Get full path of a file with FileUpload Control

Ask Question



I am working on a web application which uses the FileUpload control. I have an xls file in the full filepath

41 'C:\Mailid.xls' that I am attempting to upload.



When I use the command



FileUpload1.PostedFile.FileName

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I cannot get the full filepath from my system. However, when I use the above command in another system it works fine.

I also tried the following commands with no success:

```
System.IO.Path.GetFullPath(FileUpload1.PostedFile.FileName);
Path.GetFileName(FileUpload1.PostedFile.FileName);
System.IO.Path.GetDirectoryName(FileUpload1.PostedFile.FileName).ToString();
Convert.ToString(System.IO.Directory.GetParent(FileUpload1.PostedFile.FileName));
```

How can I get full path?

asp.net file-upload

edited Nov 21 '09 at 23:19



asked Jul 15 '09 at 10:19

C 1 1 1

In what language are you workin? What exactly you need to do, and how? I ddidnt understand the question. – Strae Jul 15 '09 at 10:22

You need to provide more information (edit your post). Language, platform what your error message are. And please format your code using the editors code button. – Nifle Jul 15 '09 at 10:26

18 Answers



Try

6 Server.MapPath(FileUpload1.FileName);



Edit: This answer describes how to get the path to a file on the server. It does not describe how to get the path to a file on the client, which is what the question asked. The answer to that question is "you can't", because modern browser will not tell you the path on the client, for security reasons.

edited Jul 23 '14 at 23:02



2,624 1 11 30

answered Jun 19 '10 at 19:53



Abdul Wahhab

17 This wont work. Assuming the application root is C:\MySource\MyProject\ then Server.MapPath("Mailid.xls") will give you C:\MySource\MyProject\Mailid.xls instead of C:\Mailid.xls as the question said was needed. – daniloquio Sep 6 '11 at 18:20

- Sorry, this doesn't actually address the original issue. Walden Leverich Jan 17 '13 at 18:02
- It is wrong answer. Server.MapPath() return application virtual directory path. Ganesha Dec 5 '13 at 17:03
- 1 This is wrong answer why it has up votes down vote it MohammadMMohammad Apr 18 '14 at 8:52



29

It's *currently* true that "when you upload a file the browser will only send the source filename and not the full path" - it makes perfect sense that the server has no business knowing whether the file was in "C:\WINDOWS\" or "F:\SOMEDIR\OTHERDIR\PERSONALINFO\". The filename is always sent, and is useful both to help the user 'recognise' the content and possibly to interrogate the file extension to help determine the file type.

However I know from experience that Internet Explorer definitely *used to* (in older versions) send the entire path. It's difficult to find an authoritative confirmation (except this apache fileupload control doco)

Internet Explorer provides the entire path to the uploaded file and not just the base file name

Regardless, you should not use nor expect the full path to be sent by any 'modern' browser.

answered Jul 15 '09 at 11:13



Conceptdev

3,121 1 17 22

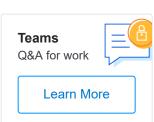
PUBLIC



Tags

Users

Jobs



times just the filename. It depends on how old the client browser is. In any case you should ALWAYS wrap Path.GetFileName(fileUpload.FileName) in order to guarantee it's definitely the filename you;re dealing with and NOT the path. (Path utility class is in System.IO namespace). – Sunday Ironfoot Mar 12 '10 at 10:46

6 Internet Explorer 8 has been fixed to only provide the filename in the Internet zone, but in the Local Intranet zone, it still sends the full path. +1 to @Sunday Ironfoot for the Path.GetFileName suggestion. – Richard Fawcett May 17 '11 at 14:01

thanks @conceptdev for the IE info! – Thousand Jun 14 '17 at 13:48



Perhaps you misunderstand the way FileUpload works.

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When you upload a file, it is effectively being transferred from the client's computer to the server hosting your application. If you're developing the application, most times, both client and server are the same machine (your computer). Once the application is deployed however, there could be any number of clients connecting to the

server, each uploading a different file.

Knowing the full path of the file on the client's computer usually isn't necessary - you'll often want to do something with the file contents. Your examples seem like ASP.NET C#, so I'm guessing you're using the FileUpload control. You can get at the uploaded file's contents by reading the raw stream (FileUpload.PostedFile.InputStream) or by saving the file first (FileUpload.PostedFile.SaveAs), then accessing the saved file. It's your responsibility to save the file, if you want it to be accessible after the current request - if you don't, ASP.NET deletes it.

On a manual thin and along the form at the contition of the continue of the co

client's browser won't send the file, and you'll spend quite a few minutes wondering what went wrong.

answered Jul 15 '09 at 10:55



elo80ka

am developing an web application. I am using file upload control to browse files. It was working fine. Today I installed IE 8 After the installation I unable to get the full path of the file what could be the problem Event I uninstalled IE 8. Currently I am using IE 7. - Dhanraj Jul 15 '09 at 11:07

- this worked for me: FileUpload.PostedFile.FileName thanks elo80ka - Somebody Nov 3 '12 at 23:18
- That was it. Forgot the basic functionality of that control. Stanton May 2 '14 at 22:52

This is how the control works .. this should be marked as the correct answer. - AltF4 Jun 20 '18 at 10:04



As of IE8, the full path is no longer sent to sites in the Internet Zone.





See the "File Upload Control" section at the end of this post: http://blogs.msdn.com/ie/archive/2008/07/02/ie8security-part-v-comprehensive-protection.aspx for discussion.

answered Oct 28 '09 at 20:14



51k 5 123 170

FileUpload will never give you the full path for security

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answered Jul 15 '09 at 10:27



waqasahmed **2.173** 4 22 43

hi thanks for u r reply. But that command showing the full path in another system. how it's possible. — Dhanraj Jul 15 '09 at 10:42

Using the fileUpload, you cannot get the full path of the client machine of the file. No way. The FileUpload is able to handle uploading the file, and you don't need to worry about the path. You may have got the full path of a file via other means (e.g System.IO.Path or MapPath or something else). But I doubt you used FileUpload to get the full path. — waqasahmed Jul 15 '09 at 11:53



Convert.ToString(FileUpload1.PostedFile.FileName);





edited Jun 21 '11 at 12:53



DarthJDG

15.5k 11 43 53

answered Jun 21 '11 at 4:51



Santosh Lodhi

89 1 2



IE 7 and previous versions sent the full path of the uploaded file to the server related to the <code>input type="file"</code> field. Firefox and other modern browsers consider this to be a security flaw and do not. However, this appears to be have been fixed in IE 8.



think it is really superfluous information that should never be posted at all. All you should be concerned with the is the file name so that you can save the file without making changes to the name.

answered Jul 15 '09 at 11:30



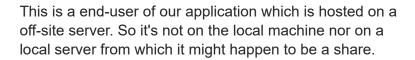
Cerebrus



Just to give my 2 cents.



At this moment I also DO get the full user's local path. It's only from 1 machine that I can replicate this issue, but it really does give the full path of the file at the machine of the user.



You can resolve the issue, at least to have the same behaviour all the time by this:

Path.GetFileName(fileUpload.FileName)

Btw, just found this article which states it can happen too: http://www.eggheadcafe.com/community/aspnet/17/10092 650/fileupload-control-pro.aspx

Just to confirm the issue.

answered Oct 7 '09 at 8:15





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I had sort of the opposite issue as the original poster: I was getting the full path when I only wanted the filename. I used Gabriël's solution to get just the filename, but in the process I discovered why you get the full path on some machines and not others.

Any computer joined to domain will give you back the full path for the filename. I tried this on several different computers with consistent results. I don't have an explanation for why, but at least in my testing it was consistent.

answered Oct 28 '09 at 20:10







This dumps the file in your temp folder with file name, then after that you can call it and not worry about it. Because it will get deleted if it is in your temp folder for an amount of days.



edited Apr 20 '14 at 14:04



answered Sep 26 '13 at 17:19



Consider adding an evaluation to go along with a code



Check this:

2

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="F:</pre> Inherits="FileUp" %> <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional/,</pre> "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> <html xmlns="http://www.w3.org/1999/xhtml"> <head runat="server"> <title></title> </head> <body> <form id="form1" runat="server"> <div> <asp:Label ID="Label1" runat="server"></asp:Label> <asp:FileUpload ID="FileUpload1" runat="server" /><|</pre> <asp:Button ID="Button1" runat="server" Text="Uplo"</pre> </div> </form> </body> </html>

Code:

```
Partial Class FileUp
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(ByVal sender As Object, By'
Handles Button1.Click
    Dim path As String
    Dim path1 As String
    path = Server.MapPath("~/")
    FileUpload1.SaveAs(path + FileUpload1.FileName)
    path1 = path + FileUpload1.FileName
    Label1.Text = path1
    Response.Write("File Uploaded successfully")
End Sub
End Class
```



15.5k 11 43 53

answered Jan 29 '11 at 7:13





I'm using IE 8 (on two separate machines). Each still uploads the full local file path. As suggested by Gabriël, Path.GetFileName(fileUploadControl.PostedFile.FileName) appears to be the only way to ensure that you only get the filename.

answered Aug 17 '10 at 14:15



Greg



Check this post under FileUpload Control





Additionally, the "Include local directory path when uploading files" URLAction has been set to "Disable" for the Internet Zone. This change prevents leakage of potentially sensitive local file-system information to the Internet. For instance, rather than submitting the full path C:\users\ericlaw\documents\secret\image.png, Internet Explorer 8 will now submit only the filename image.png.

Its an option under Internet security that can be enabled

answered Feb 11 '11 at 18:14



usero 13405



dim path as string = FileUpload1.PostedFile.FileName

By the way, I am using Visual Studio 2010. I don't know if there is a difference with the other version.

edited Oct 20 '12 at 20:20



J. Steen

10.3k 12 49 61

answered Jun 19 '12 at 17:36



GKL



This will not problem if we use IE browser. This is for other browsers, save file on another location and use that path.

1

```
if (FileUpload1.HasFile)
```



string fileName = FileUpload1.PostedFile.FileName;

string TempfileLocation = @"D:\uploadfiles\";

string FullPath =

System.IO.Path.Combine(TempfileLocation, fileName);

FileUpload1.SaveAs(FullPath);

Response.Write(FullPath);

}

Thank you



499 5 5



You can't get full path of a file at client's machine. Your code might work at localhost because your client and the server is the same machine and the file is at the root directory. But if you run it on a remote machine you will get an exception.

answered Jul 15 '09 at 11:02



Canava

41.3k 17 77 114

am developing an web application. I am using file upload control to browse files. It was working fine. Today I installed IE 8 After the installation I unable to get the full path of the file what could be the problem Event I uninstalled IE 8. Currently I am using IE 7. — Dhanraj Jul 15 '09 at 11:16



On Internet Explorer Options, on security tab click on custom security button, there have an option to send the local path when loading some file to server.



Disabled as default. Just enable it.

answered Mar 9 '12 at 20:51



Alisson Vieira



Path.GetFullPath(fileUpload.PostedFile.FileName);

0

Sorry this 'll get your program file directory + your file

edited Jun 19 '12 at 17:44



Fahim Parkar 20.8k 34 135 241

answered Nov 8 '11 at 17:26



Zeeshan Anjum

protected by Community • Nov 16 '15 at 9:57

Thank you for your interest in this question. Because it has attracted low-quality or spam answers that had to be removed, posting an answer now requires 10 reputation on this site (the association bonus does not count).

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