
Subject: Re: Non-blocking read

Posted by [wlandsman](#) on Wed, 16 Mar 2011 01:49:51 GMT

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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
