1   Introduction

The install set for Fedora Core 1 (FC1), you can get the iso images at

> Local image site

or

> Fedora Site

You are interested in downloading the files *yarrow-i386-disc1.iso*, *yarrow-i386-disc2.iso* and *yarrow-i386-disc3.iso*. These are iso files which means that they are formatted as ISO9660 files and can be directly burned to CD media. Use can use *cdrecord* on Linux to burn the CD's with a command of the form:

> cdrecord -dev=0,0,0 -v speed=4 -data yarrow-i386-disc1.iso

and so on.

1.1   Building a Floppy Disk

If your system doesn't have a CD or won't boot from of the CD (some older systems won't do this), you need to create a bootable install floppy disk. You then boot with that floppy and it will install from the CD or from some other source.

To create the the floppy disk, you need an image for a bootable floppy and that can typically be found on your CD's or at a site that has an expanded version of the install CD's. Put disk1 of the install set in the CD/DVD reader on your system. It may automount; you can check this by typing *mount* and looking for something of the form:

> /dev/cdrom on /mnt/cdrom type iso9660 (ro,nosuid,nodev,user=...)

in the list. Note that the location could be /mnt/cdrom1 or something slightly different. If you don't see anything like this, type

> mount /dev/cdrom /mnt/cdrom

and that should mount the device. If you look in /mnt/cdrom/images you will see a file named bootdisk.img. You need to copy this image file onto a floppy disk. This can be accomplished with the command:

> dd if=/mnt/cdrom/boot.img of=/dev/fd0

When this finishes, you are ready to go. Put the first CD in the CD-ROM drive and the floppy disk in the floppy drive and power-on or reset your system. If it won't read the floppy disk, you will have to enter the BIOS setup utility and modify the setting specific to the boot devices under the *Advanced BIOS* settings. Make sure that the floppy disk is specified as one of the boot devices, probably the first one.

1.2 Creating a Boot Floppy with Windows

If you are culturally deprived, you may want to create your boot floppy with a Windows system. In order to do this, you need a program named rawrite that will write a Linux floppy on a Windows system. Fortunately, this is also on your CDROM under the dosutils directory, which is at the same level in the directory tree as images. Since a Windows system will also read ISO9660 CD's, all you have to do is copy rawrite.exe to your system and execute it, giving it the path to the boot image and the floppy drive ID (probably a:) and it will create your bootable floppy.

1.2.1 Local Location

For our site, you can go to:

img.cs.montana.edu/fedora/linux/core/1/i386/os/images

to find the floppy images.

1.3 Network Installs

If you intend to install over the network, you will need to make a second floppy (in addition to bootdisk.img) that contains *drvnet.img*.