

## Re: HEADS UP: network locking work going on

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2003-08/0058.html>

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**From:** Scott Long ([scottl\\_at\\_freebsd.org](mailto:scottl_at_freebsd.org))

**Date:** 08/20/03

Date: Tue, 19 Aug 2003 20:11:56 -0600

To: Sam Leffler <[sam@errno.com](mailto:sam@errno.com)>

Sam Leffler wrote:

- > *I'm actively working on improving the network performance of -current.*
- > *Much of this work involves removing Giant from the network stack. I've*
- > *already been in touch with many developers that are working in this*
- > *area; this note is to insure "everyone" is aware. If you are actively*
- > *working on stuff related to the network code and I haven't already*
- > *corresponded with you; please let me know so we can coordinate our*
- > *work--I have no interest in duplicating the efforts of others.*
- > *Otherwise, if you are working in this area I'd appreciate knowing about*
- > *any significant changes planned that might affect what I'm doing.*
- >
- > *As to the work itself, the overall goal is to bring the performance for*
- > *"normal network use" back to at least that of -stable. This is to be*
- > *done in time for the 5.2 release though the specifics of what is*
- > *included in 5.2 are to be determined. Obviously the main work here is*
- > *to remove Giant and to that end I've already made a pass over the*
- > *following areas (in no specific order):*
- >
- > *raw sockets*
- > *routing table (except multicast routing)*
- > *fast ipsec*
- > *fast forwarding*
- > *bridge*
- > *ipfw*
- > *802.11 layer*
- > *fxp, em, sis, wi, and ath drivers*
- >

Excellent!

Is there any consideration for running some hardware drivers with Giant while they are converted?

Scott

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freebsd-arch@freebsd.org mailing list

freebsd-arch: Re: HEADS UP: network locking work going on

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