overwrite old log file

/onlyerror Only write error to the log file. As default, all information will be written to log file

JScript Example:

```

// if current date is 4/3/2008 2:20:30, script name is testing, then the log file name will be "testing-2008-04-03-14-20-30.log"
INITLogOption("/path=%SCRIPTNAME%-%YEAR4%%MONTH2%%DAY2%-%HOURL2%%MINUTE2%%SECOND2% /size=10 /onlyerror");

```

Basic Script Example:

```

' if current date is 4/3/2008 2:20:30, script name is testing, then the log file name will be 'testing-2008-04-03-14-20-30.log'
INITLogOption("/path=%SCRIPTNAME%-%YEAR4%%MONTH2%%DAY2%-%HOURL2%%MINUTE2%%SECOND2% /size=10 /onlyerror")

```

See Also:

4.4.2 WriteLog

Description:

Write log

Options:

(no
option)

JScript Example:

```
WriteLog("My testing message");
```

Basic Script Example:

```
WriteLog("My testing message")
```

See Also:

4.4.3 SendEmail

Description:
Sending email

Options:

/subject Subject
/to Recipient address
/fname "From" name
/faddr "From" email address
/body Email body
/bodyfile You can also put message to a local file, CodingFTP will load it when sending out email

Note:

You need to specify the SMTP server information at "Edit->Options->Email Account" before using this command.

JScript Example:

```
SendEmail("/subject=Testing message from CodingFTP /to=user1@abc.com /fname=lewis /faddr=support@codingftp.  
  
// You can also set fname and faddr in "Email Account" so you don't need to enter them everytime.  
SendEmail("/subject=Testing message from CodingFTP /to=user1@abc.com /bodyfile=d:\temp\testingmessage.txt")
```

Basic Script Example:

```
SendEmail("/subject=Testing message from CodingFTP /to=user1@abc.com /fname=lewis /faddr=support@codingftp.  
  
' You can also set fname and faddr in 'Email Account' so you don't need to enter them everytime.  
SendEmail("/subject=Testing message from CodingFTP /to=user1@abc.com /bodyfile=d:\temp\testingmessage.txt")
```

See Also:

[SendResult](#)

4.4.4 SendResult

Description:
Send the script result via email

Options:

/always Always email the log if specified; Otherwise, only sending when error occurred.
/logfile Whether including script log in the email. Possible values:
always Always including log file in the email
error Only including log file in the email if there is any error occurred

Note:

You need to specify the SMTP server information, Recipient and "From" information at "Edit->Options->Email Account" before using this command.

JScript Example:

```
SendResult("/always /logfile=error");
```

Basic Script Example:

```
SendResult("/always /logfile=error")
```

See Also:

[SendEmail](#)

4.5 Miscellaneous

4.5.1 ErrorText

Description:

Get the last error text

Options:

(no option)

See Also:

[ErrorCode](#)

4.5.2 ErrorCode

Description:

Get the last error code

Options:

(no option)

See Also:

[ErrorText](#)

4.5.3 GetParam

Description:

Get parameter value from command line by its name

Options:

parameter name

JScript Example:

```
// If you run the script via command line: codingftp.exe /logfile=newlogfile.log. Then following command will work
GetParam('logfile'); // You will get "newlogfile.log"
```

Basic Script Example:

```
' If you run the script via command line: codingftp.exe /logfile=newlogfile.log. Then following command will work
GetParam("logfile") ' You will get 'newlogfile.log'
```

See Also:

4.5.4 ExitWindows

Description:

Exit Windows system

Options:

```
/logoff Log off current user
/ Shutdown computer
shutdown
/reboot Reboot computer
/now If specified, CodingFTP will take action immediately; Otherwise, a window will be displayed to delay for 30 seconds so users have chance to cancel the operation
```

JScript Example:

```
ExitWindows("/logoff");
```

Basic Script Example:

```
ExitWindows("/logoff")
```

**See Also:**

4.5.5 SetWorkingDir

Description:

Set working directory

Options:

/local Working directory on local computer
/ftp Working directory on FTP server

JScript Example:

```
SetWorkingDir("/local=d:\temp\lewis /users/lewis");
```

Basic Script Example:

```
SetWorkingDir("/local=d:\temp\lewis /users/lewis")
```

See Also:

[GetWorkingDir](#)

4.5.6 GetWorkingDir

Description:

Get working directory

Options:

/local Working directory on local computer
/ftp Working directory on FTP server

Result:

Local or FTP working directory

JScript Example:

```
GetWorkingDir("/local"); // get local working directory
```

Basic Script Example:

```
GetWorkingDir("/local") ' get local working directory
```

See Also:

[SetWorkingDir](#)

4.5.7 UIMsgBox

Description:

Show a message box

Options:

/msg Message
/type Icon type. Possible values:

Information

Confirmation When user clicked "Yes" button, it function returns "YES"; Otherwise, it returns "NO".

Warning**Result:**

YES

NO

OK

JScript Example:

```
if ( UIMsgBox("/msg=Are sure to exit? /type=Confirmation") == "YES" )  
    // User clicked YES button  
else  
    // User clicked NO button
```

Basic Script Example:

```
If UIMsgBox("/msg=Are sure to exit? /type=Confirmation") = "YES" Then  
    ' User clicked YES button  
Else  
    ' User clicked NO button  
End If
```

**See Also:**

4.5.8 UIAskInput

Description:
Ask user input

Options:

/prompt Prompt message
/default Default text in edit box
/passwd Password mode, show input as "*"

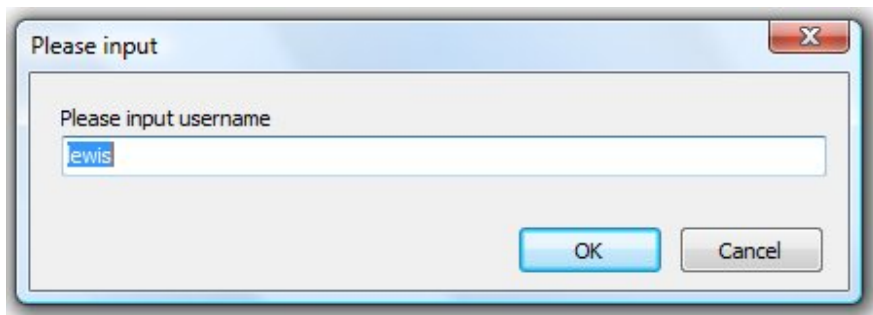
Result:
User input

JScript Example:

```
UIAskInput("/prompt=Please input username /default=lewis");
```

Basic Script Example:

```
UIAskInput("/prompt=Please input username /default=lewis")
```



See Also:

4.5.9 Uppercase

Description:
Convert all characters to upper case

Options:
(no
option)

Result:
String

JScript Example:

```
Uppercase("abcDE"); // Returns "ABCDE"
```

Basic Script Example:

```
Uppercase("abcDE") ' Returns 'ABCDE'
```

4.5.10 Lowercase

Description:

Convert all characters to lower case

Options:

(no
option)

Result:

String

JScript Example:

```
Uppercase("abcDE"); // Returns "abcde"
```

Basic Script Example:

```
Uppercase("abcDE") ' Returns "abcde"
```

4.5.11 NameCase

Description:

Convert the first character in a word to uppercase and all other characters in lowercase.

Options:

(no
option)

Result:

String

JScript Example:

```
NameCase("my NAME"); // Returns "My Name"
```

Basic Script Example:

```
NameCase("my NAME") ' Returns 'My Name'
```

4.5.12 Trim

Description:

Remove all space characters on the beginning and the end of the string. The space characters in middle of the string will not be removed

Options:

(no
option)

Result:

String

JScript Example:

```
Trim(" 123 4 "); // Returns "123 4"
```

Basic Script Example:

```
Trim(" 123 4 ") ' Returns '123 4'
```

4.5.13 ToStr

Description:

Convert a integer value to string. It's required when you need to display the integer value. For example, using WriteLog to output it.

Options:

(no
option)

Result:

String

JScript Example:

```
WriteLog(ToStr(123));
```

Basic Script Example:

```
WriteLog(ToStr(123))
```

4.5.14 ToNumber

Description:

Convert a string value to a number

Options:

(no
option)

Result:

String

JScript Example:

```
1 + ToNumber("2"); // returns 3
```

Basic Script Example:

```
1 + ToNumber("2") ' returns 3
```

5 Script HowTo

5.1 How to use variable?

For example:

Java Script

```
myname = "John";  
WriteLog(myname);
```

Basic Script

```
myname = "John"  
WriteLog(myname)
```

There are two methods to use variable in command parameter string. For example, we have two variables:

```
username = "John";  
passwd = "mypasswd";
```

Method #1:

Normally, we need to use "+" to join these variables like this:

```
OpenHost("/host=localhost /username=" + username + " /passwd=" + passwd);
```

The actual parameter Coding FTP get will be:

```
"/host=localhost /username=John /passwd=mypasswd"
```

Method #2:

However, Coding FTP provides another more convenient method:

```
OpenHost("/host=localhost /username=$username /passwd=$passwd");
```

As you can see, you can add a prefix, \$, to the variable name. Coding FTP will replace them with the real value during running.

The actual parameter Coding FTP get will be: "/host=localhost /username=John /passwd=mypasswd"

It's the same as method #1.

5.2 How to write procedure myself?

To write a custom function in Java Script, please use "function ... {...}". In VB Script, please use "Sub... End Sub".

JScript Example:

```
function MyPrint(msg)  
{  
    MsgBox(msg);  
    WriteLog(msg);  
}
```

```
MyPrint("my message");
```

Basic Script Example:

```
Sub MyPrint(msg)  
    MsgBox(msg)  
    WriteLog(msg)  
End Sub
```

```
MyPrint("my message")
```

6 FAQ

6.1 How to run script from command line?

You can easily to integrate Coding FTP with your work flow by using command line.

The command line is easy:

- If the script under default script library directory, you can simply use **script name** in command line:
codingftp.exe /script=script1.cfs
- If the script file doesn't exist in default script library, you need to specify the **full path** of the script file:
codingftp.exe /script=d:\mydata\testing.cfs

6.2 How to upgrade my license?

Coding FTP has two licenses: Professional and Enterprise.

If you want to upgrade your license, please:

- 1) Email us at sales@codingftp.com and let us know your current license information and the license type you want to purchase
- 2) We'll send you an ordering link. The price will be the difference between two editions plus \$3.
- 3) Please using the ordering link we sent to you to complete the order. The new license information will be sent to you within minutes
- 4) When you get the registration email, please click "Help->License Information" and enter new license code

7 Service

7.1 Script Writing Service

We provide not only CodingFTP but also Scripts Writing Service!

if you have no any knowledge about coding or you simply don't want to take time to write the script. For either case, we are glad to write the script for you at a reasonable fee.

There are three types of script:

A Class Script: Needs less than *one hour* to write and debug

B Class Script: Needs less than *three hours* to write and debug

C Class Script: Needs less than *48 hours* to write and debug

More information about SWS, please visit <http://www.codingftp.com/sws.php>

Note: This service is only available for registered users. If you didn't register CodingFTP yet, please [click here](#) to buy a license today!

7.2 Customized Version

Thanks to the excellent design of Coding FTP, we are able to expand Coding FTP easily. So we provide this service for you. If you think Coding FTP suits most of your needs but lacks some important features to you. Please don't hesitate to contact us. We can discuss the possibility of Customized Version.

More information about Customized Version service, please visit <http://www.codingftp.com/customized.php>

8 Tech Support

- **Discussion Forum**

You can also post your questions on [discussion forum](#). It's also a good place to get our support

- **Contact Form**

You can also use the [online form](#) to send message to us.

- **Email**

If you have any question or encountered any problem, you can contact our support team at support@codingftp.com

Note: If you are a registered users, please use the registration email to send out message so you can get priority support.