

freebsd-arch: \_\_TIME\_MIN/\_\_TIME\_MAX

## \_\_TIME\_MIN/\_\_TIME\_MAX

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2003-11/0051.html>

---

**From:** Jacques A. Vidrine ([nectar\\_at\\_FreeBSD.org](mailto:nectar_at_FreeBSD.org))

**Date:** 11/14/03

Date: Fri, 14 Nov 2003 13:41:19 -0600

To: freebsd-arch@freebsd.org

In at least one place in libc, it is necessary to range check a time\_t value. On most platforms, time\_t has the same range as `int', but on at least amd64, it has a larger range. Any objections to adding definitions of \_\_TIME\_MIN and \_\_TIME\_MAX to sys/\${arch}/\_limits.h?

I could just do the usual check for lossage after casting, except that in theory time\_t could be a floating-point value (but not in reality in FreeBSD). It seems cleaner to me to have an explicit range.

Cheers,

--

Jacques Vidrine    NTT/Verio SME            FreeBSD UNIX            Heimdal  
nectar@celabo.org    jvidrine@verio.net    nectar@freebsd.org    nectar@kth.se

---

freebsd-arch@freebsd.org mailing list

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

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