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How can I set rtc time in kernel space?

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I try set RTC from kernel space. But `rtc_set_time()` is blocking and does not return. `"111"` printed, and `"222"` not printed.

How can I set RTC time in Linux (2.6.32) kernel space?

```c
struct device *dev = NULL;
struct rtc_device *rtc_dev = NULL;
struct rtc_time rtc_tm;

/* set rtc_tm */
/* ... */

dev = bus_find_device_by_name(&platform_bus_type, NULL, "at91_rtt.0");
if (!dev) {
    printk(KERN_INFO "%s: NOT FIND DEVICE\n", __FUNCTION__);
    return -1;
}

rtc_dev = to_rtc_device(dev);

printk(KERN_INFO "%s: 111\n", __FUNCTION__);
ret = rtc_set_time(rtc_dev, &rtc_tm);
printk(KERN_INFO "%s: 222\n", __FUNCTION__);
```

time   linux-kernel   kernel

edited Dec 25 '16 at 1:55
jmstoker
2,245 ● 14 ● 33

asked Oct 18 '16 at 10:05
AndreyKeen
10 ● 1 ● 5

1 Answer

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Not sure if `try_module_get()` solves the problem, but it's certainly a good thing to do.

Thanks for your hint. — AndreyKeen Oct 19 '16 at 12:54

1   `rtc_dev = rtc_class_open(CONFIG_RTC_HCTOSYS_DEVICE);` — AndreyKeen Oct 19 '16 at 12:55

Glad it helped :) — bytefire Oct 19 '16 at 13:11