
Subject: Re: Use IDL Workbench with other languages?

Posted by [jeffnettles4870](#) on Tue, 15 Jan 2008 17:30:53 GMT

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On Jan 15, 11:55 am, Chris Torrence <gorth...@gmail.com> wrote:

- > Hi all,
- >
- > Yes, you can do this. However, here are some caveats:
- > 1. This is not officially supported by ITTVIS. No whining allowed.
- > 2. We have only done limited testing. We have an excellent test group,
- > but there was only so much time for testing IDL7.0.
- >
- > There are two ways you can do this:
- >
- > A. If you have just a few, small languages, like Python, Perl, etc,
- > then you can *probably* (emphasis already added) just drop these
- > plugins into your IDL70/idlde/plugins directory, and everything
- > *should* (more emphasis) work fine. Stop reading here!
- >
- > B. For a much larger feature, like the Eclipse Java Development Tools
- > (JDT), then you probably want to go the other route and drop IDL into
- > your existing Eclipse install. To do this:
- >
- > 1. Find the three core IDL plugins in your IDL70/idlde/plugins
- > directory:
- > com.rsi.idlDt_7.0.0.jar
- > com.rsi.idlDt.core_7.0.1.jar
- > com.rsi.idlDt.ui_7.0.0.jar
- > 2. Copy these JAR files into your Eclipse/plugins directory.
- > 3. If you want the IDL documentation, then you'll need to copy all of
- > the com.rsi.idl.doc.*.jar plugins as well.
- > 4. If you want the language packs, you'll need to copy the ones with
- > "*.nl*.jar" as well.
- > 5. Create a new shortcut to your "eclipse.exe", with the following
- > command-line options:
- >
- > C:\Eclipse3.3\eclipse.exe -vmargs -DDMLDir="C:\Program Files\ITT
- > \IDL70\idlde" -DJDMLDir="C:\Program Files\ITT\IDL70\idlde" -DBMLDir="C:
- > \Program Files\ITT\IDL70\idlde" -DIDLDir="C:\Program Files\ITT
- > \IDL70\bin\bin.x86" -DIDL_DIR="C:\Program Files\ITT\IDL70\
- >
- > You will obviously need to change the above paths if you are on Unix,
- > or have installed IDL in a different directory.
- >
- > 6. Start up Eclipse. The first time you start, you will not see the
- > IDL perspective, and the IDL process won't be started.
- > 7. Go under Window->Open Perspective->Other, and choose IDL. You will
- > get a bunch of Java null exception errors, and IDL will attempt to

> start but fail.
> 8. Quit Eclipse and restart. At this point, you should be "good to
> go".
>
> Things I have noticed:
> * I always get a Java null pointer exception when I start the "IDL
> FrankenDE". This seems harmless.
> * To get the IDL process to start, you must have the IDL Command Line
> visible.
> * You cannot seamlessly debug a Java program and an IDL program - for
> example, if you are using the Java export bridge, this will fire up an
> IDL process that is not the same as the IDL process within your
> Workbench - so you can't step from your Java code into your IDL code.
>
> Good luck! If you try this, be sure to post to the newsgroup with any
> tips or feedback.
>
> -Chris
> ITTVIS

Sweet! Thanks Chris! I'm glad to hear i have a shot at having one
development environment for the languages i use. I'm even more glad I
get to stop reading at Item A in your post above :)

Jeff
