

Forum:[Hack Forums](#)

Thread: [\[TUT\] Zip and UnZip Files in VB.NET](#)

Washi - July 25, 2011, 2:13 pm

Hi all.

This is my tutorial to zip and unzip files.

First of all, create a new project and name it whatever you want.

Then the first thing what you have to do is add the reference that is called WindowBase
[img]http://jersoft.site88.net/1.png[/img]

Then Customize your form.. I just let it simple
[img]http://jersoft.site88.net/2.png[/img]

Now, double click on the Zip button to switch to your code window.
At the top, type in:

Code Imports System.IO.Packaging

Then in the Button1_Click sub from the Zip Button, add this code:

Code 'The Path of the Zip file you want to create

Dim zippath As String = IO.Path.Combine(Application.StartupPath, "test.zip")

'Create New Zip File

Dim zip As ZipPackage = ZipPackage.Open(zippath, IO.FileMode.Create,
IO.FileAccess.ReadWrite)

To add a file or folder, use this:

Code Dim part As PackagePart = zip.CreatePart(New Uri("/subfolder/calc.exe", UriKind.Relative), _
Net.Mime.MediaTypeNames.Application.Zip, CompressionOption.Normal)

Dim bytes() As Byte = My.Computer.FileSystem.ReadAllBytes("c:\windows\system32\calc.exe")
part.GetStream.Write(bytes, 0, bytes.Length)

And finally, when you are done with adding files and/or folders close the zip creation.

Code zip.close()

Now you have the zip code, test your program and you will see something like this:

[img]http://jersoft.site88.net/3.png[/img]

Congratulations!

But it's not finished yet. We have to unzip the file as well.

To do that, double click on the Unzip Button and the Button2_Click Sub will be generated.

Inside that sub, type this:

```
Code Dim zippath As String = IO.Path.Combine(Application.StartupPath, "test.zip")
Dim zip As ZipPackage = ZipPackage.Open(zippath, IO.FileMode.Open, IO.FileAccess.ReadWrite)
```

```
'Loop through every Package part
For Each p As PackagePart In zip.GetParts
```

```
    'Get Filename without path
    Dim FileName As String = p.Uri.ToString.Substring(p.Uri.ToString.LastIndexOf("/") + 1)
```

```
    'Create a new FileStream
    Dim tempstream As New IO.FileStream(Application.StartupPath & "\" & FileName,
IO.FileMode.Create)
```

```
    'Copy stream to the tempstream
    p.GetStream.CopyTo(tempstream)
```

```
    tempstream.Close()
Next
```

```
'And at last
zip.Close()
```

Now test your program and if you did all things right, you will get something like this:

[img]http://jersoft.site88.net/4.png[/img]

And that's all you have to do ?

You can download the project here:

<http://www.mediafire.com/?1hbffjodefwbj8i>

Virustotal scan

<http://www.virustotal.com/file-scan/report.html?id=5fef4f5e67128ed39c16c35195d125368d23c64e480b7b221d7e7787b8bc6800-1311628040>

Funhouse - July 25, 2011, 2:21 pm

I've been looking for something along these lines for a file management system, along with an FTP client management system. Thanks for the share, bro. I appreciate it.

Coleak - July 25, 2011, 2:28 pm

This would be really good if you were uploading a file to a FTP. Good tutorial, home to see some more comments on this quality thread.

Penthos - July 25, 2011, 3:30 pm

Nice post.

Although i have only just seen it and its too late to start now, tomorrow i will give it a go :P

Starting to really get into VB now, and all tuts are welcome as i can feel my mindz expanding with each new tut.

Following the series on youtube vb.net really good for beginners like myself. So yea thanks again.

nathan72389 - July 25, 2011, 6:29 pm

you may want to mention that "windows base" is only available in 3.0 and up.

Logic_Bomber - July 25, 2011, 6:38 pm

This sounds interesting, will definately try it out.

Washi - July 25, 2011, 11:39 pm

Thank you all for the nice replies!

(Jul 25, 2011 02:28 PM)Coleak Wrote: [\[CITE\]](#) This would be really good if you were uploading a file to a FTP. Good tutorial, home to see some more comments on this quality thread.

Yea I hope so to ?

(Jul 25, 2011 06:29 PM)nathan72389 Wrote: [\[CITE\]](#) you may want to mention that "windows base" is only available in 3.0 and up.

Okay, I didn't know. Thank you for the information ?

Penthos - September 20, 2011, 4:18 pm

(Jul 25, 2011 06:29 PM)nathan72389 Wrote: [\[CITE\]](#) you may want to mention that "windows base" is only available in 3.0 and up.

When I tried this guide with framework it failed on line

P.getstream.copyto(thempstrem) - whatever that line is can't see posting from phone atm.

Only worked with framework 4.0

Any work around??

Vysse - September 20, 2011, 7:26 pm

you can use the Gzip library to achieve the same thing...

Washi - September 20, 2011, 10:10 pm

(Sep 20, 2011 04:18 PM)TrinityCoder Wrote: [\[CITE\]](#) When I tried this guide with framework it failed on line

P.getstream.copyto(thempstrem) - whatever that line is can't see posting from phone atm.

Only worked with framework 4.0

Any work around??

Check that you don't have any spaces or other symbols in the destination path.

desi hacker - September 20, 2011, 10:23 pm

nice tutorial ... this is work well ... superb...

adiiforu - September 20, 2011, 11:45 pm

there is also a method to compress you file in 7zip its already posted in hf. Nice share.

Penthos - September 21, 2011, 12:35 am

(Sep 20, 2011 10:10 PM)TheUnknownProgrammer Wrote: [\[CITE\]](#) Check that you don't have any

spaces or other symbols in the destination path.

It was due to copyto not being in the framework for 3.5

As soon as I changed framework and nothing else it worked.

Nothing to do with destination ..

bob42 - *September 21, 2011, 12:41 am*

Thank you for the share, great job. ^_^

Penthos - *September 21, 2011, 2:27 am*

Properly no need for this but i had fun :P

Thanks op!

[img]http://i1141.photobucket.com/albums/n590/Richard_Jones1984/zipit.png[/img]

Download Source : <http://www.mediafire.com/?8hvho57a2v30fl7>

Edit: now to look into this Gzip....