

# XLANGPart.LoadFrom(stream) failing – UnauthorizedAccessException

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*Source:*

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  - *Date:* Tue, 8 Aug 2006 12:19:05 +1000
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Hi,

I am trying to update an XLANGMessage in my custom component. I have an orchestration that receives message A.

In a construct shape (declared as constructing message B), message A is then assigned to message B, and message B is passed from a message assignment shape into my component as a parameter to a method.

My component then generates a PDF stream using Crystal Reports, and then attempts to load the XLANGMessage's 1st data part with the stream generated by Crystal. This is causing an error (details at bottom of post).

The error indicates that the GetBuffer method is causing the error. I have tried wrapping the memory stream in a BufferedStream, but this causes another exception altogether indicating the Load method is expecting a MemoryStream to load from.

Does anyone have any ideas what I am doing wrong? Is there any other way to load the stream into the part's data?

Details of code are:

```
// Create a crystal report object
ReportDocument report = new ReportDocument();
/// Load report here and bind to data...
// Export report to stream. Actual stream generated by Crystal is a
MemoryStream
Stream reportStream =
report.ExportToStream(ExportFormatType.PortableDocFormat);
// Stream now has data.
// Load data into XLANGMessage part. THIS CAUSES EXCEPTION...
dataMessage[0].LoadFrom(reportStream);
```

ERROR DETAILS:

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Exception thrown from: segment 1, progress 8  
Inner exception: MemoryStream's internal buffer cannot be accessed.

Exception type: UnauthorizedAccessException  
Source: mscorlib

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Target Site: Byte[] GetBuffer()

The following is a stack trace that identifies the location where the exception occurred

```
at System.IO.MemoryStream.GetBuffer()
at Microsoft.XLANGs.Core.Value..ctor(Stream s)
at Microsoft.XLANGs.Core.Part.GenericLoadFrom(Object source)
at Microsoft.XLANGs.Core.XSDPart.ProtectedLoadFrom(Object source)
at Microsoft.XLANGs.Core.Part.LoadFrom(Object source)
at Microsoft.XLANGs.Core.PartWrapperForUserCode.LoadFrom(Object source)
at
Bryn.BabelTower.BizTalk.Core.Components.ReportGenerator.GenerateReport(XLANGMessage
dataMessage, String reportPath)
at
Bryn.BabelTower.BizTalk.Core.Orchestrations.ReportGenerator.segment1(StopConditions
stopOn)
at Microsoft.XLANGs.Core.SegmentScheduler.RunASegment(Segment s,
StopConditions stopCond, Exception& exp)
```