Subject: Re: Non-blocking read Posted by David Grier on Wed, 16 Mar 2011 14:33:52 GMT View Forum Message <> Reply to Message

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