

Linux-Kernel: [patch 4/8] serial/68328serial: replace schedule_timeout() with msleep_interruptible()

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Any comments would be appreciated.

Description: Use msleep_interruptible() instead of schedule_timeout() to guarantee the task delays as expected. The patch also uses set_current_state() instead of direct assignment of current->state.

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```
linux-2.6.10-rc1-max/drivers/serial/68328serial.c |      6 +++---
1 files changed, 3 insertions(+), 3 deletions(-)
diff -puN drivers/serial/68328serial.c-msleep_interruptible-drivers_serial_68328serial drivers/se
--- linux-2.6.10-rc1/drivers/serial/68328serial.c-msleep_interruptible-drivers_serial_68328serial
+++ linux-2.6.10-rc1-max/drivers/serial/68328serial.c      2004-10-24 17:05:28.000000000 +0200
@@ -35,6 +35,7 @@
#include <linux/init.h>
#include <linux/pm.h>
#include <linux/bitops.h>
+#include <linux/delay.h>

#include <asm/io.h>
#include <asm/irq.h>
@@ -997,7 +998,7 @@ static void send_break(      struct m68k_seri
    unsigned long flags;
    if (!info->port)
        return;
-    current->state = TASK_INTERRUPTIBLE;
+    set_current_state(TASK_INTERRUPTIBLE);
    save_flags(flags);
    cli();
#ifdef USE_INTS
@@ -1189,8 +1190,7 @@ static void rs_close(struct tty_struct *
#endif
    if (info->blocked_open) {
        if (info->close_delay) {
-            current->state = TASK_INTERRUPTIBLE;
```

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```
-             schedule_timeout(info->close_delay);
+             msleep_interruptible(jiffies_to_msecs(info->close_delay));
        }
        wake_up_interruptible(&info->open_wait);
    }
```

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