

## Re: Implements Interface difference in VB IDE and Compiled version, is this a BUG!???

*Source:* <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2004-05/3606.html>

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*From:* Alex Ivanov (*consul\_at\_collegeclub.com*)

*Date:* 05/21/04

Date: Fri, 21 May 2004 09:13:08 -0700

You need to set binary (not project) compatibility to the compiled dll.

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Please reply to NG only. The email address is not monitored.

Alex.

"Nikola Bozovic" <not-for-mail> wrote in message

news:OwTyTZwPEHA.2468@TK2MSFTNGP11.phx.gbl...

> Yes,

> project compatibility to previously compiled ActiveX project,

> but this is not an error.

> it seems that VB in IDE Runtime mode with ActiveX component doesn't implements Interfaces,

> while in compiled versions he does.

> But the most confusion thing is that when in group project everything works,

> and in OLE Viewer of that component (class) there is no implements interface,

> but in compiled there is.

>

> It seems to me that this is bug in VB vbdebug.dll that is used for debugging ActiveX components.

> I haven't found any solution.

>

> I have gone more further, tested with ActiveX dll that implements all interfaces

> I had in TLB, and than referenced that dll in my project EXE, compiled EXE.

> And than referenced same DLL in ActiveX DLL and still it doesn't work.

> But it seems that will work if both project are started separately each in his own instance of VB!?

> this haven't work with TLB, but I have no use for that.

>

> Thanks for try.

>

>

>

>

> "Alex Ivanov" <consul@collegeclub.com> wrote in message

news:erQABAcPEHA.2740@TK2MSFTNGP11.phx.gbl...

> | Have you set the binary compatibility mode in your project?

> |

> | --

> | Please reply to NG only. The email address is not monitored.

> |

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> | Alex.
> |
> | "Nikola Bozovic" <not-for-mail> wrote in message
> | news:%23FVPfMAPEHA.1312@TK2MSFTNGP12.phx.gbl...
> | > I have made TLB, type library from ODL with mktyplib.exe,
> | > TLB file contains interface IWPSpecific,
> | > I have successfully implemented that interface into my ActiveX DLL
> | Project, into ClassModule.
> | >
> | > (this source ODL and TLB have coclass of IWPSpecific - have trying to
> | figure it out why this doesn't work - previous copy of WPLib
> | > had only interface IWPSpecific that in this library is renamed in
> | _IWPSpecific)
> | >
> | > but now here is, problem:
> | >     I have compiled EXE project that creates this ActiveX Class with
> | >         set SpecificObject =
> | CreateObject("ActiveXDLLProjectName.ClassModuleName")
> | >     than I have declared variable with same interface IWPSpecific
> | >         dim IWPSpecific as IWPSpecific
> | >     and last line:
> | >         set IWPSpecific = SpecificObject
> | >
> | > now this all works in this cases:
> | >     - both projects in VB IDE (group project)
> | >     - EXE Project in VB IDE and compiled ActiveX DLL
> | >     - both projects compiled
> | >
> | > but it doesn't work when:
> | >     - my EXE project in VB IDE and ActiveX DLL in separate instance of
VB
> | IDE
> | >     - compiled EXE with ActiveX DLL in VB IDE (Executed)????
> | >
> | > Example code described above will Raise Error on last line with error
Type
> | Mismatch (13), but the type are same, cause it is type
> | > from TypeLib !?
> | > I have used OLE Viewer and have discovered that in VBIDE my class
module
> | doesn't implements IWPSpecific interface, but in compiled
> | > version it does!? But the case of both project in VBIDE as group
project
> | is most strange, in this case it doesn't implement
> | > interface but everything works, why!?
> | >
> | > for the first non working case I don't care cause I don't use it, but
> | second not working case I care.
> | > I have developed this interface to let other developers implement this
> | interface into their projects.
> | > And also they need ability to DEBUG their own projects.
> | >
> | > the most strange thing is argument "nonextensible" this argument is
> | allowed only on dispinterface and interface but as you can see
> | > VB adds this argument also on coclass!???
> | >
> | > Here is sample of OLE Viewer:
> | > VBIDE:
> | > ...
> | > [
> | > uuid(DBCEC607-C168-4B49-8C1F-67161473CD59),
> | > version(1.1),

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