

Re: Xml validation exception only occurs outside debugger – VS 200

Source: <http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.xml/2006-04/msg00254.html>

- *From:* Chris Stiefeling <ChrisStiefeling@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 28 Apr 2006 09:03:02 -0700
-

Thanks for your reply -- I almost missed it until I went searching on Google for the same problem again.

I'm able to reproduce the problem on any Xml file (even ones produced by MSFT programs). Looks like the source is actually a null reference in the regex classes.

I can also send along my exe if it is helpful.

Here's the stack trace:

```
Unhandled Exception: System.TypeInitializationException: The type
initializer fo
r "System.Xml.Schema.Validator" threw an exception. ---->
System.TypeInitializati
onException: The type initializer for
"System.Xml.Schema.DatatypeImplementation"
threw an exception. ----> System.TypeInitializationException: The type
initializ
er for "System.Xml.Schema.Datatype_language" threw an exception. ---->
System.Type
eInitializationException: The type initializer for
"System.Text.RegularExpressions
ns.RegexCharClass" threw an exception. ----> System.NullReferenceException:
Objec
t reference not set to an instance of an object.
at System.Text.RegularExpressions.RegexCharClass..ctor()
---- End of inner exception stack trace ----
at System.Text.RegularExpressions.RegexCharClass..ctor()
at System.Text.RegularExpressions.RegexParser.ScanCharClass(Boolean
caseInsen
sitive, Boolean scanOnly)
at System.Text.RegularExpressions.RegexParser.ScanRegex()
at System.Text.RegularExpressions.RegexParser.Parse(String re,
RegexOptions o
p)
at System.Text.RegularExpressions.Regex..ctor(String pattern,
RegexOptions op
```

```
tions)
at System.Xml.Schema.Datatype_language..ctor()
--- End of inner exception stack trace ---
at System.Xml.Schema.Datatype_language..ctor()
at System.Xml.Schema.DatatypeImplementation..ctor()
--- End of inner exception stack trace ---
at
System.Xml.Schema.XmlSchemaDatatype.FromXmlTokenizedType(XmlTokenizedType
token)
at System.Xml.Schema.Validator..ctor()
--- End of inner exception stack trace ---
at System.Xml.Schema.Validator..ctor(XmlNameTable nameTable,
XmlValidatingRea
der reader)
at System.Xml.XmlValidatingReader..ctor(XmlReader reader)
at System.Xml.XmlDocument.CreateValidatingReader(XmlTextReader tr)
at System.Xml.XmlDocument.LoadXml(String xml)
at Test.XmlProblem.ReadXMLFile()
at Test.XmlProblem.Main(String[] args)
```

Thanks for your help.

Chris

"Amol Kher [MSFT]" wrote:

Chris,

I tried to repro your issue, but I couldnt. I copied your code, compiled it and ran it on 1.1 with XP SP2, outside of vc# 2003.

Could you attach the entire stack trace and message for the exception? Dont catch the exception and let it show up on the screen.

Thanks,
Amol

"Chris Stiefeling" <ChrisStiefeling@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:0CFA31CE-609F-4C12-B0FA-E2577C95B5A9@xxxxxxxxxxxxxxxxxxxx

Hi,

I am experiencing a strange problem. I am reading and writing xml files via XmlDocument and XmlTextWriter. In the debugger everything works fine but outside the debugger (debug or release) I receive the following error:
"The type initializer for "System.Xml.Schema.Validator" threw an exception."

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I wrote a small console app that contains the problem — I've just attached the default class which gets run. Output outside the debugger is as follows

```
-----  
Creating xml file  
Reading xml file  
Error reading xml file  
The type initializer for "System.Xml.Schema.Validator" threw an exception.
```

```
Press a key to exit  
-----
```

I know that this code worked at some point in time and I do not get the error message when running debug or release from the debugger. Running WinXP SP2 and Visual Studio .Net 2003 (C#). Please feel free to correct me if I am doing something incorrectly or let me know if it runs error free for you.

Thanks in advance,
Chris

```
<snip>  
using System;  
using System.IO;  
using System.Xml;  
  
namespace Test  
{  
    /// <summary>  
    /// Summary description for Class1.  
    /// </summary>  
    class XmlProblem  
    {  
        private static string m_sXmlFile = @"C:\temp\test.xml";  
  
        /// <summary>  
        /// The main entry point for the application.  
        /// </summary>  
        [STAThread]  
        static void Main(string[] args)  
        {  
            //  
            // TODO: Add code to start application here  
            //  
  
            CreateXMLFile();
```

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```
ReadXMLFile();
Console.WriteLine("");
Console.WriteLine("Press a key to exit");
Console.ReadLine();
}

static void CreateXMLFile()
{
    StreamWriter sw = null;

    try
    {
        Console.WriteLine("Creating xml file");

        sw = new StreamWriter(m_sXmlFile, false);
        XmlTextWriter xWriter = new XmlTextWriter(sw);
        xWriter.Formatting = Formatting.Indented;
        xWriter.Indentation = 3;
        xWriter.WriteStartDocument();
        xWriter.WriteStartElement("ApplicationSettings");
        xWriter.WriteEndElement(); // AppSettings
        xWriter.WriteEndDocument();
        xWriter.Flush();
        xWriter.Close();
    }
    catch(Exception ex)
    {
        Console.WriteLine("Error creating xml file " + ex.Message);
    }

    if (sw != null)
        sw.Close();
}

static void ReadXMLFile()
{
    StreamReader sr = null;

    try
    {
        Console.WriteLine("Reading xml file");

        sr = new StreamReader(m_sXmlFile);
        string sFileContents = sr.ReadToEnd();

        XmlDocument xDoc = new XmlDocument();
        xDoc.LoadXml(sFileContents);
    }
    catch(Exception ex)
    {
        Console.WriteLine("Error reading xml file");
    }
}
```

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```
Console.WriteLine(ex.Message);  
}
```

```
if (sr != null)  
sr.Close();  
}
```

```
}  
}
```

```
</snip>
```