

# Can't Debug COM Interface

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*Source:*

<http://www.tech-archive.net/Archive/VisualStudio/microsoft.public.vsnnet.debugging/2006-01/msg00047.html>

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  - *Date:* Wed, 18 Jan 2006 06:03:52 +0100
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Hello NG,

I've trouble to to debug a vb.net application implementing a com interface.

```
<ComClass(ComClass2.ClassId, ComClass2.InterfaceId, ComClass2.EventsId)> _  
Public Class ComClass2
```

```
..
```

```
Public Sub New()  
...  
End Sub
```

```
Public Sub OnCreate(ByVal bstrServerHost As String, ByVal ushServerPort As  
System.UInt16)  
...  
End Sub
```

```
Public Sub OnDestroy()  
...  
End Sub
```

```
Public Sub NewInteraction(ByVal bstrInteractionID As String)  
...  
End Sub
```

```
Public Sub OnConnectionResumed()  
...  
End Sub
```

```
Public Sub OnConnectionLost()  
...  
End Sub
```

```
Public Sub OnACLShutdown()  
...  
End Sub
```

```
Public Sub OnIPPEvent(ByVal ICC50Event As CC50CclLib.ICC50Event)
```

## Can't Debug COM Interface

...

End Sub  
End Class

as soon as I start the application for debugging, all breakpoints set to one of the methods will get a questionmark saying that there are no symbols loaded for the document. On the vb.net project properties I've activated everything that is necessary to debug the project (generate debug info). The only thing that does not include debug information is the dll that is providing the com interface. If I'm implementing the interface using native c++ /mfc, i've no problem to step into. What's different with vb.net using com interop?

Thanks and Regards

Markus

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- *Follow-Ups:*

- ◆ **Re: Can't Debug COM Interface**

- ◇ *From:* Oleg Starodumov

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