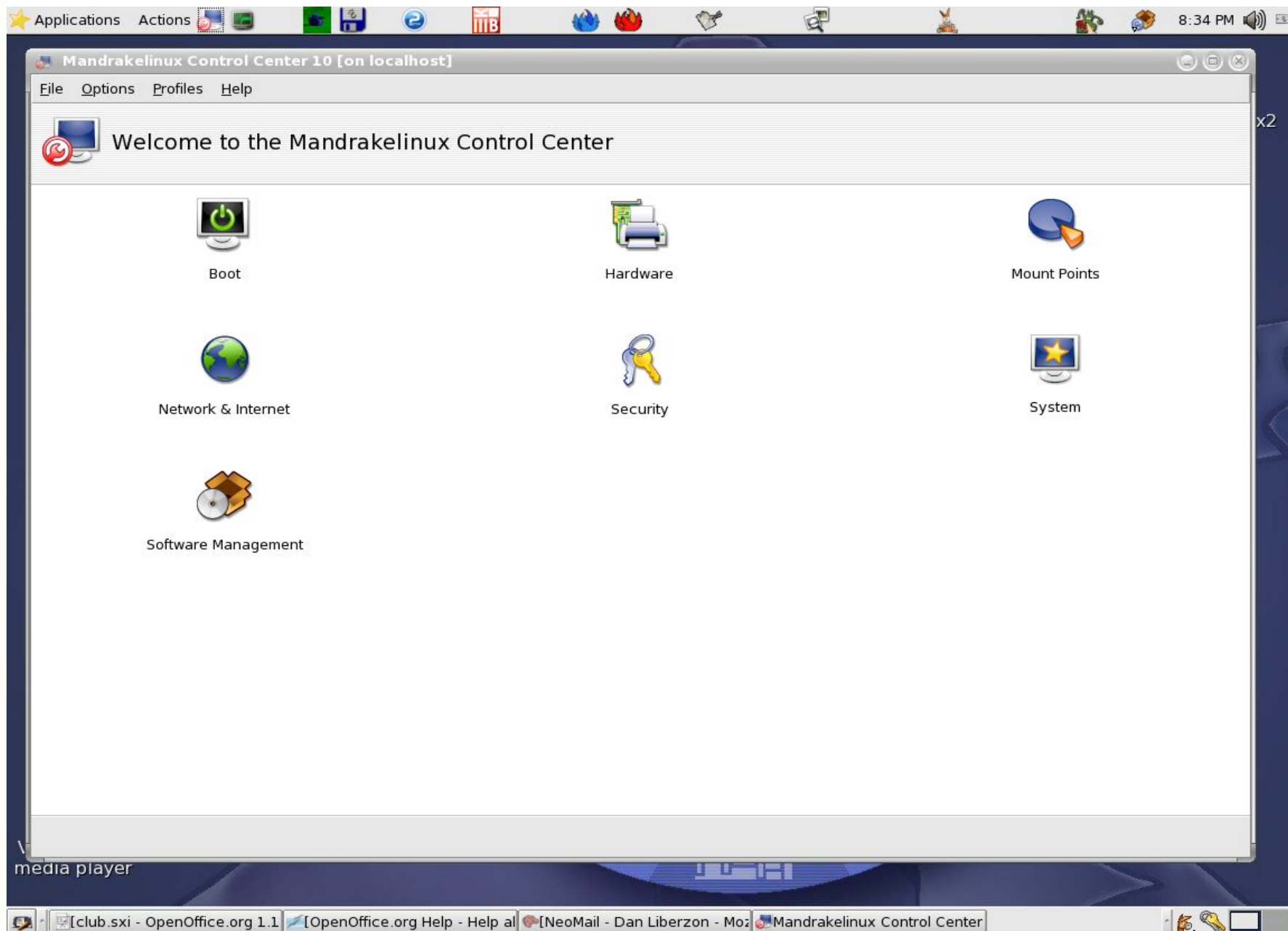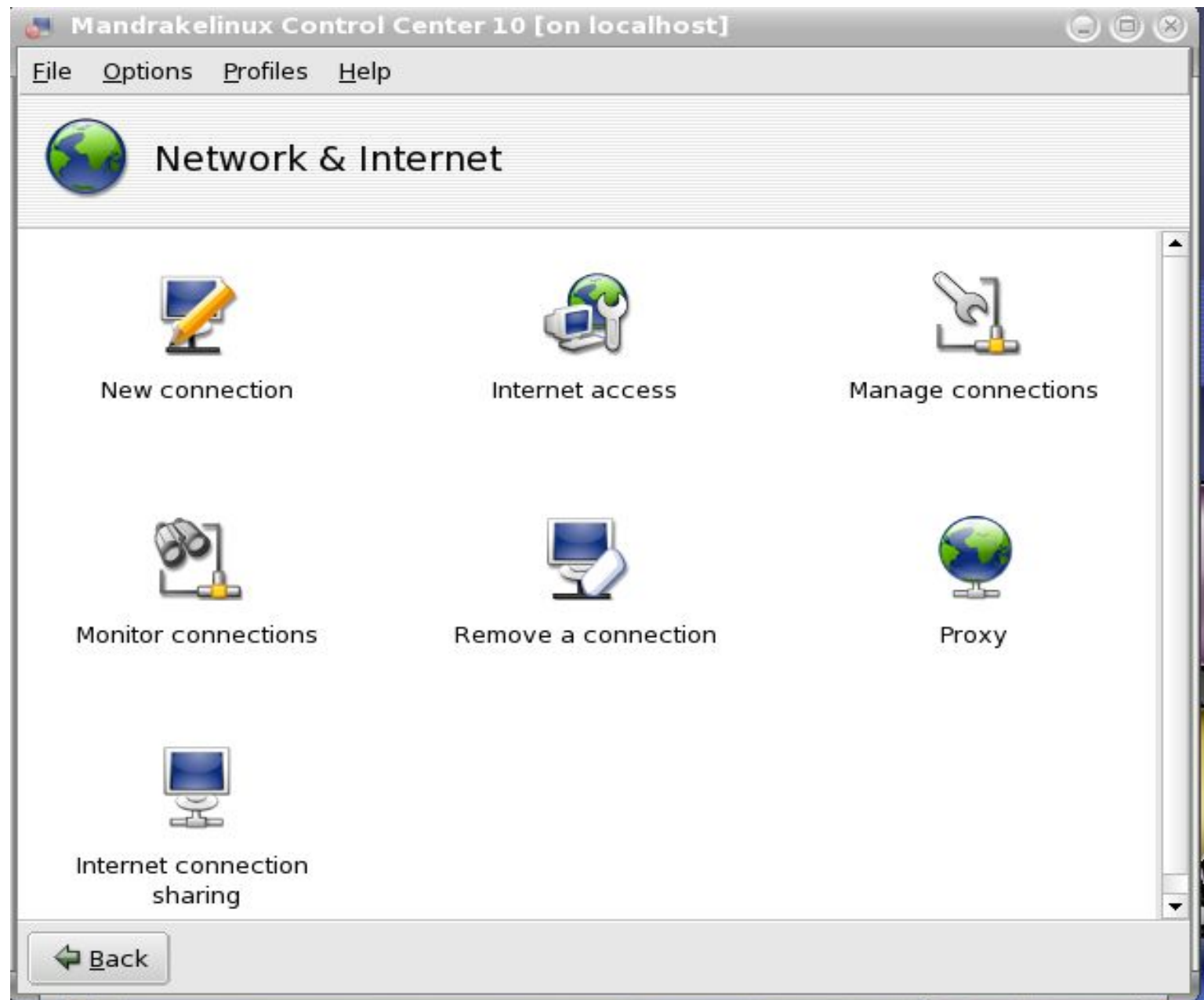# MandrakeLinux

- *MCC – Mandrake Control Center*

- *MCC in distress*

- *To update or not to update*

- */mnt   /home   /boot   /etc... -- Where is LILO ?*

- *Kernel sources & Kernel update – How not to fall !?*

- *3rd Party modules (drivers) – install – update – install – update...*

- *RPM's (binary) or Sources (compile)*

- *Firewall with GUI ?*

- *First aid*

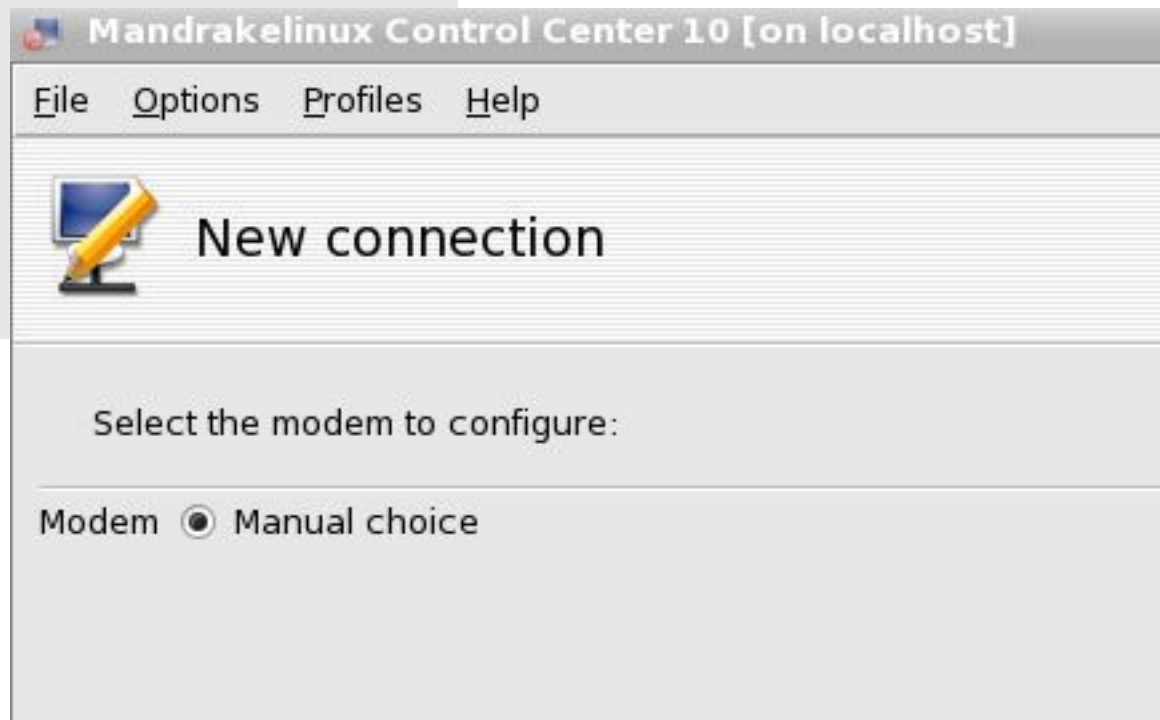- *Little tricks: more free space, where are the RPM's ? ...*

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MCC – Men best frend

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All people need INTERNET

Dan Liberzon <liberzon@eng.tau.ac.il>

Easy and smart

Connect & Monitor

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Hardware configuration is in /etc ?

Mandrakelinux

Mandrakelinux Control Center 10 [on localhost]

File   Options   Profiles   Help

Mouse

Please choose your mouse type.

▷ PS/2
▷ USB
▽ Universal
    Any PS/2 & USB mice

Mandrakelinux Control Center 10 [on localhost]

File   Options   Profiles   Help

Keyboard

Please, choose your keyboard layout.

Mandrakelinux Control Center 10 [on localhost]

File   Options   Profiles   Help

Screen resolution

Choose the resolution and the color depth
(Graphics card: NVIDIA GeForce4 (generic))

1152x864

16 million colors (24 bits)

Cancel   Ok

Ok

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Where is /etc/modules.conf ?

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MCC - distress

- **Login**

- **Boot manager / rescue**

- **Users / Root / Groups**

- **Mount points**

- **No GUI ?!**

- **Packages (RPM) - URPMI**

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Mandrakelinux

Mandrakelinux Control Center 10 [on localhost]

File   Options   Profiles   Help

Boot loade

☒ La
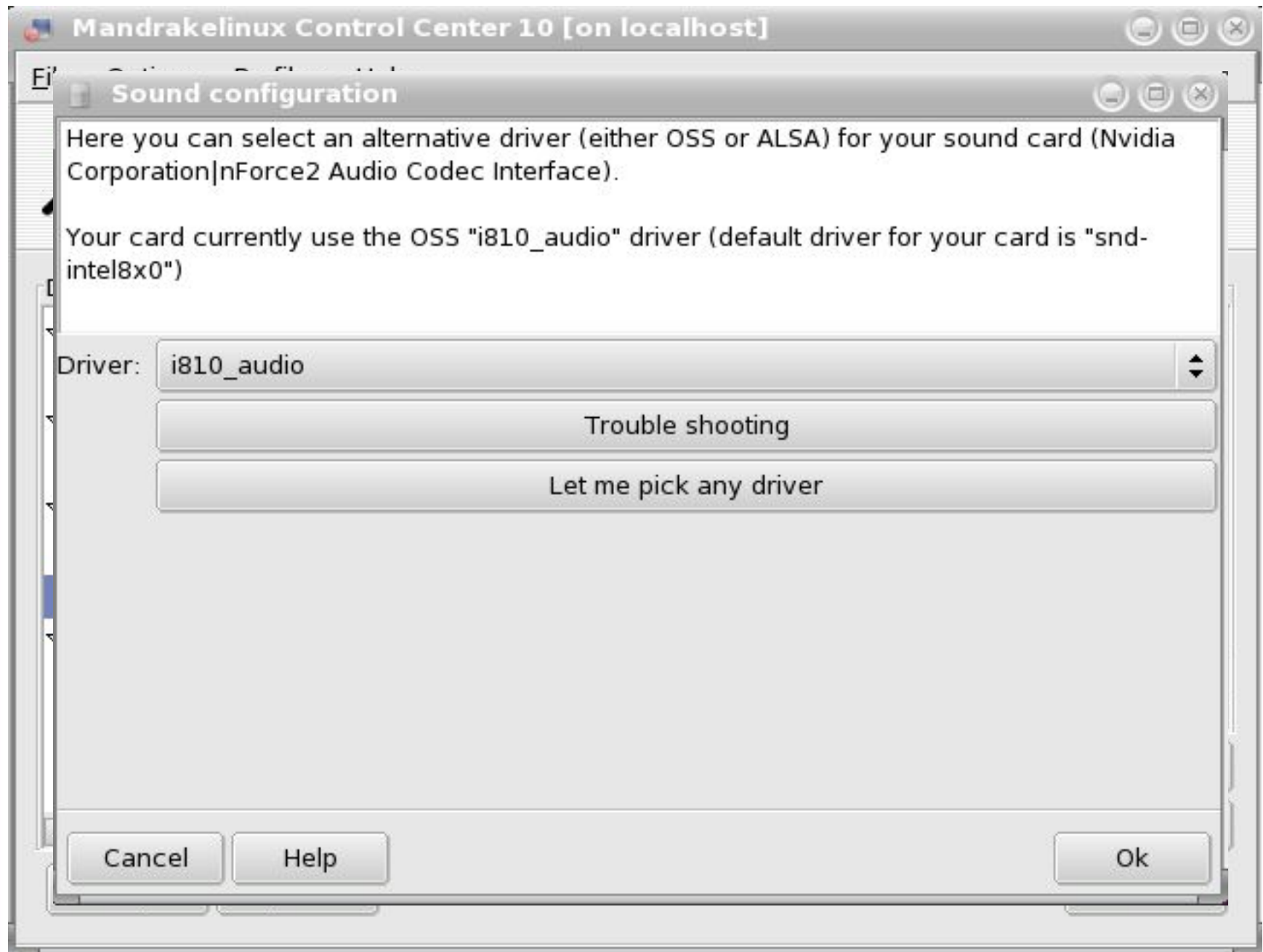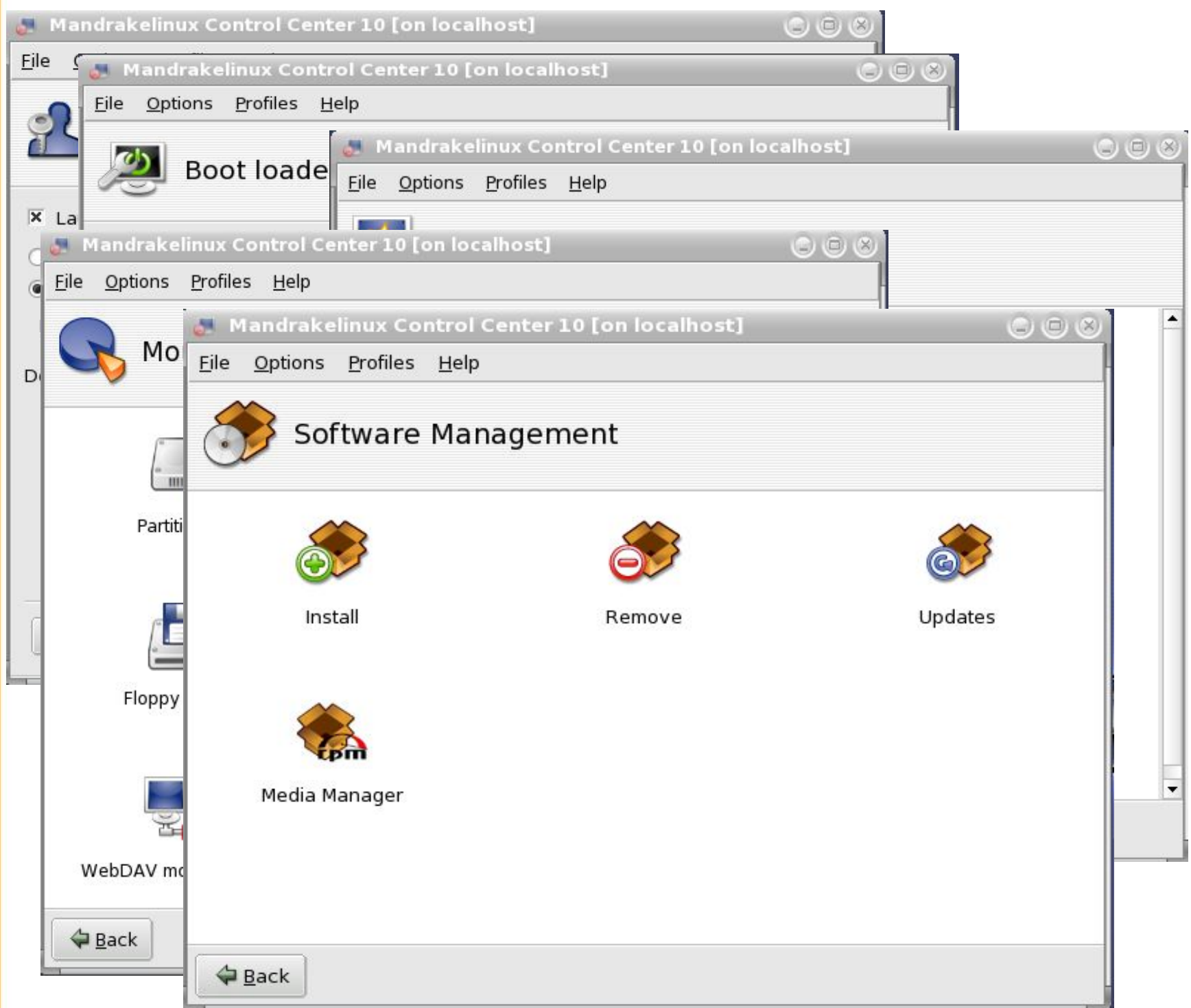
Mandrakelinux Control Center 10 [on localhost]

File   Options   Profiles   Help

Mandrakelinux Control Center 10 [on localhost]

File   Options   Profiles   Help

Mo

Partiti

Floppy

WebDAV mo

◀ Back

Mandrakelinux Control Center 10 [on localhost]

File   Options   Profiles   Help

Software Management

Install   Remove   Updates

Media Manager

◀ Back

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To update or not ?

Yes!! BUT....

Check the FTP tree names..
ftp://ftp.fh-giessen.de/pub/linux/Mandrakelinux/official/updates/10.0/RPMS

To advance to next release – 'main/distro' set as update source

Easy URPMI:
http://urpmi.org/easyurpmi/index.php

!! ALWAYS BACKUP !!

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Where is LILO or 'How to boot?'

- /etc/lilo.conf

- Can be configured using MCC

- Kernel (vmlinuz) is in /boot

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Kernel.MDK

Precompiled kernels:

➤tmb = *experimental*

➤up-4GB = *big memory (RAM)*

➤linus = *original, no patches (old)*

➤enterprise = *for big servers*

➤multimedia = *well it says it all :)*

➤secure = *more security*

➤smp = *more than 1 CPU*

➤uml = *for user experiments (virtual machine)*

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Kernel.MDK - UPDATE

1. Update kernel source

2. Install new kernel from same version

3. Configure LILO (by your self – better in text mode)

4. Reboot !!!

5. Remove old kernel

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3rd party modules

choose

1. Install kernel-source (versions, versions,versions.....)

2. Read the manual – It's good to read!

3. Compile and install

4. Reboot

1. Install RPM

2. Read the manual – It's good to read!

3. Configure the rest

4. Reboot

ENJOY !!

updated the kernel ?

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RPM's or Sources

➤ *Mostly RPM's... but:*

    Multimedia: video players/editors and codecs – use both

    Cutting edge releases

➤ *How not to mess up the files tree ? :*
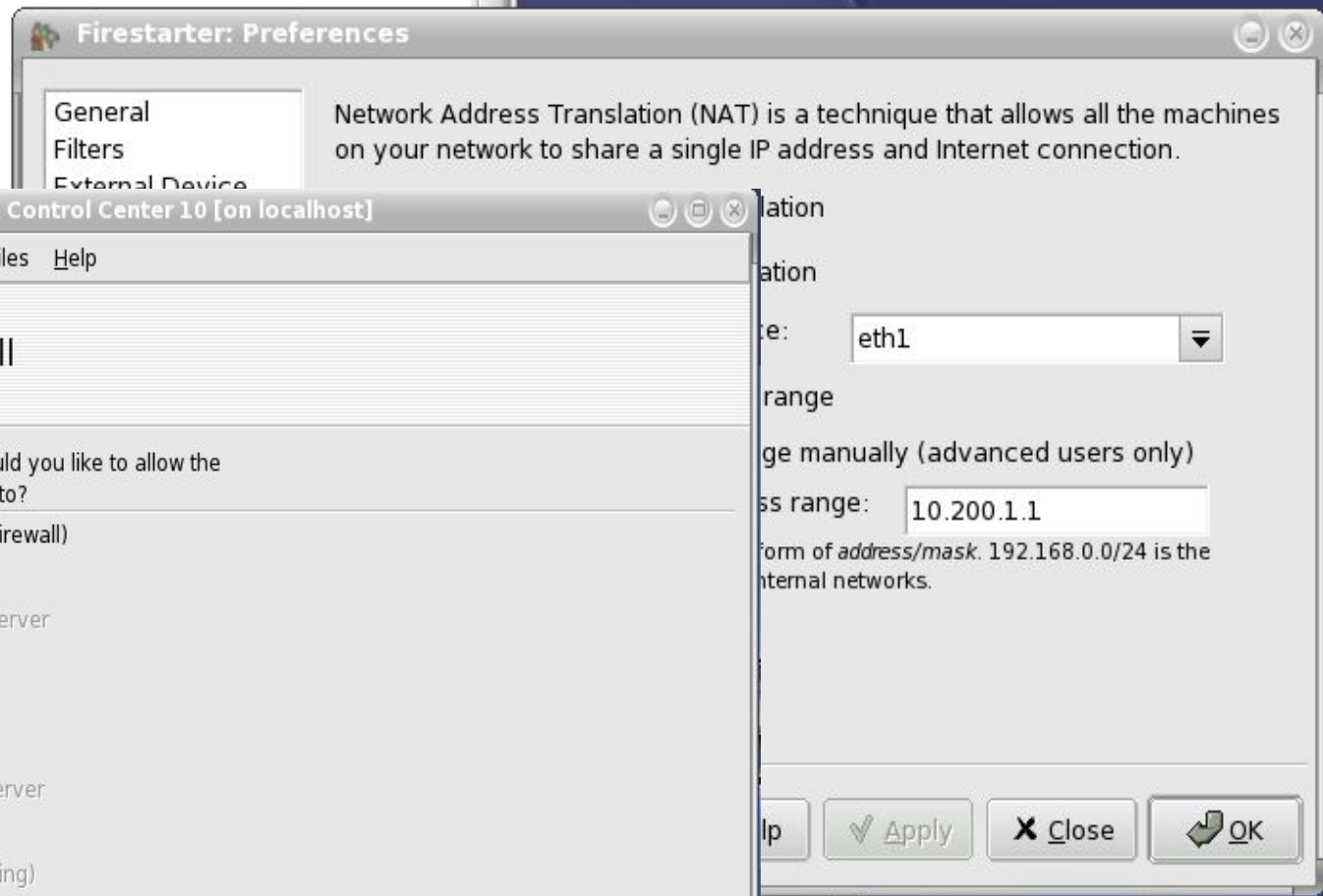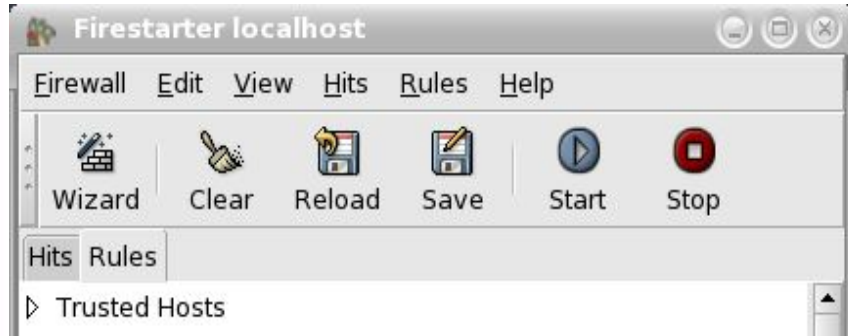
    Keep the source for later un-install

    Install to different tree

    Make symbolic links of pkgconfig – do not copy

➤ *Use PLF – it will liberate you!*

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Secure your box !

➢ *Check Root Kit – From RPM*

➢ *Firewall with GUI – Firestarter or Guardog – RPM*

➢ *Firewall with GUI – MCC -> Security -> Firewall (limited)*

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Doe's all mandrakies know this?

➢ *RPM'S failed installation are in /var/cache/urpmi/rpms - delete them!*

➢ *What is this scary bomb icon ?*
   1. delete them !
   2. add ulimit -c 0 to /etc/X11/Xsession

➢ *Cooker is for you ?*

➢ *Official or Community ?*

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