TTFax.DLL for Visual Basic

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Included Files:

TTFax.DLL   TraiTel Fax library for Visual Basic and C/C++
TTFax.BAS   Function declarations for TTFax.DLL
TTFax.PDF   This document

Required Components:

Microsoft Winsock 2.0 DLLs

Usage:

This library can be used in any Visual Basic project. The included TTFax.bas file must be added to the project and the TTFax.dll library must be installed either in the application's directory or in the Windows System32 directory. A simple example is included at the end of this document.

Functions:

TTFax_CreateFax:

TTFax_CreateFax
(from_email As String, to_fax_number As String, subject As String)
As Long

This function creates a fax object. It must be called before any other function call.

Parameters:

From_email: A string containing the email address of the sender. This must be the email address used when signing up with TraiTel Telecommunications or any additional faxing email address added to the TraiTel account.

To_fax_number: The full international fax number to dial. For Australia, the format must be 612901234567. Any additional symbols will be discarded.

Subject: The subject of the fax. This string will not appear on the actual fax, it is simply used as a reference in the fax report email.

Return Value:

This function returns a job reference number which must be used when calling any other TTFax DLL function, except for TTFax_SetSMTPServer. The job must be closed when it is no longer needed by calling TTFax_Close. Failure to close the fax job will result in a memory leak in your application.

TTFax_Attach:

TTFax_Attach
(job_id As Long,file As String)
As Integer

This function attaches a document to a fax job. Up to 8 documents can be added to a single job. Any document supported by TraiTel Faxing can be included. These include .pdf, .wri, .doc, .xls, .html, .txt, .rtf, .jpg, .bmp, .tif and others.

Parameters:

Job id: The job reference number returned by TTFax_CreateFax

File: The full path & file name of the file to attach to the fax job

Return Value:

0 Success
1 One or more parameters are invalid
2 Too many attachments
3 File not found

TTFax_SendFax:

TTFax_SendFax
(job_id As Long)
As Integer

This function sends a fax job to TraiTel Telecommunications.

Parameters:

Job_id: The job reference number returned by TTFax_CreateFax

Return Value:

0   Success
1   Failed to connect to remote server
2   Sender's email address is not recognised or it is not associated with a TraiTel account
3   Insufficient funds
4   Unknown error

TTFax_Close:

TTFax_Close
(job_id As Long)
As Integer

This function destroys a fax job. This function **must** be called when a fax job is no longer needed.

Parameters:

Job_id: The job reference number returned by TTFax_CreateFax

Return Value:

0   Success

TTFax_SetSMTPServer

TTFax_SetSMTPServer
(server As String, port As Integer)
As Integer

This function configures TTFax.DLL to use an alternative SMTP server to send the fax jobs. This function should only be used when a firewall or ISP does not allow a connection directly to TraiTel Telecommunications.

By changing the default server and port, the return values for TTFax_SendFax are no longer valid. Instead, they should be treated as: zero for success and non-zero for failures.

Parameters:

Server: The domain name or IP address of an alternative SMTP server. By default, this value is set to: traitel.com.au

Port: The port of the SMTP server. The default value is 25

Return Value:

0   Success
1   Invalid Parameters

Example:

```
Dim jobID As Long
Dim result As Integer

' Create the Fax
jobID = TTFax_CreateFax(bob@email.com, "612901234567", "Test
Fax")

' Attach the document(s), up to 8
Result = TTFax_Attach(jobID, "C:\test.rtf")

' Check for errors
If result <> 0 Then
    Select Case result
        Case 1: MsgBox "Invalid Parameters"
        Case 2: MsgBox "Too many attached documents"
        Case 3: MsgBox "File not found"
        Case Else: MsgBox "Unknown error"
    End Select
    ' Destroy the fax object
    TTFax_Close jobID
    Exit Sub
End If

' Send the fax!
If result <> 0 Then
    Select Case result
        Case 1: MsgBox "Could not connect to server"
```

```
            Case 2: MsgBox "From Email not recognised; account
            not found"
            Case 3: MsgBox "Insufficient funds"
            Case Else: MsgBox "Unknown erroe"
     End Select
End If

' Destroy the fax object
TTFax_Close (jobID)

End
```