

Re: Boot problems – please help!

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Source: <http://linux.derkeiler.com/Newsgroups/alt.os.linux.redhat/2006-11/msg00007.html>

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 - *Date:* Wed, 01 Nov 2006 13:19:50 +0000
-

On Tue, 31 Oct 2006 23:15:21 +0000, Robert Hull wrote:

On Tuesday 31 October 2006 15:31, Neil Hindry
<n_nospam_hindry@xxxxxxxxxxxxxxxxxxxxxx> wrote in alt.os.linux:

I have Ubuntu & FC5 setup on the disk in the following partitions :-

1. Ubuntu ext3 /
5. Ubuntu ext3 /home
6. Ubuntu swap swap

2. FC5 extended /home
3. FC5 ext3 /
4. FC5 swap swap

Whatever you **do** have it is not what is written above. Try doing

```
fdisk -l /dev/hd*
```

then cut and paste the results here.

A copy of the /boot/grub/menu.lst would also be useful

I tried `fdisk -l /dev/hd0*` as suggested and nothing was returned, I also looked in /proc/partitions as mentioned in man fdisk and the file was empty.

I am posting the contents of menu.lst from the /boot/grub folder below. I hope you can help me.

Thanks!

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```
# menu.lst – See: grub(8), info grub, update-grub(8)
# grub-install(8), grub-floppy(8),
# grub-md5-crypt, /usr/share/doc/grub
# and /usr/share/doc/grub-doc/.

## default num
# Set the default entry to the entry number NUM. Numbering starts from 0, and
# the entry number 0 is the default if the command is not used.
#
# You can specify 'saved' instead of a number. In this case, the default entry
# is the entry saved with the command 'savedefault'.
# WARNING: If you are using dmraid do not change this entry to 'saved' or your
# array will desync and will not let you boot your system.
default 0

## timeout sec
# Set a timeout, in SEC seconds, before automatically booting the default entry
# (normally the first entry defined).
timeout 10

## hiddenmenu
# Hides the menu by default (press ESC to see the menu)
#hiddenmenu

# Pretty colours
#color cyan/blue white/blue

## password ['--md5'] passwd
# If used in the first section of a menu file, disable all interactive editing
# control (menu entry editor and command-line) and entries protected by the
# command 'lock'
# e.g. password topsecret
# password --md5 $1$gLhU0/$aW78kHK1QfV3P2b2znUoe/
# password topsecret

#
# examples
#
# title Windows 95/98/NT/2000
# root (hd0,0)
# makeactive
# chainloader +1
#
# title Linux
# root (hd0,1)
# kernel /vmlinuz root=/dev/hda2 ro
#
#
# Put static boot stanzas before and/or after AUTOMAGIC KERNEL LIST
```

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```
### BEGIN AUTOMAGIC KERNELS LIST
## lines between the AUTOMAGIC KERNELS LIST markers will be modified
## by the debian update-grub script except for the default options below

## DO NOT UNCOMMENT THEM, Just edit them to your needs

## ## Start Default Options ##
## default kernel options
## default kernel options for automagic boot options
## If you want special options for specific kernels use kopt_x.y.z
## where x.y.z is kernel version. Minor versions can be omitted.
## e.g. kopt=root=/dev/hda1 ro
## kopt_2_6_8=root=/dev/hdc1 ro
## kopt_2_6_8_2_686=root=/dev/hdc2 ro
# kopt=root=/dev/sdb1 ro

## default grub root device
## e.g. groot=(hd0,0)
# groot=(hd1,0)

## should update-grub create alternative automagic boot options
## e.g. alternative=true
## alternative=false
# alternative=true

## should update-grub lock alternative automagic boot options
## e.g. lockalternative=true
## lockalternative=false
# lockalternative=false

## additional options to use with the default boot option, but not with the
## alternatives
## e.g. defoptions=vga=791 resume=/dev/hda5
# defoptions=quiet splash

## altopion boot targets option
## multiple altopions lines are allowed
## e.g. altopions=(extra menu suffix) extra boot options
## altopions=(recovery mode) single
# altopions=(recovery mode) single

## controls how many kernels should be put into the menu.lst
## only counts the first occurrence of a kernel, not the
## alternative kernel options
## e.g. howmany=all
## howmany=7
# howmany=all

## should update-grub create memtest86 boot option
## e.g. memtest86=true
## memtest86=false
```

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```
# memtest86=true

## should update-grub adjust the value of the default booted system
## can be true or false
# updatedefaultentry=false

## ## End Default Options ##

title Ubuntu, kernel 2.6.15-27-amd64-generic
root (hd1,0)
kernel /boot/vmlinuz-2.6.15-27-amd64-generic root=/dev/sdb1 ro quiet splash
initrd /boot/initrd.img-2.6.15-27-amd64-generic
savedefault
boot

title Ubuntu, kernel 2.6.15-27-amd64-generic (recovery mode)
root (hd1,0)
kernel /boot/vmlinuz-2.6.15-27-amd64-generic root=/dev/sdb1 ro single
initrd /boot/initrd.img-2.6.15-27-amd64-generic
boot

title Ubuntu, kernel 2.6.15-26-amd64-generic
root (hd1,0)
kernel /boot/vmlinuz-2.6.15-26-amd64-generic root=/dev/sdb1 ro quiet splash
initrd /boot/initrd.img-2.6.15-26-amd64-generic
savedefault
boot

title Ubuntu, kernel 2.6.15-26-amd64-generic (recovery mode)
root (hd1,0)
kernel /boot/vmlinuz-2.6.15-26-amd64-generic root=/dev/sdb1 ro single
initrd /boot/initrd.img-2.6.15-26-amd64-generic
boot

title Ubuntu, kernel 2.6.15-23-amd64-generic
root (hd1,0)
kernel /boot/vmlinuz-2.6.15-23-amd64-generic root=/dev/sdb1 ro quiet splash
initrd /boot/initrd.img-2.6.15-23-amd64-generic
savedefault
boot

title Ubuntu, kernel 2.6.15-23-amd64-generic (recovery mode)
root (hd1,0)
kernel /boot/vmlinuz-2.6.15-23-amd64-generic root=/dev/sdb1 ro single
initrd /boot/initrd.img-2.6.15-23-amd64-generic
boot

title Ubuntu, memtest86+
root (hd1,0)
kernel /boot/memtest86+.bin
boot
```

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```
### END DEBIAN AUTOMAGIC KERNELS LIST
```

```
# This is a divider, added to separate the menu items below from the Debian  
# ones.
```

```
title Other operating systems:  
root
```

```
# This entry automatically added by the Debian installer for an existing  
# linux installation on /dev/sdb3.
```

```
title Fedora Core (2.6.15-1.2054_FC5)  
root (hd1,2)  
kernel /boot/vmlinuz-2.6.15-1.2054_FC5 ro root=LABEL=/rhgb quiet  
initrd /boot/initrd-2.6.15-1.2054_FC5.img
```

```
# This entry automatically added by the Debian installer for an existing  
# linux installation on /dev/sdb3.
```

```
title Failsafe -- SUSE LINUX 10.0 (on /dev/sdb3)  
root (hd1,2)  
kernel /boot/vmlinuz root=/dev/sdb3 vga=normal showopts ide=nodma apm=off acpi=off noresume selinux=0  
nosmp noapic maxcpus=0 edd=off 3  
initrd /boot/initrd  
savedefault  
boot
```

```
# This entry automatically added by the Debian installer for a non-linux OS  
# on /dev/sda2
```

```
title Windows NT/2000/XP  
root (hd0,1)  
savedefault  
makeactive  
chainloader +1
```

```
# This entry automatically added by the Debian installer for a non-linux OS  
# on /dev/sda1
```

```
title Microsoft Windows XP Professional  
root (hd0,0)  
savedefault  
makeactive  
chainloader +1
```

```
.
```