

Re: Need help installing Fedora Core 3

Source: <http://linux.derkeiler.com/Newsgroups/linux.redhat.misc/2004-11/0200.html>

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Andrew Falanga wrote:

> *Hello,*
>
> *As strange as it may sound, yes I need help with this simple task. I've*
> *got a problem that I've never seen before. The install works just*
> *perfectly, but when the system reboots all I get is "GRUB " in the upper*
> *left corner of my monitor with a flashing cursor one space to the text's*
> *right. This occurs whether I use the automated partitioning system or*
> *if I try and do it myself.*
>
> *For the current system setup, it's a brand new MoBo with an AMD-64*
> *processor. I have Windows XP currently installed and must dualboot the*
> *system. Windows XP consumes 55gb of our 80gb HDD, the remainder I want*
> *for linux (or some other free UNIX-like system). Any ideas as to what*
> *is going wrong? I know that a few years ago there was a deficiency in*
> *some systems for having boot files outside of a 6gb boundary. However,*
> *I thought that only applied to Windows and that it had been fixed. What*
> *am I missing? This is getting quite irritating.*
>
> *Thanks for any help,*
> *Andy*

I dual boot using WinXP's bootloader. To do this, you'll need to:

1) Create an image of Linux's 512 byte boot sector using dd, as in:

```
% dd if=/hda4 of=boot.lnx bs=512
```

(This assumes /dev/hda4 is your Linux / partition)

2) Copy the sector file to Windows' C:, either via floppy, pen drive, or via an external host.

3) Edit C:/BOOT.INI and edit to contain something like this:

```
boot loader]
timeout=30
default=multi(0)disk(0)rdisk(0)partition(2)\WINDOWS
```

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[operating systems]

```
multi(0)disk(0)rdisk(0)partition(2)\WINDOWS="Microsoft Windows XP Home  
Edition"/fastdetect /NoExecute=OptIn  
c:\boot.lnx="Fedora Linux Core 3"
```

(This will require you to fiddle with Windows' hidden and protected attributes. See the following links for how to do this.)

Then, when you boot, you can choose between WinXP and Linux. If you edit grub.conf, you will NOT need to export your boot sector again (the way you had to do when using LILO).

The process is also described at:

<http://tldp.org/HOWTO/Linux+Win9x+Grub-HOWTO/index.html>

<http://www.lesbell.com.au/Home.nsf/0/96ed97b0093f9fb44a2568c60036ca4e?OpenDocument>

Randy

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