

Re: ether_crc32_[bl]e()

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-05/0120.html>

From: Brian Feldman (*green_at_freebsd.org*)

Date: 05/31/04

Date: Mon, 31 May 2004 12:45:14 -0400
To: Christian Weisgerber <naddy@mips.inka.de>

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 :)

> *2. If yes, there are probably stylistic issues I could use some*
> *help with.*

Here are what looks like style bugs to me:

The header changes aren't using tabs to line up the function names and return values with the ones in the rest of the prototypes, and should be sorted in lexicographically, besides. Inside the functions, `size_t` may or may not be larger than `uint32_t`, but should never be smaller on FreeBSD, so it should come sorted before them. 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.

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Opinions expressed are my own.

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