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Subject: Re: serial.dll for serial port under IDL  
Posted by [peter.thejll](#) on Wed, 22 Oct 2008 13:05:18 GMT  
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Hi, and thanks for your reply.

On Oct 20, 5:21 pm, Wox <s...@nomail.com> wrote:

> Is this what you're talking about? [http://imac-252a.stanford.edu/programs/IDL/idl\\_serial/](http://imac-252a.stanford.edu/programs/IDL/idl_serial/)  
>

Yes - these files can also be found on the IDL site as a 'plugin'.  
They exist with slightly different sizes and dates so I figure they  
have been updated by some along the way. I downloaded a set from 2007.

> How do you know there's no reaction from the device on COMM\_WRITE?

COMM\_WRITE answers with the number of characters sent, so if I send a  
3-character string the value of h in h=COMM\_WRITE(...) is 3. I  
therefore think the WRITE part is OK - but when I read I get an error  
message along the lines 'failed to read' (I am not at the computer  
with the software on right now).

> Did you try calling it from a C  
> (or C++) program?

I am able to read the device on the serial port with a Visual Basic  
programme. It basically prints strings to the port or reads the port.  
No problem.

>  
> If you have a compiler, start debugging serial.c by attaching to a  
> running idl process (IDL7.0: C:\Program  
> Files\ITT\IDL70\bin\bin.x86\idl\_opserver.exe, IDL6.x: if I remember  
> correctly this was idlde.exe...) and then issue the COMM\_READ in IDL  
> and set a breakpoint in the c-code.  
>

Mmmmm. This is beyond me at the moment! Thanks for the suggestion,  
though!

I am catching your drift, namely 'how do I know the port is not being  
read'? I will worry about that one. Thanks for now!

Peter

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