

Re: Dataset returning Null ..a guru's opinion required!

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- *From:* "Patrice" <<http://www.chez.com/scribe/>>
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How is estateOleAdapter initialized ?

My guess is that this is Nothing so you have a null reference exception when you call this web method...

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Patrice

"Nab" <Nab@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> a écrit dans le message de groupe de discussion : 449A6931-B77A-474D-B7F2-5659D0641B2F@xxxxxxxxxxxxxxxxxxxx

I hope someone could shed some light on this issue. Is this relating to some "bug" in Visual Basic 2008 or am I doing something wrong here? I have established a connection to a Microsoft Access database using the GUI e.g. dragging the OleDbConnection icon on the toolbox to the design area to establish the connection (i.e. not in code). This process creates a connection object and an OleDbAdapter object (which I named estateOleAdapter as you can see in my web service's code):

```
<WebMethod()> _
Public Function GetEstateAgents() As DataSet
Dim estateDataset As DataSet = New DataSet
estateOleAdapter.Fill(estateDataset, "EstateAgents")
Return estateDataset
estateOleConnection.Close()
End Function
```

I also tried to establish the connection and adapter in code but continue to have the same problem.

Whenever I try to consume this service (using a web or even a windows application this exception comes up):

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```
System.ServiceModel.FaultException was unhandled by user code
Message="System.Web.Services.Protocols.SoapException: Server was unable
to
process request. ---> System.NullReferenceException: Object reference not
set
to an instance of an object. at
WebServiceLiverpoolUKEstateAgents.Service1.GetEstateAgents() in
C:\Hope\modules i teach\web services\handout
exercises\chapter5\WebServiceLiverpoolUKEstateAgents\WebServiceLiverpoolUKEstateAgents\LiverpoolU
29 ---- End of inner exception stack trace ----"
Source="mscorlib"
StackTrace:
Server stack trace: at
System.ServiceModel.Channels.ServiceChannel.HandleReply(ProxyOperationRuntime
operation, ProxyRpc& rpc) at
System.ServiceModel.Channels.ServiceChannel.Call(String action, Boolean
oneway, ProxyOperationRuntime operation, Object[] ins, Object[] outs,
TimeSpan timeout) at
System.ServiceModel.Channels.ServiceChannel.Call(String action, Boolean
oneway, ProxyOperationRuntime operation, Object[] ins, Object[] outs)
at
System.ServiceModel.Channels.ServiceChannelProxy.InvokeService(IMethodCallMessage
methodCall, ProxyOperationRuntime operation) at
System.ServiceModel.Channels.ServiceChannelProxy.Invoke(IMessage message)
Exception rethrown at [0]: at
System.Runtime.Remoting.Proxies.RealProxy.HandleReturnMessage(IMessage
reqMsg, IMessage retMsg) at
System.Runtime.Remoting.Proxies.RealProxy.PrivateInvoke(MessageData&
msgData,
Int32 type) at
ClientLiverpoolUKEstateAgents.WebServiceLiverpoolUKEstateAgents.Service1Soap.GetEstateAgents()
at
ClientLiverpoolUKEstateAgents.WebServiceLiverpoolUKEstateAgents.Service1SoapClient.GetEstateAgents()
in C:\Hope\modules i teach\web services\handout
exercises\chapter5\ClientLiverpoolUKEstateAgents\ClientLiverpoolUKEstateAgents\Service
References\WebServiceLiverpoolUKEstateAgents\Reference.vb:line 59 at
ClientLiverpoolUKEstateAgents._Default.form1_Load(Object sender, EventArgs
e)
in C:\Hope\modules i teach\web services\handout
exercises\chapter5\ClientLiverpoolUKEstateAgents\ClientLiverpoolUKEstateAgents\Default.aspx.vb:line
19 at System.Web.UI.Control.OnLoad(EventArgs e) at
System.Web.UI.Control.LoadRecursive() at
System.Web.UI.Control.LoadRecursive() at
System.Web.UI.Page.ProcessRequestMain(Boolean
includeStagesBeforeAsyncPoint,
Boolean includeStagesAfterAsyncPoint)
InnerException:
```

This is the code (inserted in a command's click procedure) that I used to consume the service:

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```
Dim eaService As New WebServiceLiverpoolUKEstateAgents.Service1SoapClient
```

```
'Supply the dataset to become the DataGrid's datasource  
'dgEstateAgents.DataSource = eaService.GetEstateAgents
```

```
dgEstateAgents.DataSource = eaService.GetEstateAgents
```

```
'Bind the data to the datagrid by transferring  
'it from the dataset to the datagrid
```

```
dgEstateAgents.DataBind()
```

The dgEstateAgents is the name of the datagrid which I created using the GUI. When adding a reference, I tried "Add Service Reference" and I also tried "Add Web Reference", neither worked.

To ensure that my web service is well connected to my Access database, I would sometimes click on the Data icon on the menu bar and select Preview Data and then click to populate the dataset. Sometimes this results in the display of the database's table. However, when I try to do same thing other times I get a window that says: "Value cannot be null. Parameter name: serviceProvider" which leads me to conclude that the dataset is empty. If I close that web service and relaunch it I don't get this "Value cannot be null. Parameter name: serviceProvider" error!!

In either case, my client application halts on this line  
dgEstateAgents.DataSource = eaService.GetEstateAgents  
every time I try to consume the service and throws the exception listed above.

The operation system I use is Vista (business edition).

When I used VS 2005 in the past I had no such errors and the web service was consumed without any problems. So, I am really clueless here!

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