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Thread: [Progress reporting](#)

negerhek - March 7, 2013, 1:31 pm

Hi, I am trying to create a personal FTP file uploader. I want the backgroundworker to report the progress of the upload, but however it doesn't report at all.

Here's the code:

Code Imports System

Imports System.IO

Imports System.Net

Imports System.Text.RegularExpressions

Imports System.ComponentModel

Public Class Form1

'==details==

dim host As String = "ftp://nine"

dim username As String = "nine"

dim password As String = "nine"

'==details==

Private Sub Form1_Load(sender As System.Object, e As System.EventArgs) Handles MyBase.Load

ToolStripStatusLabel1.Text = "Idle"

End Sub

Private Sub Button1_Click(sender As System.Object, e As System.EventArgs) Handles Button1.Click

OpenFileDialog1.Title = "Select your file"

OpenFileDialog1.FileName = ""

OpenFileDialog1.ShowDialog()

TextBox1.Text = OpenFileDialog1.FileName.ToString

End Sub

Private Sub Button2_Click(sender As System.Object, e As System.EventArgs) Handles Button2.Click

BackgroundWorker1.RunWorkerAsync()

End Sub

Private Sub BackgroundWorker1_DoWork(sender As System.Object, e As System.ComponentModel.DoWorkEventArgs) Handles BackgroundWorker1.DoWork

Dim req As System.Net.FtpWebRequest = DirectCast(System.Net.WebRequest.Create(host & System.IO.Path.GetFileName(OpenFileDialog1.FileName).ToString()), System.Net.FtpWebRequest)

req.Credentials = New System.Net.NetworkCredential(username, password)

req.Method = System.Net.WebRequestMethods.Ftp.UploadFile

Dim bfile() As Byte = System.IO.File.ReadAllBytes(TextBox1.Text)

Dim str As System.IO.Stream = req.GetRequestStream()

ToolStripStatusLabel1.Text = "Uploading: " &

```

System.IO.Path.GetFileName(OpenFileDialog1.FileName).ToString()
    str.Write(bfile, 0, bfile.Length)
    str.Close()
    str.Dispose()
End Sub
Private Sub BackgroundWorker1_ProgressChanged(sender As Object, e As
System.ComponentModel.ProgressChangedEventArgs) Handles
BackgroundWorker1.ProgressChanged
    ToolStripProgressBar1.Value = e.ProgressPercentage
    Label1.Text = e.ProgressPercentage.ToString()
End Sub

Private Sub BackgroundWorker1_RunWorkerCompleted(sender As Object, e As
System.ComponentModel.RunWorkerCompletedEventArgs) Handles
BackgroundWorker1.RunWorkerCompleted
    ToolStripStatusLabel1.Text = "Idle"
End Sub
End Class

```

I also tried

```
Code BackgroundWorker1.ReportProgress(prog)
```

but that only reported the progress once and returned 0% as progress.

Meerkat.? - March 7, 2013, 2:17 pm

The way you're uploading the data doesn't have the ability to report progress.

You'll need to find a way to find out how many bytes you have sent already, then calculate how many % you've sent.

Then use the ReportProgress method to report progress.

ident - March 7, 2013, 2:55 pm

If you want to report progress then you have to be able to measure progress.

You need to read the file in blocks and then calculate how much you have already read as a proportion of the total file size. You can calculate that and report it to the user after reading each block.