
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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Posted by [seyko2](#) on Wed, 22 Oct 2008 00:19:57 GMT

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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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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/available_clocksource

Posted by [maratrus](#) on Mon, 27 Oct 2008 07:37:48 GMT
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```
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)
- *
- *
- *
- *
- *
- 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 accurately tick at the
 * requested HZ value. It is also not recommended
 * 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:

