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Subject: Re: serial.dll for serial port under IDL  
Posted by [Wout De Nolf](#) on Mon, 20 Oct 2008 15:21:01 GMT  
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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/)

How do you know there's no reaction from the device on COMM\_WRITE?  
What error message is COMM\_READ giving? Did you try calling it from a C  
(or C++) program?

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.

On Sat, 18 Oct 2008 09:50:10 -0700 (PDT), [thejll@mail.dk](mailto:thejll@mail.dk) wrote:

> I am unable to get the serial.dll and its dlm to work. Can anybody  
> show me a piece of IDL code that uses the serial.dll and dlm to read  
> from or write to the serial port?  
>  
> I'd like to be able to do things like read from a GPS or a telescope  
> (whic accepts strings printed to the serial port).  
>  
> As seen on this group in about 2004 the dll and the dlm has been  
> discussed - but no use was shown. I too can use the COMM\_OPEN and  
> COMM\_CLOSE calls. I can get the COMM\_WRITE to report the number of  
> characters written but there seems to be no reaction from the device  
> written to and COMM\_READ never reports anything but failure.  
>  
> It may be significant to say that I use IDL 6.3 on a laptop and use a  
> serial-USB dongle. Yes, the dongle works - e.g with a GPS and  
> dedicated GPS software.  
>  
> Can anyone suggest something that works?  
>  
> Peter Thejll  
> Denmark

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