

Re: [REVIEW/TEST] polling(4) changes

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2005-09/0263.html>

From: Poul-Henning Kamp (*phk_at_phk.freebsd.dk*)

Date: 09/30/05

To: Robert Watson <rwatson@FreeBSD.org>

Date: Fri, 30 Sep 2005 14:57:08 +0200

In message <20050930134526.R71864@fledge.watson.org>, Robert Watson writes:

>On Fri, 30 Sep 2005, Poul-Henning Kamp wrote:

>

>> *I still think we should stop having this network-centric view of polling*

>> *and implement _real_ *device* polling, so that other device types can*

>> *use it as well.*

>

>*While I agree that we should offer polling to non-network device drivers*

>*also, I think it's worth observing that the network awareness of our*

>*current polling code has some interesting advantages. [...]*

None of which could not be implemented on top of a general polling facility, and some of which makes polling unusable with high end networking hardware like a 8x1Gige card where all ports are handled by the same interrupt.

Anyway, I just wanted to make the point, not start a long discussion.

--

Poul-Henning Kamp

phk@FreeBSD.ORG

FreeBSD committer

Never attribute to malice what can adequately be explained by incompetence.

| UNIX since Zilog Zeus 3.20

| TCP/IP since RFC 956

| BSD since 4.3-tahoe

freebsd-net@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-net>

To unsubscribe, send any mail to "freebsd-net-unsubscribe@freebsd.org"