

Re: Debug inside a library

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2004-10/5595.html>

From: Rob Teixeira (*RobTeixeira_at_msn.com*)

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Are you using 2 instances of Visual Studio?

You can only debug a process (exe) from one debugger as far as I know.

So, basically, there are a few things you can do.

1) Run both projects in the same VS instance. Open one VS instance, open the EXE project, right-click on the solution in solution explorer, and click Add Existing Project, and select the DLL project. Now you have the EXE and DLL project loaded in one solution. Make sure you add the reference in the EXE project (add project reference). This is the easiest way.

2) Debug the EXE project alone. Open one VS instance and load the EXE project. Make sure it has a reference to the DLL. Click File->Open->File, and open the vb file for DLL you want to set the breakpoint in. Now the file is open in VS, but it doesn't show in solution explorer. If the DLL was compiled in debug mode and has a valid PDB, you can set breakpoints in the file and run the project to debug.

3) Debug the DLL project alone. Write a container EXE that references and uses the DLL. Open one VS instance and load the DLL project. Go to Windows file explorer and double-click the EXE to run it. Go back VS and click Debug->Processes, and Attach to the running EXE. Now you can apply breakpoints in the code and when the EXE gets to those parts of the code, it will break for you.

-Rob Teixeira

"Rena" <Rena@mail.hongkong.com> wrote in message
news:eMEY9tiuEHA.3972@TK2MSFTNGP15.phx.gbl...

> *Hi Rob,*

> *Two new project is created, I have already compiled the class library*

> *project in debug mode, and i have another project added a reference to that*

> *library project. (pdb is exist and reside in the class library project's*

> *bin),*

> *but i dont' know why i still can't go into the break point set on the*

> *library project.*

> *any hint?*

>
> *Thanks.*
> *Rena.*
>
> *"Rob Teixeira" <RobTeixeira@@msn.com> 'b¶l¥ó*
> *news:eNffEyguEHA.1712@TK2MSFTNGP14.phx.gbl ¶¶¼¶¼g...*
>> *As long as :*
>> *1) the dll is compiled in debug mode*
>> *2) the pdb file for the dll is available*
>> *3) you have the source code file*
>> *you can debug the dll*
>>
>> *All you have to do is create an EXE project to host it. Then in either*
VS
> *or*
>> *the .NET debugger, you can pull up the source file and attach the*
debugger
>> *to the EXE project. From there on out, it's just like normal debugging.*
>>
>> *-Rob Teixeira*
>>
>> *"Rena" <Rena@mail.hongkong.com> wrote in message*
>> *news:uXOWUleuEHA.348@tk2msftngp13.phx.gbl...*
>>> *Hi all,*
>>> *I have created a app. project and a library which will be used by*
> *the*
>>> *main project, however i do not know how to get into debug mode inside*
> *the*
>>> *library, although break point is set. is there anywhere to enable the*
>> *debug*
>>> *mode into library class.*
>>>
>>> *thanks*
>>> *rena.*
>>>
>>>
>>
>>
>
>