
Subject: Re: Non-blocking read

Posted by [David Grier](#) on Wed, 16 Mar 2011 14:33:52 GMT

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On 3/15/11 9:49 PM, wlandsman wrote:

> On Tuesday, March 15, 2011 8:22:38 PM UTC-4, David Grier wrote:

>

>> I'm using OPENW, WRITEU and READU to interact with a piece of equipment

>> through a serial port. Everything's fine unless there's an error

>> condition on the read. If the read fails, then the IDL session hangs

>> irretrievably. I'd like to use a non-blocking read so that failure

>> yields no value and some error condition that I can check.

>

> Would it help to use

> if FILE_POLL_UNIT(unit, 0) then readu,...

>

> My IDL session hangs about 1 in a 1000 times when trying to read an internet socket.

> I've tried using the above code snippet, but I don't know yet if it works, because

> I the failures occur so unpredictably. (And once the IDL session does hang, one

> loses any diagnostics.) -Wayne

Brilliant! I never would have found this routine, and it does just what I need.

Many thanks Wayne.

David
