

Re: setting socket connect timeout

Source: <http://unix.derkeiler.com/Newsgroups/comp.os.vms/2008-05/msg00715.html>

- *From:* Jim Duff <spam.this@xxxxxxxxxx>
 - *Date:* Fri, 23 May 2008 07:49:32 +1000
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tadamsmar wrote:

On May 22, 3:28 pm, "Dan Allen" <dal...@xxxxxxxxxx> wrote:

[snip]

I am trying to write some production code based on: tcpip
\$examples:tcpip\$tcp_client_qio.c

[snip]

Does anyone know how to change the timeout?

My documentation is quite old but it did contain a statement about timeouts just as you describe. I expected to find the timeout functionality in IO\$SETMODE but I didn't....

[snip]

Since I posted, I found that there is an extended characteristics buffer specified as p2 (see below)

but I can't get it to work. The code runs, but I still get a 75 second timeout

Format

```
status = SYS$QIO(efn, chan, IO$_SETMODE | IO$_M_CTRL, iosb, astadr,
astprm, 0, address, 0, 0, 0, 0)
```

Argument

p2=address OpenVMS usage:
vector_word_unsigned

I tried the address of descriptor for 6 byte item with
short id = 4 and long value = 20

Documented here:

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<http://www.process.com/tcpip/tcpware57docs/Programmer/Ch03.htm>

Hmm, it's difficult to determine which IP stack you are using. First you are looking in the TCP/IP Services examples, then you quote from a TCPware manual... I'm assuming it's TCP/IP Services, and not Process Software's TCPware.

You need to look at the TCP\$C_TCP_KEEPINIT argument for a IO\$_SETMODE call to \$QIO(W). It's documented here:

<http://h71000.www7.hp.com/doc/82final/6529/6529pro_028.html#tcp_set_tab_opt>

Jim.

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