

freebsd-arch: Re: ether\_crc32\_[bl]e()

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**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-05/0121.html>

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**From:** M. Warner Losh (*imp\_at\_bsdimp.com*)

**Date:** 05/31/04

Date: Mon, 31 May 2004 11:20:57 -0600 (MDT)

To: green@freebsd.org

In message: <20040531164514.GA7776@green.homeunix.org>

Brian Feldman <green@freebsd.org> writes:

: On Sun, May 30, 2004 at 06:42:11PM +0000, Christian Weisgerber wrote:

: > NetBSD and OpenBSD have two helper functions in if\_ethersubr.c

: >

: > ether\_crc32\_le(const u\_int8\_t \*buf, size\_t len)

: > ether\_crc32\_be(const u\_int8\_t \*buf, size\_t len)

: > [...]

: > The patch below adds the functions to if\_ethersubr.c and, as an

: > example, switches re(4) to make use of this.

: >

: > 1. Do we want this?

:

: Yeah :)

I think so too. I had something like this on my list after I found a very badly implemented big endian crc routine whose provenance was in question. So this is excellent timing.

: I'm not sure if

: it is a style bug to perpetuate BSD u\_intsize\_t when uintsize\_t is

: standardized and available as well.

I'd say that it is, since style(9) says we're moving towards that as well.

Warner

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