

freebsd-net: anyone believe this KASSERT?

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2003-10/0203.html>

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Date: 10/23/03

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uipc_socket.c has a KASSERT in soreceive that I think is wrong. It dates from a long time ago but I can't tell exactly who created it since some intermediate munging buggered the CVS logs.

cvcs diff: Diffing .

Index: uipc_socket.c

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RCS file: /usr/ncvs/src/sys/kern/uipc_socket.c,v

retrieving revision 1.155

diff -u -r1.155 uipc_socket.c

--- uipc_socket.c 21 Oct 2003 18:28:35 -0000 1.155

+++ uipc_socket.c 23 Oct 2003 20:33:04 -0000

@@ -855,9 +855,11 @@

(so->so_rcv.sb_cc < so->so_rcv.sb_lowat ||

((flags & MSG_WAITALL) && uio->uio_resid <= so->so_rcv.sb_hiwat))

&&

m->m_nextpkt == 0 && (pr->pr_flags & PR_ATOMIC) == 0) {

+#if 0

 KASSERT(m != 0 || !so->so_rcv.sb_cc,

 ("receive: m == %p so->so_rcv.sb_cc == %u",

 m, so->so_rcv.sb_cc));

+#endif

 if (so->so_error) {

 if (m)

 goto dontblock;

In particular the `m != 0` clause is suspicious since the enclosing `if` permits `m` to be 0 and the code inside carefully handles the case.

I've been running w/o this assert for several weeks w/o a problem. Previously I was seeing it trip for NFS related traffic.

Anyone care to justify keeping this?

Sam

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freebsd-net@freebsd.org mailing list

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