

Re: SET, CLR, ISSET in types.h for _KERNEL builds

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2006-06/msg00140.html>

- *From:* Harti Brandt <hartmut.brandt@xxxxxx>
 - *Date:* Wed, 28 Jun 2006 13:39:58 +0200 (CEST)
-

On Wed, 28 Jun 2006, Alex Lyashkov wrote:

AL> B@, 27.06.2006, 2 22:58, M. Warner Losh ?8H5B:
AL>> NetBSD recently added SET, CLR, ISSET to sys/types.h (only if _KERNEL
AL>> is defined). I'd like to do something similar in FreeBSD. I see no
AL>> reason to needlessly deviate from NetBSD here. One could make an
AL>> argument for lots of different files, but at the end of the day does
AL>> it really matter enough to justify having it be different than NetBSD?
AL>>
AL>> Here's my proposed diff, inline, for your consideration:
AL>>
AL>
AL>>
AL>> NOTE: That /* !_KERNEL */ should have the '!' removed, but I didn't
AL>> want to confuse things by doing that too.
AL>>
AL>> Comments?
AL>>
AL>> Warner
AL>> _____
AL> Who not create abstract framework for work with bitmask more then 64bits
AL> size?
AL> similar this:
AL>
AL> #define _bitmask(name, size) char name[(size/8)+1];
AL> #define set_bit(bitmask, no) { bitmask[(no/8)] |= 1<<(no%8); }
AL> #define clr_bit(bitmask, no) { bitmask[(no/8)] &= ~(1<<(no%8)); }
AL> static inline isset_bit(char *bitmask, no) {
AL> return bitmask[(no/8)] & 1<<(no%8);

You mean bitstring(3)?

harti _____
freebsd-arch@xxxxxxxxxxxxx mailing list
<http://lists.freebsd.org/mailman/listinfo/freebsd-arch>
To unsubscribe, send any mail to "freebsd-arch-unsubscribe@xxxxxxxxxxxxx"