

RE: System.ArgumentException: Illegal characters in path

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- *From:* Holysmoke <Holysmoke@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 4 Feb 2007 05:05:02 -0800
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Hi Toco,

Thanks for the reply. But I don't use any xml string at all in my web service. It simply web services with WSE enabled to pass DIME attachments. If I try to restore the file name from the following code

```
Dim oFile As Microsoft.Web.Services2.Dime.DimeAttachment  
= CType(oAttach, Microsoft.Web.Services2.Dime.DimeAttachment)
```

the caller passes the name of the file as 1st parameter from the dimeattachment constructor. It is a default data type string and I wonder it cannot accept latin character since string accepts all utf-8 characters.

Is there anything still in web.config to be configured or is it a bug?

TIA,
Holy
"Toco" wrote:

Holy...probably the web service doesn't recognize the latin characters. This KB article can shed some light on the subject

The information in this article applies to:

Microsoft Internet Explorer (Programming) 5
Microsoft Internet Explorer (Programming) 5.5
Microsoft XML 3.0
Microsoft XML 3.0 SP1
Microsoft XML 4.0

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SYMPTOMS
When parsing XML that contains "special characters" using the Microsoft XML

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parser (MSXML), the parser may report the following error message at the line and position of the first special character:

An Invalid character was found in text content.

CAUSE

The XML document is not marked with the proper character encoding scheme.

RESOLUTION

Specify the proper encoding scheme in the XML processing instruction.

– or –

Re-encode the XML data as proper UTF-8.

STATUS

This behavior is by design.

MORE INFORMATION

"Special character" refers to any character outside the standard ASCII character set range of 0x00 – 0x7F, such as Latin characters with accents, umlauts, or other diacritics. The default encoding scheme for XML documents is UTF-8, which encodes ASCII characters with a value of 0x80 or higher differently than other standard encoding schemes.

Most often, you see this problem if you are working with data that uses the simple "iso-8859-1" encoding scheme. In this case, the quickest solution is usually the first listed prior in the RESOLUTION section. For example, use the following XML declaration:

```
<?xml version="1.0" encoding="iso-8859-1" ?>  
<rootelement>  
...XML data...  
</rootelement>
```

Alternatively, you can encode each of those characters using the numeric entity reference. For example, you can take the special character á, use <test>á</test> (decimal version) or <test> á</test> (hex version).

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Technology: kbAudDeveloper kbIEsearch kbMSXML300 kbMSXML300Search kbMSXML300SP1 kbMSXML400 kbMSXML400Search kbMSXMLSearch kbSDKIE500 kbSDKIE550 kbSDKIESearch kbZNotKeyword

"Holysmoke" wrote:

Hi there,

I am having a problem in my webservice method when trying to save a file with latin characters to disk passed through WSE.

I have noticed that when trying to read the file name from all the latin characters are converted ? character which is a illegal character for file

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name.

If my file name is N° documento per Romà

```
Dim oFile As Microsoft.Web.Services2.Dime.DimeAttachment  
= CType(oAttach, Microsoft.Web.Services2.Dime.DimeAttachment)  
tmpFileName = oFile.Id
```

tmpFileName contains the string with N? documento per Rom? which
becomes the
illegal file name and the code cannot save to disk.

I have tried in web.config,
<globalization requestEncoding="utf-8" responseEncoding="utf-8"
fileEncoding="utf-8"/>

but don't work. Can someone shed some light on this?

TIA,
Holy