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How do I get the root directory of my ASP.NET server application?

Ask Question



In the start-up code (ie no request) of my ASP.NET application I need to get the path to the root of my app. I need this to open a file I have in a folder off the root directory.



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How can I get this?



asp.net

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asked Jul 16 '13 at 17:08



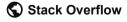
David Thielen

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4 Answers

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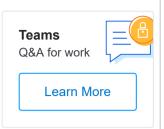
Server.MapPath("~");

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Will get you the root directory of the current application, as a path on the disk. E.g., c:\inetpub\...



Note that the ~ character can be used as part of web paths in ASP.NET controls as well, it'll fill in the URL to your application.



If your class doesn't have Server property, you can use static

HttpContext.Current.Server.MapPath("~")

edited Mar 23 '17 at 5:33



answered Jul 16 '13 at 17:12





<u>HttpRuntime.AppDomainAppPath</u> is useful if you don't have a HttpContext available.

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For example, a low-level library method to get a path relative to the current application, and it has to work whether it is a web app or not:

private static string GetDataFilePath() => HttpRuntime.AppDomainAppV:
Path.Combine(HttpRuntime.AppDomainAppPath, "App_Data") :
Path.GetDirectoryName(Assembly.GetExecutingAssembly().Location);

edited Jun 22 '18 at 9:30

answered Jul 16 '13 at 17:13



- This is very useful when you cannot use HttpContext to get the Server object Sam Nov 12 '15 at 15:48
- This method returned what I was looking for: The root URL of my

application running in IIS. Server.MapPath returns a file directory. – Chris - Haddox Technologies Jan 10 '18 at 15:47



Another possibility is AppDomain.CurrentDomain.BaseDirectory



Some additional ways: Different ways of getting Path



answered Aug 24 '17 at 9:02



Christoph Wissing





You can get this from Server.MapPath method.



Here is the MSDN Link: http://msdn.microsoft.com/en-us/library/ms524632(v=vs.90).aspx



answered Jul 16 '13 at 17:15



TK1

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