

Warning : recursive locking detected 2.6.27-rc2-next-20080811

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-08/msg05170.html>

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 - *Date:* Tue, 12 Aug 2008 18:07:55 +0530
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Recursive lock warning while testing linux-next 11 Aug

Method to reproduce :

Login and open a xterm or a gnome terminal and observe the output of dmesg

commit 299be36648adc14e4627173d00c18b11d08e5ecd

Author: Stephen Rothwell <sfr@xxxxxxxxxxxxxxxx>

Date: Mon Aug 11 16:30:46 2008 +1000

```
[ 90.085857] =====
[ 90.092752] [ INFO: possible recursive locking detected ]
[ 90.098148] 2.6.27-rc2-next-20080811 #18
[ 90.102072] -----
[ 90.107473] gnome-terminal/6123 is trying to acquire lock:
[ 90.112958] (&tty->termios_mutex){---}, at: [<c02ce197>] tty_do_resize+0x70
[ 90.120692]
[ 90.120693] but task is already holding lock:
[ 90.126551] (&tty->termios_mutex){---}, at: [<c02ce13f>] tty_do_resize+0x10
[ 90.134281]
[ 90.134282] other info that might help us debug this:
[ 90.140825] 1 lock held by gnome-terminal/6123:
[ 90.145357] #0: (&tty->termios_mutex){---}, at: [<c02ce13f>] tty_do_resiz0
[ 90.153548]
[ 90.153549] stack backtrace:
[ 90.157926] Pid: 6123, comm: gnome-terminal Not tainted 2.6.27-rc2-next-20088
[ 90.165665] [<c01569aa>] __lock_acquire+0xb2a/0x1300
[ 90.170741] [<c012bc65>] ? finish_task_switch+0x55/0xf0
[ 90.176108] [<c012bc10>] ? finish_task_switch+0x0/0xf0
[ 90.181387] [<c0157218>] lock_acquire+0x98/0xd0
[ 90.186030] [<c02ce197>] ? tty_do_resize+0x77/0x180
[ 90.191048] [<c040b0b8>] mutex_lock_nested+0xa8/0x2d0
[ 90.196214] [<c02ce197>] ? tty_do_resize+0x77/0x180
[ 90.201231] [<c02ce197>] ? tty_do_resize+0x77/0x180
[ 90.206251] [<c02ce197>] tty_do_resize+0x77/0x180
[ 90.211069] [<c02d05bd>] tty_ioctl+0x62d/0x800
[ 90.215628] [<c02cff90>] ? tty_ioctl+0x0/0x800
[ 90.220213] [<c01b5258>] vfs_ioctl+0x28/0x80
[ 90.224598] [<c01b551a>] do_vfs_ioctl+0x26a/0x2b0
[ 90.229415] [<c01aa0d1>] ? fget_light+0xc1/0xe0
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[ 90.234088] [<c01aa060>] ? fget_light+0x50/0xe0
[ 90.238758] [<c01b55b3>] sys_ioctl+0x53/0x70
[ 90.243144] [<c0103d7b>] sysenter_do_call+0x12/0x3f
[ 90.248135] =====
```

lspci:

00:00.0 Host bridge: Intel Corporation 82Q963/Q965 Memory Controller Hub (rev 02)

00:02.0 VGA compatible controller: Intel Corporation 82Q963/Q965 Integrated Graphics Controller (rev 02)

00:03.0 Communication controller: Inte

#

SPI Protocol Masters

#

CONFIG_SPI_AT25=m

CONFIG_SPI_SPIDEV=m

CONFIG_SPI_TLE62X0=m

CONFIG_ARCH_WANT_OPTIONAL_GPIOLIB=y

CONFIG_GPIOLIB is not set

CONFIG_W1=m

CONFIG_W1_CON=y

#

1-wire Bus Masters

#

CONFIG_W1_MASTER_MATROX=m

CONFIG_W1_MASTER_DS2490=m

CONFIG_W1_MASTER_DS2482=m

#

1-wire Slaves

#

CONFIG_W1_SLAVE_THERM=m

CONFIG_W1_SLAVE_SMEM=m

CONFIG_W1_SLAVE_DS2433=m

CONFIG_W1_SLAVE_DS2433_CRC is not set

CONFIG_W1_SLAVE_DS2760=m

CONFIG_POWER_SUPPLY=y

CONFIG_POWER_SUPPLY_DEBUG is not set

CONFIG_PDA_POWER=m

CONFIG_BATTERY_DS2760=m

CONFIG_HWMON=y

CONFIG_HWMON_VID=m

CONFIG_SENSORS_ABITUGURU=m

CONFIG_SENSORS_ABITUGURU3=m

CONFIG_SENSORS_AD7414 is not set

CONFIG_SENSORS_AD7418=m

CONFIG_SENSORS_ADM1021=m

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CONFIG_SENSORS_ADM1025=m
CONFIG_SENSORS_ADM1026=m
CONFIG_SENSORS_ADM1029=m
CONFIG_SENSORS_ADM1031=m
CONFIG_SENSORS_ADM9240=m
CONFIG_SENSORS_ADT7470=m
CONFIG_SENSORS_ADT7473 is not set
CONFIG_SENSORS_K8TEMP=m
CONFIG_SENSORS_ASB100=m
CONFIG_SENSORS_ATXP1=m
CONFIG_SENSORS_DS1621=m
CONFIG_SENSORS_I5K_AMB=m
CONFIG_SENSORS_F71805F=m
CONFIG_SENSORS_F71882FG=m
CONFIG_SENSORS_F75375S=m
CONFIG_SENSORS_FSCHER=m
CONFIG_SENSORS_FSCPOS=m
CONFIG_SENSORS_FSCHMD=m
CONFIG_SENSORS_GL518SM=m
CONFIG_SENSORS_GL520SM=m
CONFIG_SENSORS_CORETEMP=m
CONFIG_SENSORS_IBMAEM is not set
CONFIG_SENSORS_IBMPEX=m
CONFIG_SENSORS_IT87=m
CONFIG_SENSORS_LM63=m
CONFIG_SENSORS_LM70=m
CONFIG_SENSORS_LM75=m
CONFIG_SENSORS_LM77=m
CONFIG_SENSORS_LM78=m
CONFIG_SENSORS_LM80=m
CONFIG_SENSORS_LM83=m
CONFIG_SENSORS_LM85=m
CONFIG_SENSORS_LM87=m
CONFIG_SENSORS_LM90=m
CONFIG_SENSORS_LM92=m
CONFIG_SENSORS_LM93=m
CONFIG_SENSORS_MAX1619=m
CONFIG_SENSORS_MAX6650=m
CONFIG_SENSORS_PC87360=m
CONFIG_SENSORS_PC87427=m
CONFIG_SENSORS_SIS5595=m
CONFIG_SENSORS_DME1737=m
CONFIG_SENSORS_SMSC47M1=m
CONFIG_SENSORS_SMSC47M192=m
CONFIG_SENSORS_SMSC47B397=m
CONFIG_SENSORS_ADS7828 is not set
CONFIG_SENSORS_THMC50=m
CONFIG_SENSORS_VIA686A=m
CONFIG_SENSORS_VT1211=m
CONFIG_SENSORS_VT8231=m
CONFIG_SENSORS_W83781D=m

```
CONFIG_SENSORS_W83791D=m
CONFIG_SENSORS_W83792D=m
CONFIG_SENSORS_W83793=m
CONFIG_SENSORS_W83L785TS=m
# CONFIG_SENSORS_W83L786NG is not set
CONFIG_SENSORS_W83627HF=m
CONFIG_SENSORS_W83627EHF=m
CONFIG_SENSORS_HDAPS=m
CONFIG_SENSORS_APPLESMC=m
# CONFIG_HWMON_DEBUG_CHIP is not set
CONFIG_THERMAL=m
# CONFIG_THERMAL_HWMON is not set
CONFIG_WATCHDOG=y
# CONFIG_WATCHDOG_NOWAYOUT is not set
```

```
#
# Watchdog Device Drivers
#
CONFIG_SOFT_WATCHDOG=m
CONFIG_ACQUIRE_WDT=m
CONFIG_ADVANTECH_WDT=m
CONFIG_ALIM1535_WDT=m
CONFIG_ALIM7101_WDT=m
CONFIG_SC520_WDT=m
CONFIG_EUROTECH_WDT=m
CONFIG_IB700_WDT=m
CONFIG_IBMASR=m
CONFIG_WAFER_WDT=m
CONFIG_I6300ESB_WDT=m
CONFIG_ITCO_WDT=m
CONFIG_ITCO_VENDOR_SUPPORT=y
CONFIG_IT8712F_WDT=m
# CONFIG_HP_WATCHDOG is not set
CONFIG_SC1200_WDT=m
CONFIG_SCx200_WDT=m
CONFIG_PC87413_WDT=m
CONFIG_60XX_WDT=m
CONFIG_SBC8360_WDT=m
CONFIG_SBC7240_WDT=m
CONFIG_CPU5_WDT=m
CONFIG_SMSC37B787_WDT=m
CONFIG_W83627HF_WDT=m
CONFIG_W83697HF_WDT=m
CONFIG_W83877F_WDT=m
CONFIG_W83977F_WDT=m
CONFIG_MACHZ_WDT=m
CONFIG_SBC_EPX_C3_WATCHDOG=m
```

```
#
# ISA-based Watchdog Cards
#
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```
CONFIG_PCWATCHDOG=m
CONFIG_MIXCOMWD=m
CONFIG_WDT=m
CONFIG_WDT_501=y

#
# PCI-based Watchdog Cards
#
CONFIG_PCIPCWATCHDOG=m
CONFIG_WDTPCI=m
CONFIG_WDT_501_PCI=y

#
# USB-based Watchdog Cards
#
CONFIG_USBPCWATCHDOG=m

#
# Sonics Silicon Backplane
#
CONFIG_SSB_POSSIBLE=y
CONFIG_SSB=m
CONFIG_SSB_SPROM=y
CONFIG_SSB_PCIHOST_POSSIBLE=y
CONFIG_SSB_PCIHOST=y
CONFIG_SSB_B43_PCI_BRIDGE=y
```