Posted by seyko2 on Sat, 18 Oct 2008 20:46:27 GMT
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Posted by maratrus on Mon, 20 Oct 2008 11:41:53 GMT
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Quote:

Posted by seyko2 on Wed, 22 Oct 2008 00:19:57 GMT
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Quote:

Posted by maratrus on Wed, 22 Oct 2008 06:28:50 GMT
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Posted by seyko2 on Wed, 22 Oct 2008 16:41:45 GMT
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Posted by maratrus on Wed, 22 Oct 2008 17:14:26 GMT
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Quote:

Quote:

Quote:

Posted by maratrus on Wed, 22 Oct 2008 17:20:32 GMT
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```
CLOCKFLAGS="$CLOCKFLAGS --hctosys"

case "$UTC" in
   yes|true)   CLOCKFLAGS="$CLOCKFLAGS --utc"
               CLOCKDEF="$CLOCKDEF (utc)" ;;
```

```
   no|false)   CLOCKFLAGS="$CLOCKFLAGS --localtime"
               CLOCKDEF="$CLOCKDEF (localtime)" ;;
esac
case "$ARC" in
   yes|true)   CLOCKFLAGS="$CLOCKFLAGS --arc"
               CLOCKDEF="$CLOCKDEF (arc)" ;;
esac
case "$SRM" in
   yes|true)   CLOCKFLAGS="$CLOCKFLAGS --srm"
               CLOCKDEF="$CLOCKDEF (srm)" ;;
esac

[ -x /sbin/hwclock ] && /sbin/hwclock $CLOCKFLAGS
```

Posted by seyko2 on Fri, 24 Oct 2008 00:01:05 GMT
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Posted by seyko2 on Mon, 27 Oct 2008 01:40:51 GMT
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/sys/devices/system/clocksource/clocksource0/avaible_clockso urce

Posted by maratrus on Mon, 27 Oct 2008 07:37:48 GMT
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Quote:

Quote:

Quote:

struct timespec xtime __attribute__ ((aligned (16)));

#define INITIAL_JIFFIES ((unsigned long)(unsigned int) (-300*HZ))
void __init time_init(void)
{
...

xtime.tv_sec = get_cmos_time();

xtime.tv_nsec = (INITIAL_JIFFIES % HZ) * (NSEC_PER_SEC / HZ);
...
}

Quote:

commandline.

static struct clocksource *select_clocksource(void)

jiffies = 0

pit = 110
acpi_pm = 200
hpet = 250
tsc = 300

Posted by seyko2 on Tue, 28 Oct 2008 04:20:31 GMT
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Posted by maratrus on Tue, 28 Oct 2008 07:28:52 GMT
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```
* @rating:        rating value for selection (higher is better)
*                To avoid rating inflation the following
*                list should give you a guide as to how
*                to assign your clocksource a rating
*                1-99: Unfit for real use
*                      Only available for bootup and testing purposes.
*                100-199: Base level usability.
*                      Functional for real use, but not desired.
*                200-299: Good.
*                      A correct and usable clocksource.
*                300-399: Desired.
*                      A reasonably fast and accurate clocksource.
*                400-499: Perfect
*                      The ideal clocksource. A must-use where
*                      available.
```

```
/* The Jiffies based clocksource is the lowest common
 * denominator clock source which should function on
 * all systems. It has the same coarse resolution as
 * the timer interrupt frequency HZ and it suffers
 * inaccuracies caused by missed or lost timer
 * interrupts and the inability for the timer
 * interrupt hardware to accuratly tick at the
 * requested HZ value. It is also not reccomended
 * for "tick-less" systems.
 */
```

Posted by seyko2 on Thu, 30 Oct 2008 22:58:59 GMT
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Posted by piavlo on Sun, 14 Dec 2008 08:16:07 GMT
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(meaning the TSC doesn't change with CPU core frequency).
Quote: