

Install The Base System

Boot from your Fedora Core 5 DVD or CD (CD 1). Install in Graphical mode <ENTER>.



It can take a long time to test the installation media so we skip this test here:



The welcome screen of the Fedora installer appears. Click on Next:



NEXT....

Language: Choose your language next:



Keyboard: Choose your keyboard layout.



NEXT....

Partition: Select Remove Linux partitions on selected drives, Check Review and Modify partitioning layout.

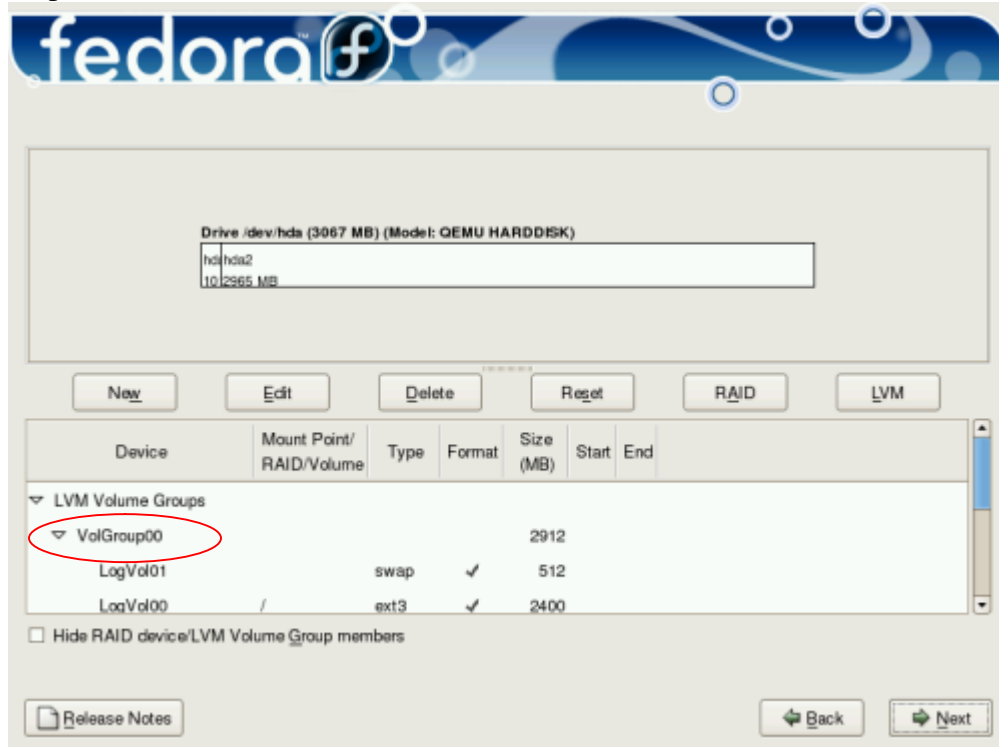


NEXT....

Install: You can install using the Default layout, or you can use our MacroView Guide..
Feel free to change.

MacroView Guide: ***Note this guide is for a New MacroView Server.**

In the Disk Druid screen delete the VolGroup00. And /dev/hdb this will leave you with all Free space.



Add a:New

Mount Point: /boot.

File System Type:ext3

Size:1024MB

Add a:New

File System Type:swap

Size:2048MB * Note size to be about 2 x RAM size.

Add a:New

Mount Point: /

File System Type:ext3

Size:8192MB * This is only a guide.

Add a:New

Mount Point: /u

File System Type:ext3

Size: Check, Fill to maximum allowable size.

NEXT....

Boot loader options: use default:



The GRUB boot loader will be installed on /dev/hda. [Change boot loader](#)

You can configure the boot loader to boot other operating systems. It will allow you to select an operating system to boot from the list. To add additional operating systems, which are not automatically detected, click 'Add.' To change the operating system booted by default, select 'Default' by the desired operating system.

Default	Label	Device
<input checked="" type="checkbox"/>	Fedora Core	/dev/hdb2

[Add](#)
[Edit](#)
[Delete](#)

A boot loader password prevents users from changing options passed to the kernel. For greater system security, it is recommended that you set a password.

[Use a boot loader password](#) [Change password](#)

[Configure advanced boot loader options](#)

[Release Notes](#) [Back](#) [Next](#)

NEXT...

Setup Network:



The screenshot shows the Fedora network configuration window. At the top is the Fedora logo. Below it, the 'Network Devices' section contains a table with columns 'Active on Boot', 'Device', and 'IP/Netmask'. The first row shows 'eth0' with IP '192.168.0.100' and netmask '255.255.255.0'. An 'Edit' button is to the right. The 'Hostname' section has radio buttons for 'automatically via DHCP' and 'manually', with the latter selected and a text box containing 'server1.example.com'. The 'Miscellaneous Settings' section has input fields for Gateway (192.168.0.1), Primary DNS (145.253.2.75), Secondary DNS (193.174.32.18), and Tertiary DNS (194.25.0.60). At the bottom are buttons for 'Release Notes', 'Back', and 'Next'.

Active on Boot	Device	IP/Netmask
<input checked="" type="checkbox"/>	eth0	192.168.0.100/255.255.255.0

Hostname
Set the hostname:
 automatically via DHCP
 manually (ex. "host.domain.com")

Miscellaneous Settings
Gateway:
Primary DNS:
Secondary DNS:
Tertiary DNS:

Edit ethX,
Uncheck configure using DHCP.
Check Activate on boot.
Set IP address EG 192.168.0.100.
Netmask 255.255.255.0.
OK...

Set the Hostname Manually: Eg. Fc5macroview, or what the machine name is to be.
Gateway EG 192.168.0.1.
Primary DNS EG145.253.2.75.

NEXT....

Time Zone: Select valid tomezone.



Please click into the map to choose a region:



America/New_York Eastern Time

System clock uses UTC

[Release Notes](#) [Back](#) [Next](#)

NEXT....

Account: Set root password:



 The root account is used for administering the system. Enter a password for the root user.

Root Password:

Confirm:

[Release Notes](#) [Back](#) [Next](#)

Software: Select software to install check All, and customize now.



NEXT...

Select required programs of your choose.
Mostly use defaults.....

MacroView Requires the following:

- Under Applications, Text-based Internet, Check *tftp*.
- Under Development Check Legacy Software Development, Check *All*, except *llbpng10-devel*.
- Under Servers Check Legacy Network Server, Check *rsh-server*, *telnet-server*, *tftp-server*.
- Under Servers Check Network Servers, Check *vnc-server*.
- Under Servers Check Server Configuration Tools, Use *Defaults*.
- Under Servers Check Windows File Server, Use *Defaults*.
- Under Base System Check Legacy Software Support, Use *Defaults*.
- Under Base System Check System Tools, Use *Defaults*.

NEXT...

Installation:



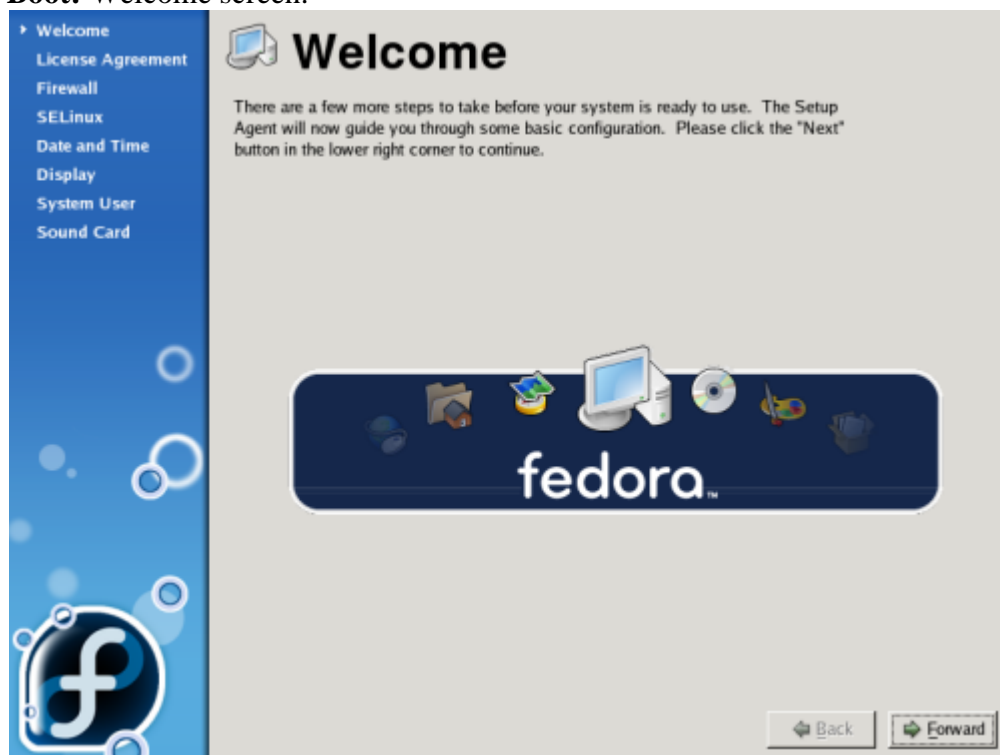
NEXT....





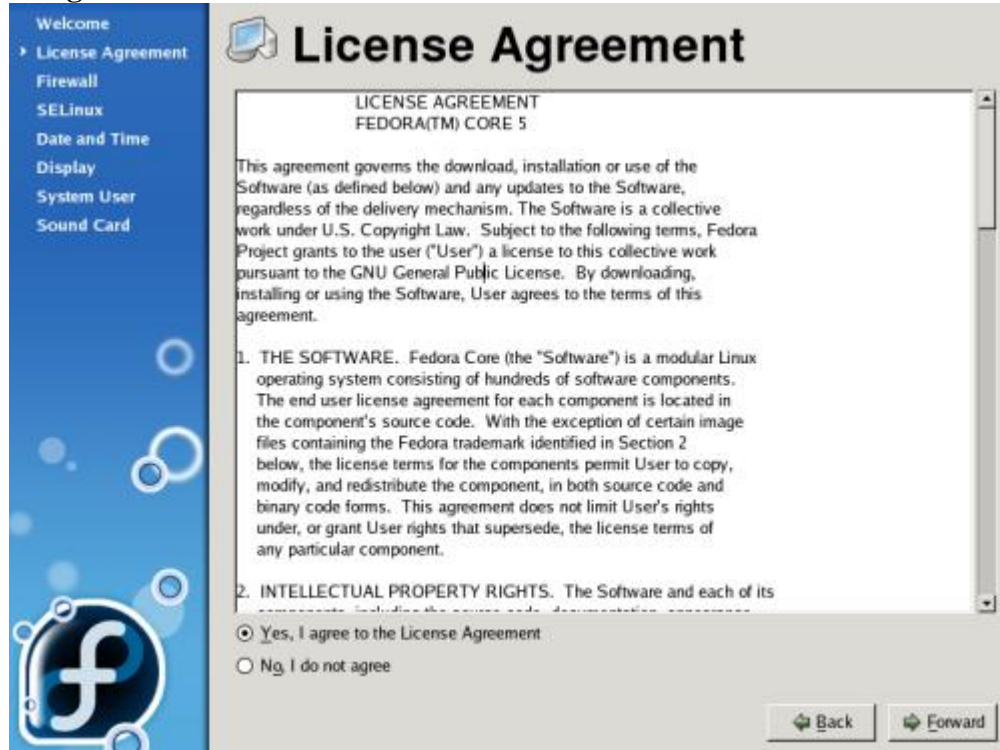
After installation completes, select **Reboot** to restart your computer. Fedora Core ejects any loaded discs before the computer reboots.

First Boot: Welcome screen.



FORWARD.....

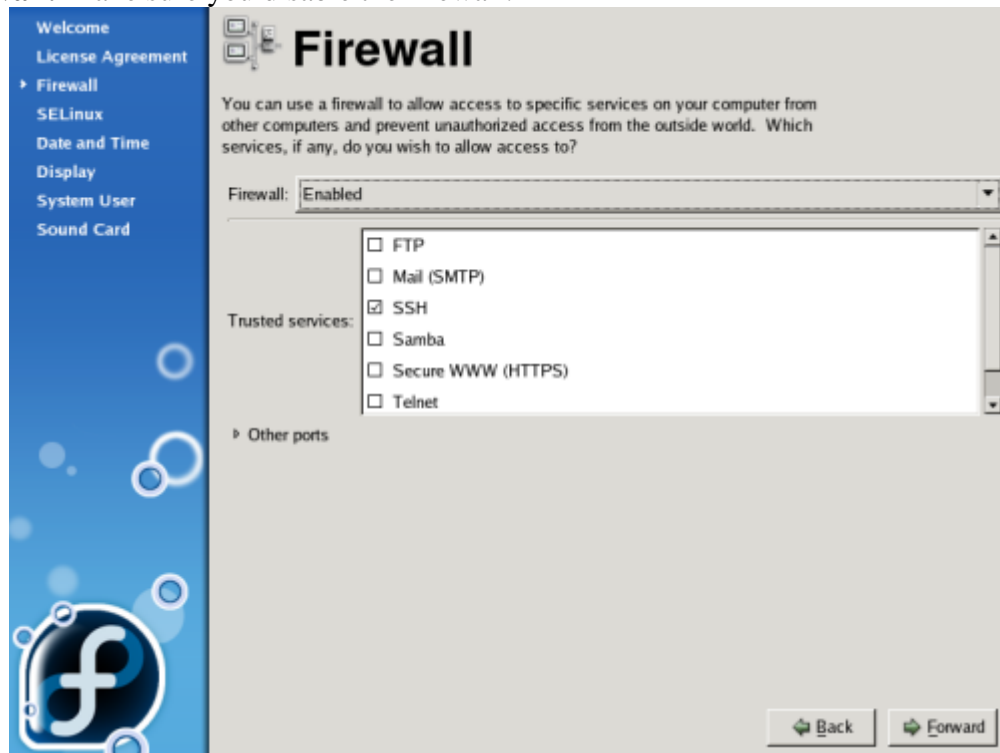
License Agreement:



Select **YES**

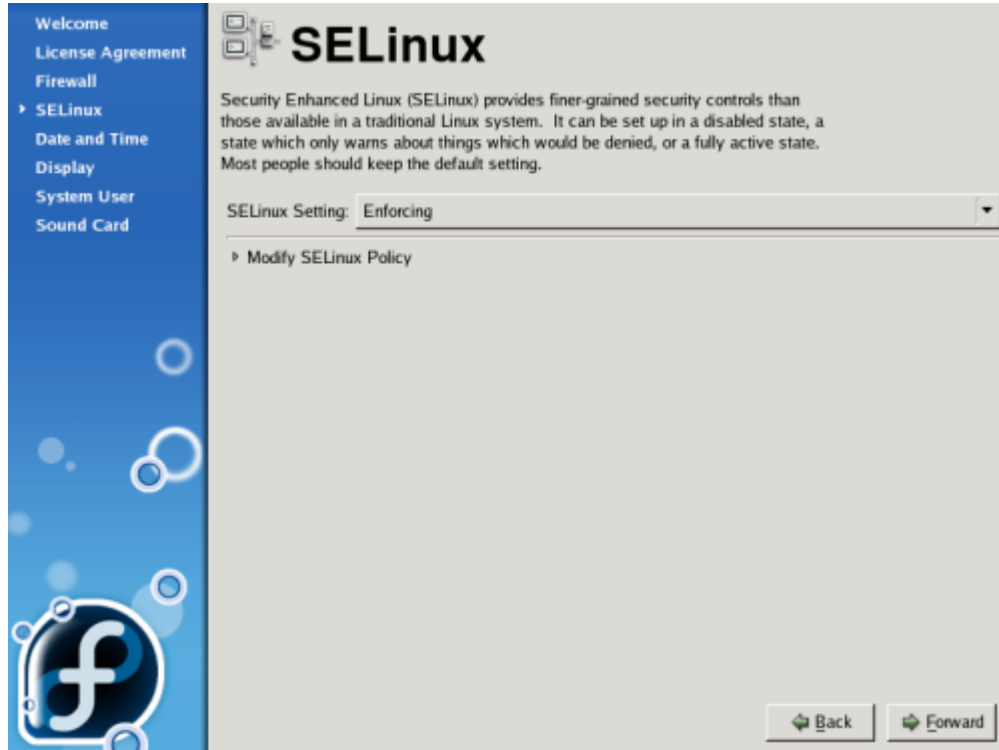
FORWARD.....

Firewall: Make sure you disable the firewall.



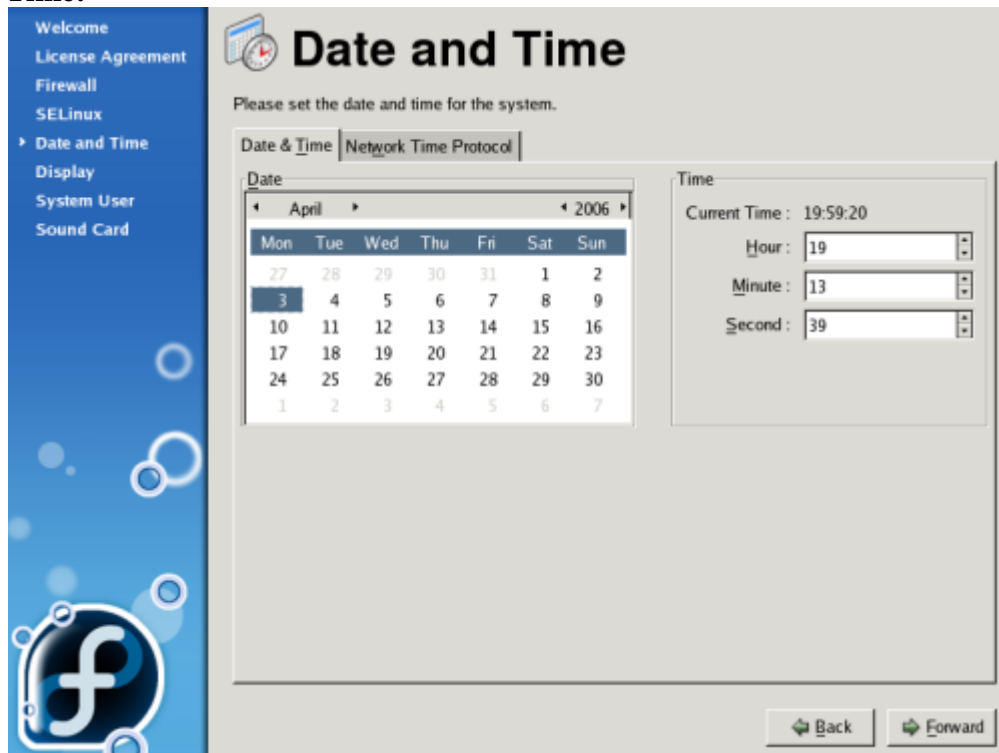
FORWARD.....

SELinux: *DISABLE SE LINUX.....*



FORWARD.....

Date/Time:




FORWARD.....

Display:

Welcome
License Agreement
Firewall
SELinux
Date and Time
▶ Display
System User
Sound Card

Display

Please select the resolution and color depth that you wish to use:



LCD Panel 1024x768 with Cirrus Logic GD 5446

Resolution: 1024x768

Color Depth: Millions of Colors

FORWARD.....

System User: *Do not create a system user.....* Continue Without creating.

Welcome
License Agreement
Firewall
SELinux
Date and Time
Display
▶ System User
Sound Card

System User

It is recommended that you create a system 'username' for regular (non-administrative) use of your system. To create a system 'username,' please provide the information requested below.

Username:

Full Name:

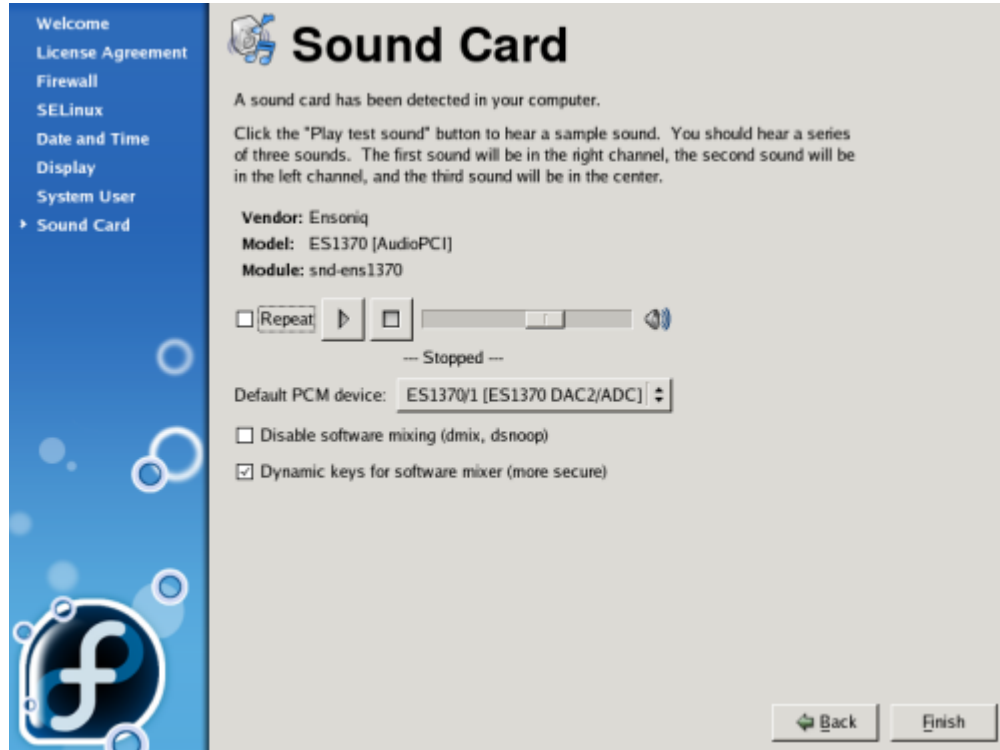
Password:

Confirm Password:

If you need to use network authentication, such as Kerberos or NIS, please click the Use Network Login button.

FORWARD.....

Sound card:



FINISH....

Reboot when prompted login as root.

Password xxxxx

We used KDE....

Under Applications, Administration, Users and Groups.

- Add User
 - User Name macro
 - Full Name EG MacroView
 - Password xxxxx
 - Confirm xxxxx
 - Login Shell /bin/bash
 - Check Create home directory
 - Home Directory: /u/macro
 - Check Create a private group for this user.
 - OK.....

Install FTP:

Under System Add/Remove Software.

Under Servers, Check FTP Server, Check *proftpd*, *purftpd*. * *Note this will also install vsftpd.....*

RESTART....

LOGIN.....as macro

Your home directory should be /u/macro...

Check the Services *vsftpd*.

Check, Save and Reboot....

FTP should now be running.

Start Telnet:

Under Administration, Services, Server settings.

On Demand services

Check telnet

SAVE.....

Start REXEC:

Under Administration, Services, Server settings.

Check rexec

SAVE....

REBOOT...

Change directory owner:

As the /u/ directory was made as root, As root user cd / .

#chown macro u

#chgrp macro u

#chmod 774 u

Now the macro user is the u directory owner.....

Install Open Motif 2.2.3-2.i386.rpm:

Install openmotif.

```
#rpm -ivh openmotif.2.2.3-2.i386
```

If it returns a newer version is installed, uninstall.

```
#rpm -e openmotif.2.x.x.x
```

Then install 2.2.3-2.

Set Bash Shell:

```
# .bash_profile
```

```
# Get the aliases and functions
```

```
if [ -f ~/.bashrc ]; then
```

```
    . ~/.bashrc
```

```
fi
```

```
# User specific environment and startup programs
```

```
PATH=$PATH:$HOME/bin:/u/macro/bin:/usr/local/bin:/usr/X11R6/bin
```

```
export PATH
```

```
unset USERNAME
```

```
export LD_LIBRARY_PATH=/usr/X11R6/lib
```

```
export MACRODIR=/u/macro/config
```

```
export SCANRATE=1
```

```
export CLRSPAD=1
```

```
export ENGDIR=/u/macro/eng/engdir
```

```
export EZENGDIR=$HOME/ezeng/dgt
```

```
export MV_HELP_PATH=$HOME/help/lib
```

```
export NAVDIR=/u/macro/nav
```

```
export DBPATH=/usr/local/lib/dbaseiv
```

```
export DBTERM=xterm
```

```
LD_LIBRARY_PATH=/usr/X11R6/lib
```

```
export LD_LIBRARY_PATH
```

Install CDBF:

Install into /usr/local/bin

Untar and Unzip CDBF_Linux_Full.tgz

```
$ su -l
```

```
#cd /usr/local/bin
```

```
#tar zxvf cdbf_linux_full.tgz
```

License CDBF

Visit <http://www.whitetown.com>

Set KDE Konsole Encoding to Western European (ibm850).

Size select Xterm.

Save as Default.

To modify structure MUST BE SUPERUSER

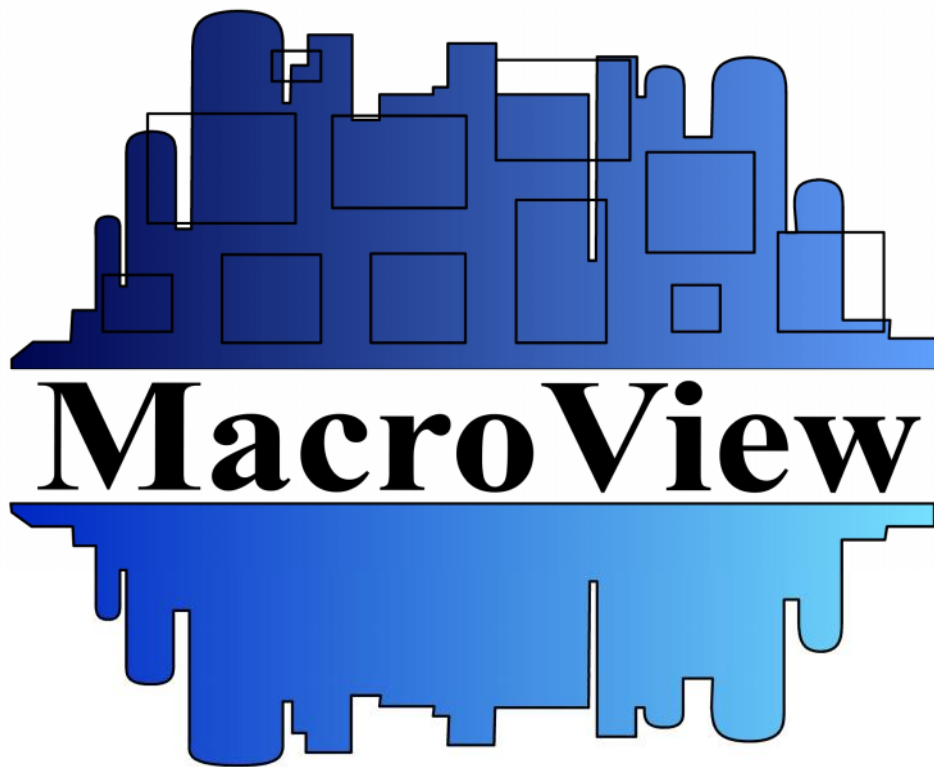
To run cdbf in xterm

```
Xinit -- :2
```

```
$mwm &
```

```
$konsole
```

```
$cdbf
```



Install *MacroView*:

Get the latest *MacroView* Binaries.

This guide is based on the current version 3.12.1.

You should be in your HOME directory /u/macro....

Copy the files from the CD/DVD or FTP them into /u/macro DIR.

Unzip the files....

```
$ gunzip MacroViewLinux3.12.tar.gz
```

Untar the files....

```
$ tar xvf MacroViewLinux3.12.tar
```

All the MacroView files should be in the current directory.

Install the Start file:

```
cd into the /etc  
vim rc.local  
/u/macro/system/xxxx.mv
```

```
REBOOT.....  
LOGIN....macro  
Run xops3...
```

Should return *“The License for this application has expired, or the license manager is not running.*
Failed to get license. Exiting....

License MacroView:

```
Get the machine ID  
$mvledit -mid
```

The machine ID of this machine is : XXXXXXXXXXXX

Contact Sencom...for license.

Install license in the system DIR.

Vim the xxxx.mv file, check all the startup files are correct, Drivers, License etc....

```
REBOOT.....
```