

Re: Assembly conversion to Pocket Pc format

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2008-03/msg000>

- *From:* Harsha <Harsha@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 6 Mar 2008 04:34:01 -0800
-

Thanks for below information. I tried a sample code. I am sharing same with you.

sample code -> web application runnin on IIS

```
{
string strfilename =
"c:\\inetpub\\wwwroot\\DownloadCABForMypaq\\mypaq\\mypaq.exe";
System.IO.BinaryReader BR = new
System.IO.BinaryReader(File.Open(strfilename , FileMode.Open,
FileAccess.Read));
BR.BaseStream.Position = 0;
byte[] binFile = BR.ReadBytes(Convert.ToInt32(BR.BaseStream.Length));
Response.BinaryWrite(binFile);

BR.Close();
Response.End();
Response.Flush();
}
```

Client application – running in PDA (windows mobile 4x)

```
{
string FileName = "mypaq.exe";
string downloadUrl =
"http://16.138.51.97/DownloadCABForMypaq/DownloadCAB.aspx?file= + FileName;
HttpWebRequest req =
(HttpWebRequest)WebRequest.Create(downloadUrl);
req.Method = "GET";

HttpWebResponse resp = (HttpWebResponse)req.GetResponse();

Stream respStream = resp.GetResponseStream();
StreamReader rdr = new StreamReader(respStream);
localFile = strAppExecPath1 + FileName;
```

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```
// Create the local file  
StreamWriter wrtr = new StreamWriter(localFile);  
  
// loop through response stream reading each line  
// and writing to the local file  
string inLine = rdr.ReadLine();  
int iSize = 0;  
while (inLine != null)  
{  
wrtr.WriteLine(inLine);  
iSize = iSize + inLine.Length;  
inLine = rdr.ReadLine();  
}  
  
rdr.Close();  
wrtr.Close();  
}
```

Problem -> after download of the data from server it is stored in a file in PDA.
when i try to run, the application does not run on PDA
the mypaq.exe is a device application compiled in .NET
can you check if i have done any mistake in coding.

Thanks for your patience.

Harsha.

"Christopher Fairbairn" wrote:

Hi,

"Harsha" <Harsha@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:D6B67244-6E28-4998-8846-E2FC0A008155@xxxxxxxxxxxxxxxxxxxx

My scenario is I have set of Compact framework DLL's (Not windows
assembly).
Till date I used to manually paste those into my device. While doing that
it
used to copy and convert those assemblies into device format.

Are you talking about the dialog that appears while transferring files to an
ActiveSync connected via Windows Explorer?

If so the conversion process mentioned in the dialog isn't doing anything
for .NET assemblies, i.e. it is simply passing them through unmodified.

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Only files of certain file types are passed through a convertor when transferred via ActiveSync and to my knowledge .NET assemblies are not one of those file types. It's mainly wordprocessor and spreadsheet type formats that are converted by ActiveSync for use with Pocket Word or Excel.

Now I want to automate that process and I don't want to manually copy them rather I want to download from HTTP or HTTPS. So while downloading text file downloads properly. But for assembly's.images.videos format needs to be changed as it was happening when we manually copy to device.

As long as the files are being treated as binary data and not text data by any code related to the HTTP transfer the assemblies should transfer over HTTP or HTTPS just fine without any modification or conversion required.

Hope this helps.
Christopher Fairbairn

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