

There was an error generating the XML document. --> Object reference not set to an instance of an object

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Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet.webservices/2005-12/msg000>

- *From:* fraser.elder@xxxxxxxxxx
 - *Date:* 1 Dec 2005 09:05:52 -0800
-

I've written a web service that returns an xml document with some information about documents in a Sharepoint Server, however when I try to consume the web service I get this error:

Server was unable to process request. --> There was an error generating the XML document. --> Object reference not set to an instance of an object.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Exception Details: System.Web.Services.Protocols.SoapException: Server was unable to process request. --> There was an error generating the XML document. --> Object reference not set to an instance of an object.

Source Error:

Line 35:

```
[System.Web.Services.Protocols.SoapDocumentMethodAttribute("http://tempuri.org/GetFolder, RequestNamespace="http://tempuri.org/, ResponseNamespace="http://tempuri.org/, Use=System.Web.Services.Description.SoapBindingUse.Literal, ParameterStyle=System.Web.Services.Protocols.SoapParameterStyle.Wrapped)]  
Line 36: public System.Xml.XmlNode GetFolder(string strSite,  
string guidWebID, string strURL) {  
Line 37: object[] results = this.Invoke("GetFolder", new  
object[] {  
Line 38: strSite,  
Line 39: guidWebID,
```

Source File: c:\inetpub\wwwroot\SPInterface\Web
References\SPFileInfo\Reference.cs Line: 37

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My webmethod looks like this:

[WebMethod]

public XmlDocument GetFolder(string strSite, string guidWebID, string strURL)

{

StreamWriter sw = new
StreamWriter("C:\\inetpub\\wwwroot\\SPIInterface\\LogFile.txt",true);

Guid guidWebID2 = new Guid(guidWebID);

XmlDocument xml = new XmlDocument();

//Find the Sharepoint site

SPSite site = new SPSite(strSite);

//Find the WebID on the Sharepoint site

SPWeb web = site.OpenWeb(guidWebID2);

//Find the folder we need

SPFolder folder = web.GetFolder(strURL);

if (folder.Exists)

{

//Get all the files in the folder

SPFileCollection fileCollection = folder.Files;

foreach (SPFile file in fileCollection)

{

sw.WriteLine("Adding details to array!");

sw.WriteLine("Time : " + DateTime.Now.ToLongTimeString());

sw.WriteLine("Created new document!");

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```
sw.WriteLine("Time : " + DateTime.Now.ToLongTimeString());
```

```
XmlElement fileInfo = xml.CreateElement("FileInfo");
```

```
sw.WriteLine("Created new element!");
```

```
sw.WriteLine("Time : " + DateTime.Now.ToLongTimeString());
```

```
fileInfo.SetAttribute("Name", file.Name.ToString());
```

```
fileInfo.SetAttribute("FileURL", file.Url.ToString());
```

```
fileInfo.SetAttribute("Site", strSite.ToString());
```

```
fileInfo.SetAttribute("LastMod", file.TimeLastModified.ToString());
```

```
fileInfo.SetAttribute("URL", strURL.ToString());
```

```
sw.WriteLine("Adding attributes to element!");
```

```
sw.WriteLine("Time : " + DateTime.Now.ToLongTimeString());
```

```
}
```

```
sw.Flush();
```

```
sw.Close();
```

```
return xml;
```

```
}
```

After I've added the attributes to the element do I need to do anything else to the XML document?

My web service runs successfully (I know because it writes to the logfile at each step above).

I'm consuming the web service by doing this:

```
SPFileInfo.SPFileInfo fileInfo = new SPFileInfo.SPFileInfo();
```

```
fileInfo.Credentials = System.Net.CredentialCache.DefaultCredentials;
```

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fileInfo.Url = strWSURL;

XmlNode node = fileInfo.GetFolder(strSite, guidWebID, strURL);

Am I missing anything obvious here? (This is my first go at a sharepoint interface and web services for that matter!)

Any help is greatly appreciated!

Cheers,

Fraser

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- **Follow-Ups:**
 - ◆ **Re: There was an error generating the XML document. --> Object reference not set to an instance of an object**
 - ◇ From: Peter Kelcey
 - **Prev by Date: Re: SOAPHeader element – not a complex type ???**
 - **Next by Date: Re: The thread '<No Name>' (0xdc0) has exited with code 0 (0x0).**
 - **Previous by thread: Problem to access the SOAP Header data**
 - **Next by thread: Re: There was an error generating the XML document. --> Object reference not set to an instance of an object**
 - **Index(es):**
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