

Re: how to boot a hard disk kernel from a live CD?

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On Wed, 31 Jan 2007 19:43:06 +0100, Davide Bianchi staggered into the Black Sun and said:

On 2007-01-31, Cameron Fitzhugh <sendmespam@xxxxxxxxxxxxxxxx> wrote:

I have a CD that I can boot from and start up the Linux kernel from the CD. Then I can mount and access Linux partitions on the hard disk. The computer is not set up for dual booting

If there are ext[23] partitions on a disk, and a Linux / on a disk, why isn't the disk and system set up for dual-boot?

The kernel on the CD doesn't have the right drivers for the X system on this computer, so I can't start up X-Windows. But there's a kernel generated for this computer in /boot on one of the Linux partitions, so if I could boot it, I would be able to run KDE.

The kernel and X are totally orthogonal (unless you're using evil binary-only modules). And any LiveCD that has X should be able to use VESA, which always works on the x86 even though it's slow. Something doesn't seem right here. Which version of which LiveCD are you using? Which distro did you attempt to install? What's the make+model of your video card?

Boot from your CD, mount your root partition somewhere, chroot to that partition and then re-install grub using the correct config file

ITYM:

0. Boot from the LiveCD

1. mount / on /mnt/somewhere , mount /boot on /mnt/somewhere/boot

2. chroot /mnt/somewhere /bin/bash

3. grub

grub> root (hd0,Y) # insert appropriate number for your /boot

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```
grub> setup (hd0) # install GRUB to MBR of disk 0
```

```
grub> quit # done!
```

4. Edit /boot/grub/grub.conf so that it contains appropriate stanzas for your Linux install and your 'DozeXP install. Like so:

```
default 0
```

```
timeout 30 # 30 seconds til it boots the default stanza
```

```
# modify to taste
```

```
title=Gentoo Linux 2.6.18.3 (with swsusp2)
```

```
root (hd0,2)
```

```
kernel /boot/2.6.18.3 root=/dev/hda5 acpi_sleep=s3_bios lpic vga=0x317
```

```
# (hd0,2) is /dev/hda3 , /boot here, the parameters for the kernel
```

```
# should be pretty self-explanatory, the acpi_sleep is a specific option
```

```
# I need for my laptop, YComputerMV.
```

```
# This is a standard 'DozeNN stanza
```

```
title=Windows XP (yuck)
```

```
rootnoverify (hd0,0)
```

```
chainloader +1
```

```
# end sample grub.conf , HTH.
```

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"Depress the button," it said. Gloria looked at the button. "You're a very ugly button," she began. --Phil Janes, _The Galaxy Game_
Matt G|There is no Darkness in Eternity/But only Light too dim for us to see

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