

Re: How is it possible ...

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2006-02/msg03053.html>

- *From:* "AMDRIT" <amdrit@xxxxxxxxxxxx>
 - *Date:* Thu, 23 Feb 2006 10:18:16 -0600
-

I challenge you to consider what is going on and ask why would that type of exception occur.

It appears that in your Page_Unload() you are attempting to do clean up.

```
Private Sub Page_Unload(ByVal sender As Object, ByVal e As
System.EventArgs) Handles MyBase.Unload
Dim myExportFile As String = CType(Session.Item("exportbestand"),
String)
System.IO.File.Delete(myExportFile)
End Sub
```

The problem is that the Session item "exportbestand" appears to be string.empty. Perhaps, the value was never properly set.

The only place I see that you are setting the Session item is in page_init()

```
Session("exportbestand") = CType _
(myExportOptions.DestinationOptions,
CrystalDecisions.Shared.DiskFileDestinationOptions).DiskFileName
```

You should test to see if DiskFileName has value, and if not, then work backwards to where it is set to determine if a value is being set there.

Next, consider why the page_unload is firing without first displaying your report.

try something like this in you error handling routine:

```
Try
PrepareReport(myReport)
Catch ex As Exception
dim innerEx as Exception, sb as system.text.stringbuilder
sb = new system.text.stringbuilder

sb.append(ex.toString)
```

Re: How is it possible ...

```
innerEx = ex.innerexception
```

```
do while not innerEx is nothing  
sb.append(vbCrLf)  
sb.append(innerEx.ToString)  
innerEx = innerEx.innerexception  
loop
```

```
response.write(sb.ToString)  
response.end
```

```
'exc = New ApplicationException("Unable to prepare report.", ex)  
'Throw exc  
End Try
```

"Alison Givens" <info@xxxxxxxxxxxx> wrote in message
news:O0G6XiFOGHA.3576@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Yepper, the web.config is case sensitive.

That solves that problem.

Next problem:

When I give in the parameters and go to the form that holds the report I
get this:

Value cannot be null. Parameter name: path

Description: An unhandled exception occurred during the execution of the
current web request.

Exception Details: System.ArgumentNullException: Value cannot be null.

Parameter name: path

Source Error:

Line 84: Dim myExportFile As String =

CType(Session.Item("exportbestand"), String)

Line 85:

Line 86: System.IO.File.Delete(myExportFile)

Line 87: End Sub

Line 88:

I commented it, so I could at least try to go further.

Then when the form with the report loads, I get:

Unable to prepare report.

This comes out of this error handling:

```
Try
```

```
PrepareReport(myReport)
```

```
Catch ex As Exception
```

```
Dim exc As ApplicationException
```

Re: How is it possible ...

Re: How is it possible ...

```
exc = New ApplicationException("Unable to prepare report.", ex)
Throw exc
End Try
```

To be accurate I will put the entire current code here:

```
Private Enum FileNameFormats
SessionID = 0
GUIDDashes = 1
GUIDNoDashes = 2
End Enum
```

```
Private Sub Page_Init(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Init
'CODEGEN: This method call is required by the Web Form Designer
'Do not modify it using the code editor.
InitializeComponent()
Dim myReport As RapportAIRCOSToringen
Dim myExportOptions As CrystalDecisions.Shared.ExportOptions
```

```
Try
```

```
Try
PrepareReport(myReport)
Catch ex As Exception
Dim exc As System.ApplicationException
exc = New System.ApplicationException("Unable to prepare
report.", ex)
Throw exc
End Try
```

```
Try
'exporteren to pdf
myExportOptions =
GetExportOptions(FileNameFormats.GUIDNoDashes, CType(myReport,
CrystalDecisions.CrystalReports.Engine.ReportDocument).ExportOptions)
myReport.Export()
```

```
Catch ex As Exception
Dim exc As ApplicationException
exc = New ApplicationException("Unable to export report.",
ex)
Throw exc
End Try
```

```
crViewer.ReportSource = myReport
```

```
Session("exportbestand") =
```

Re: How is it possible ...

```
CType(myExportOptions.DestinationOptions,  
CrystalDecisions.Shared.DiskFileDestinationOptions).DiskFileName
```

```
Catch err As Exception  
Response.Write("<BR>")  
Response.Write(err.Message.ToString)  
End Try
```

```
End Sub
```

```
#End Region
```

```
#Region "Page Implementation"
```

```
Private Sub Page_Load(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles MyBase.Load  
'Put user code to initialize the page here  
End Sub
```

```
Private Sub Page_Unload(ByVal sender As Object, ByVal e As  
System.EventArgs) Handles MyBase.Unload  
'Dim myExportFile As String = CType(Session.Item("exportbestand"),  
String)
```

```
'System.IO.File.Delete(myExportFile)  
End Sub
```

```
#End Region
```

```
#Region "Report Setup"
```

```
Private Sub PrepareReport(ByVal myReport As  
CrystalDecisions.CrystalReports.Engine.ReportDocument)
```

```
Dim paramFields As ParameterFields  
Dim paramField As ParameterField
```

```
Const SessionException As String = "Unable to read session  
objects."
```

```
Try
```

```
paramFields = New ParameterFields  
Try  
paramField = CreateParameter("FiliaalKeuze")
```

```
paramField.CurrentValues.Add(CreateParameterDiscreteValue(GetSessionValue("Filiaal")))
```

Re: How is it possible ...

```
'paramField.CurrentValues.Add(CreateParameterDiscreteValue(GetSessionValue("DiscreteValue2")))
Catch ex As Exception
Dim exc As ApplicationException
exc = New ApplicationException(SessionException, ex)
Throw exc
End Try
```

```
myReport.SetParameterValue("FiliaalKeuze", paramField)
```

```
Try
'Todo wrap in try
paramField = CreateParameter("Periode")
```

```
paramField.CurrentValues.Add(CreateParameterRangeValue(GetSessionValue("BeginPeriode"),
GetSessionValue("EindPeriode")))
Catch ex As Exception
Dim exc As System.ApplicationException
exc = New System.ApplicationException(SessionException, ex)
Throw exc
End Try
```

```
myReport.SetParameterValue("Periode", paramField)
```

```
Catch ex As Exception
```

```
Dim exc As System.ApplicationException
exc = New System.ApplicationException("Unable to set
paramatervalue.", ex)
Throw exc
```

```
End Try
```

```
End Sub
```

```
Private Function CreateParameter(ByVal ParameterName As String) As
ParameterField
Dim paramField As ParameterField
```

```
paramField = New ParameterField
paramField.ParameterFieldName = ParameterName
```

```
Return paramField
```

```
End Function
```

```
Private Function GetSessionValue(ByVal KeyName As String) As Object
Try
Return Session.Item(KeyName)
Catch ex As Exception
```

Re: How is it possible ...

```
Dim exc As ApplicationException
exc = New ApplicationException(String.Format("Unable to read
value from session:{0}", KeyName), ex)
Throw exc
End Try
```

```
End Function
```

```
Private Function CreateParameterDiscreteValue(ByVal Value As Object) As
ParameterDiscreteValue
```

```
Dim paramDiscreteValue As ParameterDiscreteValue
paramDiscreteValue = New ParameterDiscreteValue
paramDiscreteValue = Value
```

```
Return paramDiscreteValue
```

```
End Function
```

```
Private Function CreateParameterRangeValue(ByVal StartRange As Object,
ByVal EndRange As Object) As ParameterRangeValue
Dim paramRangeValue As ParameterRangeValue
```

```
paramRangeValue = New ParameterRangeValue
```

```
paramRangeValue.StartValue = StartRange
paramRangeValue.EndValue = EndRange
```

```
Return paramRangeValue
End Function
```

```
#End Region
```

```
#Region "Report Export"
```

```
Private Function GetExportOptions(ByVal UniqueFormat As
FileNameFormats, ByVal ExportOptions As
CrystalDecisions.Shared.ExportOptions) As
CrystalDecisions.Shared.ExportOptions
```

```
Dim myExportFile As String
Dim myExportOptions As CrystalDecisions.Shared.ExportOptions
Dim myDiskFileDestinationOptions As
CrystalDecisions.Shared.DiskFileDestinationOptions
```

```
Try
```

```
Select Case UniqueFormat
Case FileNameFormats.SessionID
```

Re: How is it possible ...

Re: How is it possible ...

```
myExportFile = Session.SessionID.ToString
Case FileNameFormats.GUIDDashes
myExportFile = System.Guid.NewGuid.ToString("D")
Case FileNameFormats.GUIIDNoDashes
myExportFile = System.Guid.NewGuid.ToString("N")
End Select

myExportFile = System.IO.Path.Combine(GetExportRoot(True),
String.Format("PDF_{0}.pdf", myExportFile))
myDiskFileDestinationOptions = New
CrystalDecisions.Shared.DiskFileDestinationOptions
myDiskFileDestinationOptions.DiskFileName = myExportFile

myExportOptions = ExportOptions

With myExportOptions
.DestinationOptions = myDiskFileDestinationOptions
.ExportDestinationType = .ExportDestinationType.DiskFile
.ExportFormatType = .ExportFormatType.PortableDocFormat
End With

Catch ex As Exception

Dim exc As System.ApplicationException
exc = New System.ApplicationException("Unable to prepare export
options.", ex)
Throw exc

End Try

Return myExportOptions

End Function

Private Function GetExportRoot(ByVal FromApplication As Boolean) As
String

Dim strExportRoot As String

If FromApplication Then
Try
Application.Lock()
strExportRoot = Application("ReportExportRoot")
Catch ex As Exception
Dim exc As ApplicationException
exc = New ApplicationException("Unable to lock Web
Application for read.", ex)
Throw exc
Finally
Application.Unlock()
End Try
```

Re: How is it possible ...

Re: How is it possible ...

```
Else
strExportRoot = Session("ReportExportRoot")
End If

Return strExportRoot

End Function

#End Region

#Region "Navigation Implementation"

Private Sub cmdPrint_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles cmdPrint.Click

Response.ClearContent()
Response.ClearHeaders()
Response.ContentType = "application/pdf"

Dim myExportFile As String = CType(Session.Item("exportbestand"),
String)

Response.WriteFile(myExportFile)
Response.Flush()
Response.Close()

System.IO.File.Delete(myExportFile)

End Sub

Private Sub cmdEerste_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles cmdEerste.Click
crViewer.ShowFirstPage()
End Sub

Private Sub cmdLaatste_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles cmdLaatste.Click
crViewer.ShowLastPage()
End Sub

Private Sub cmdTerug_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles cmdTerug.Click
crViewer.ShowPreviousPage()
End Sub

Private Sub cmdVerder_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles cmdVerder.Click
crViewer.ShowNextPage()
End Sub

Private Sub drpZoom_SelectedIndexChanged(ByVal sender As Object, ByVal
```

Re: How is it possible ...

```
e As System.EventArgs) Handles drpZoom.SelectedIndexChanged  
crViewer.Zoom(drpZoom.SelectedItem.Value)  
End Sub
```

```
#End Region
```