
Subject: Eclipse plugin - reading and writing to IDL variables

Posted by [Robbie](#) on Sat, 10 Apr 2010 03:06:14 GMT

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Hi,

I am writing a Java Swing application which might be useful for manipulating DICOM studies. I think that it might be interesting to integrate the application into the IDL workbench. The only problem is that I want to read and write variables in the existing IDL session. I've looked at the Java to IDL bridge and the IDL export bridge, but neither seem to be suitable.

The only platform agnostic ways would be to:

- * Use memory mapped files (ASSOC)
- * Use TCP sockets (SOCKET)

Other options:

- * Transfer the data by passing small chunks through shared memory (SHMMAP) however Java doesn't natively support shared memory.
- * Transfer the data using Datagram sockets, however, IDL doesn't natively support those.

I think it would be simplest to use memory mapped files. Both Java and IDL have optimisations for those.

Any thoughts?

Subject: Re: Eclipse

Posted by [Kenneth P. Bowman](#) on Tue, 02 Aug 2011 17:45:45 GMT

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In article <k-bowman-C1F129.12374702082011@news.tamu.edu>,
"Kenneth P. Bowman" <k-bowman@null.edu> wrote:

- > There is an amusing description of Eclipse in this blog
- > post about developing for Android vs. iOS.
- >
- > <http://nfarina.com/post/8239634061/ios-to-android>
- >
- > Scroll down a little to the section titled "Development
- > Environment".
- >
- > Will Eclipse right my IDL code for me? :-)
- >
- > Ken Bowman

I can't believe I wrote 'right' instead of 'write', although software that would do either one would be great. :-)

Ken

Subject: Re: Eclipse

Posted by [David Fanning](#) on Tue, 02 Aug 2011 18:15:46 GMT

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Kenneth P. Bowman writes:

> I can't believe I wrote 'right' instead of 'write', although
> software that would do either one would be great. :-)

I'm convinced this is a feature of growing old. Your fingers don't seem to "here" as well as they used to. It's probably a sign that you should start SERIOUSLY thinking about retirement. :-(

Cheers,

David

P.S. Let's just say this kind of thing makes writing a book a MUCH bigger adventure than it ought to be!

--

David Fanning, Ph.D.

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
