

## Re: question refined – Copy file from client to server

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.general/2006-02/msg00351.html>

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- *From:* "Marina Levit [MVP]" <someone@xxxxxxxxxx>
  - *Date:* Wed, 8 Feb 2006 12:43:46 -0500
- 

You can't copy the file, because you only have access to the file in its uploaded form – which is the stream.

You already wrote code in that snippet you posted to read this stream and write it out to disk. So it looks to me like you already have this written.

"CGW" <CGW@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:81245D1D-80E7-43E7-BDED-9DA5C8C0478C@xxxxxxxxxxxxxxxxxxxx>

Well then, please forgive me because I didn't state my question correctly...

The user will still choose the file. What I need to do is to copy that file to a directory on the server, rather than load it into SQL. And THAT is my question. How to do that best.

--  
Thanks,

CGW

"Marina Levit [MVP]" wrote:

You are not using a FileStream to actually get the data from the client's machine. You are not opening up the filestream directly to the client's file.

The user is uploading the file, and you are getting the actual data because the user browsed to the file so your page could upload it. The user willingly opened the dialog, chose the file, then clicked a button to send the file to the server. Then you are just taking that uploaded file, and doing something with it on the server.

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This is nothing like wanting to have server side code that just goes to a given client file, and does something with it.

This brings me back to my original point of the server not being able to just manipulate the files on a client machine at will.

"CGW" <CGW@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
news:4D2F1193-B53B-437F-9547-BAA2906B5A41@xxxxxxxxxxxxxxxxxxxx

Here you go... here's one that uploads an Excel file using an input type of file on the ASPX page:

```
DataSet ds = new DataSet();

HttpPostedFile file = flFile.PostedFile;

// Make sure file is a valid Excel Spreadsheet
if (file.ContentType != "application/vnd.ms-excel")
{
    spMessages.InnerHtml = "Please upload a valid Excel Spreadsheet!";
    return;
}

int lastSlash = file.FileName.LastIndexOf("\\");

DateTime dTime = DateTime.Now;

excelFileName = dTime.DayOfYear.ToString() +
dTime.Hour.ToString() +
dTime.Minute.ToString() + dTime.Second.ToString() +
dTime.Millisecond.ToString();

excelFileName += file.FileName.Substring((lastSlash + 1),
(file.FileName.Length - (lastSlash + 1)));
_excelUploadPath += excelFileName;

csvFileName = excelFileName.Replace("xls", "csv");
_csvUploadPath += csvFileName;

int fileLength = file.ContentLength;
byte[] fileData = new byte[fileLength];

// Read file contents into fileData byte[]
file.InputStream.Read(fileData, 0, fileLength);

// Upload Excel file
FileStream fs;
```

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```
try
{
fs = new FileStream(_excelUploadPath, FileMode.Create);
fs.Write(fileData, 0, fileLength);
fs.Flush();
fs.Close();
}
catch (Exception err)
{
spMessages.InnerHtml = "An error occurred attempting to
upload
file!<br>" + err.ToString();
return;
}

// Create a datasource for the dataset
string sConnectionString =
"Provider=Microsoft.Jet.OLEDB.4.0;" +
"Data Source=" + _excelUploadPath + ";" +
"Extended Properties=Excel 8.0;";

OleDbConnection objConn = new
OleDbConnection(sConnectionString);

try
{
objConn.Open();
OleDbCommand objCmdSelect = new
OleDbCommand("SELECT * FROM [" +
worksheetName + "]", objConn);
OleDbDataAdapter objAdapter = new OleDbDataAdapter();
objAdapter.SelectCommand = objCmdSelect;
objAdapter.Fill(ds);
}
catch (Exception e)
{
ErrorHandler.HandleDBError("eventUpload.aspx.cs",
"CreateCSV()", e);
}
finally
{
if (objConn.State == ConnectionState.Open)
objConn.Close();

File.Delete(_excelUploadPath);
}

--
```

Thanks,

CGW

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"Marina Levit [MVP]" wrote:

You are telling me that you have a web application that uses server side code to get files sitting on the client computer of the person browsing to your .aspx page using the classes in the System.IO namespace?

In this case, I would love to see some sample code that can do this.

"CGW"

<CGW@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:9DAB9A62-2D12-420A-8012-791A0D8988D7@xxxxxxxxxxxxxxxxxxxx](mailto:news:9DAB9A62-2D12-420A-8012-791A0D8988D7@xxxxxxxxxxxxxxxxxxxx)

We already bring back files from the client to load into SQL using filestreams and streamwriters. Maybe we both need to read up.

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Thanks,

CGW

"Marina Levit [MVP]"

wrote:

When you are on the server, you cannot access the client's machine. The server returns a bunch of HTML and script to the

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clientn (all text), the client's browser then renders it all. All the server can ever do is send that HTML and script in plain text, and then it's up to the client to render the page.

Now, scripts will not have the necessary security rights to access files directly on the client's machine – this would be a major security hole.

There are ActiveX controls, etc, you can write and have the client install, but it involves the user installing it and giving it the rights

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it  
needs  
to  
access the  
client  
machine.

I  
recommend  
you read up  
on how web  
servers  
work, how  
what they  
do  
interacts  
with the  
client, etc.

"CGW"

<CGW@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in  
message

[news:27A29AC0-2250-448B-A7E4-EF1D5006136F@xxxxxxxxxxx](mailto:news:27A29AC0-2250-448B-A7E4-EF1D5006136F@xxxxxxxxxxx)

I  
asked  
the  
question  
yesterday,  
but  
know  
better  
how  
to  
ask  
it,  
today:

I'm  
trying  
to  
use  
the  
File.Copy  
method  
to  
copy  
a  
file  
from

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a  
client  
to  
server  
(.Net  
web  
app  
under  
IIS  
[IUSR  
account]).  
It  
looks  
to  
me  
that  
when  
I  
give  
a  
path  
like  
@"C:\holdfiles\myfile.txt"  
it  
looks  
on  
the  
server  
C  
drive.  
How  
do  
I  
pull  
from  
the  
client?  
Do  
I  
need  
a  
different  
class  
and/or  
method?  
Filestream?  
--  
Thanks,  
  
CGW

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