

## Error message when opening a recordset with a stream containing xml

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I have a problem when trying to open a recordset with a stream including xml content.

The code line that triggers the error looks like this:

```
tempRecordsetClass.Open(xmlStream, tempRecordsetClass.Source,  
tempRecordsetClass.CursorType, tempRecordsetClass.LockType, (int)  
ADODB.CommandTypeEnum.adCmdUnspecified);
```

I get the following error message:

```
System.Runtime.InteropServices.COMException  
Message = [Microsoft][ODBC Driver Manager] Data source name not found and no  
default driver specified
```

I have also modified some of the parameters so it looks like this:

```
tempRecordsetClass.Open ((ADODB._Stream)xmlStream, noParam,  
ADODB.CursorTypeEnum.adOpenUnspecified, ADODB.LockTypeEnum.adLockUnspecified,  
(int)ADODB.CommandTypeEnum.adCmdUnspecified);
```

where noParam is a system object with the value  
"System.Reflection.Missing.Value"

But then I get another error message instead:

```
System.InvalidCastException  
Message = Unable to cast COM object of type 'System.__ComObject' to class  
type 'ADODB.RecordsetClass'. COM components that enter the CLR and do not  
support IProvideClassInfo or that do not have any interop assembly registered  
will be wrapped in the __ComObject type. Instances of this type cannot be  
cast to any other class; however they can be cast to interfaces as long as  
the underlying COM component supports QueryInterface calls for the IID of the  
interface.
```

Now I need your help, please.

The total content of the module is the following:

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```
public virtual Recordset toRecordset(Document doc, Recordset rsEmptyAI)
{
    System.String xml = null;
    Recordset rsNewAI = new Recordset();
    _Stream xmlStream = new Stream();
    System.Object noParam = new System.Object();
    noParam = System.Reflection.Missing.Value;
    System.String schemaText = null;

    ADODB.RecordsetClass rsUnmodifiedWFC = new ADODB.RecordsetClass();
    ADODB.RecordsetClass rsNewWFC = null;

    try
    {
        // save the empty recordset to a stream
        rsEmptyAI.Save(xmlStream, PersistFormatEnum.adPersistXML);
        schemaText = xmlStream.ReadText((int)StreamReadEnum.adReadAll);

        // get just to <rs:data>
        schemaText = schemaText.Substring(0,
            (schemaText.IndexOf(com.volvo.vtc.sprint.bussvc.assembly.copybtwfactories.xml.IElements.rs_data) - (0)));

        xml = XMLHelper.toXML(doc);

        // get from <rs:data> to end
        xml =
            xml.Substring(xml.IndexOf(com.volvo.vtc.sprint.bussvc.assembly.copybtwfactories.xml.IElements.rs_data),
                (xml.Length) -
                (xml.IndexOf(com.volvo.vtc.sprint.bussvc.assembly.copybtwfactories.xml.IElements.rs_data)));
        xml = schemaText + xml;

        // get a new stream
        xmlStream = new Stream();

        // open the stream
        xmlStream.Open(noParam, ADODB.ConnectModeEnum.adModeUnknown,
            ADODB.StreamOpenOptionsEnum.adOpenStreamUnspecified, null, null);

        // write to a stream
        xmlStream.WriteText(xml, ADODB.StreamWriteEnum.adWriteChar);
        xmlStream.Flush();

        // set cursor at the begining
        xmlStream.Position=0;

        ADODB.RecordsetClass tempRecordsetClass;
        tempRecordsetClass = rsUnmodifiedWFC;
        tempRecordsetClass.Open(xmlStream, tempRecordsetClass.Source,
            tempRecordsetClass.CursorType, tempRecordsetClass.LockType, (int)
            ADODB.CommandTypeEnum.adCmdUnspecified);
    }
}
```

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```
rsNewWFC = (ADODB.RecordsetClass)rsEmptyAI;

// copy the unmodified recordset to the empty, then it will be in status
new
this.copyRecordData(rsUnmodifiedWFC, rsNewWFC);

rsNewAI.Source =((System.Object) rsNewWFC.DataSource);
}
catch (System.Exception t)
{
throw SPServerErrorException.toServerErrorException(t);
}

return rsNewAI;
}
```

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