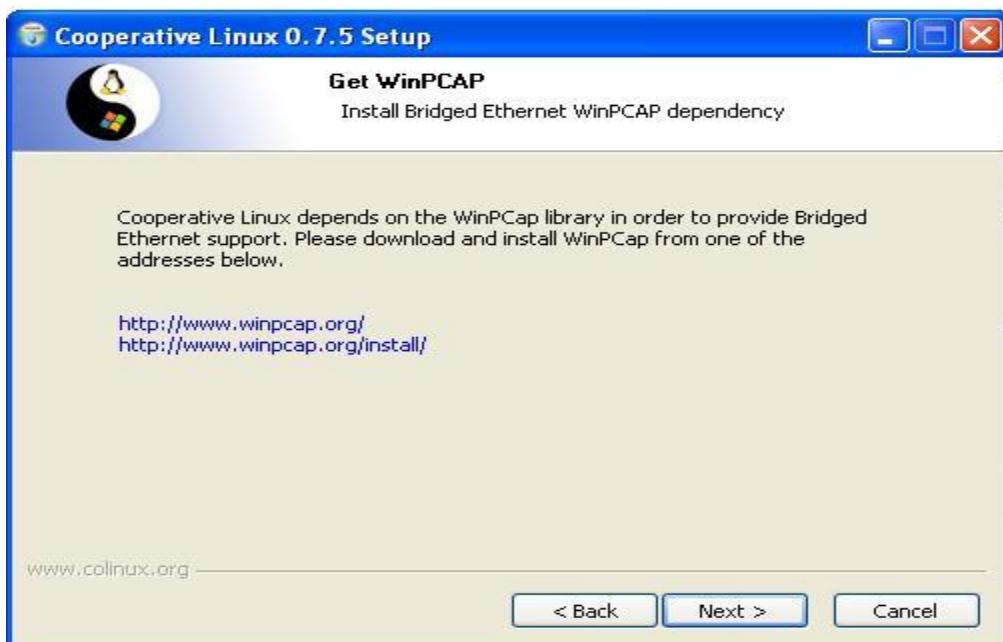
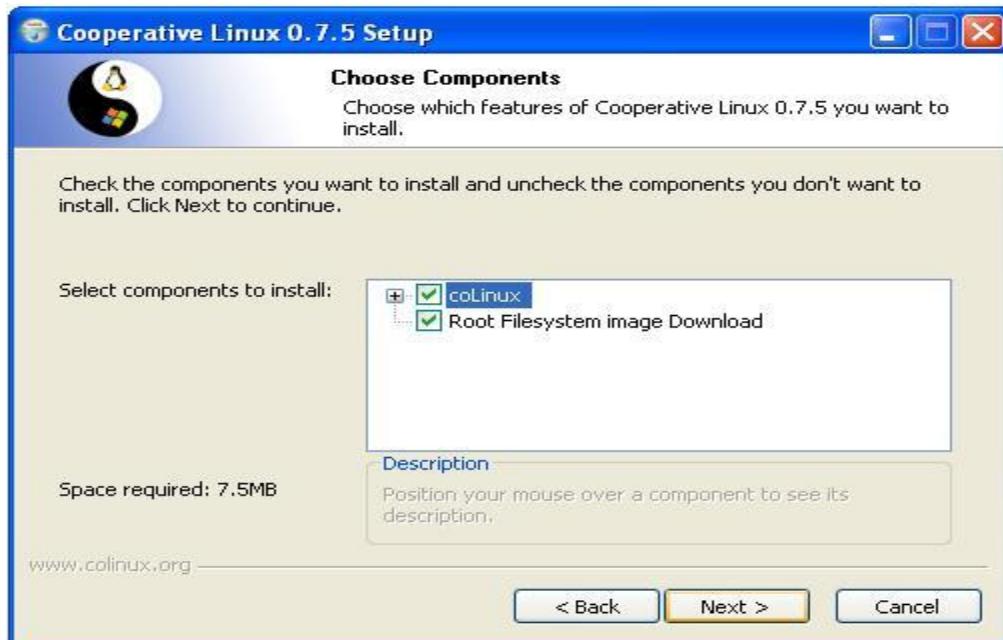


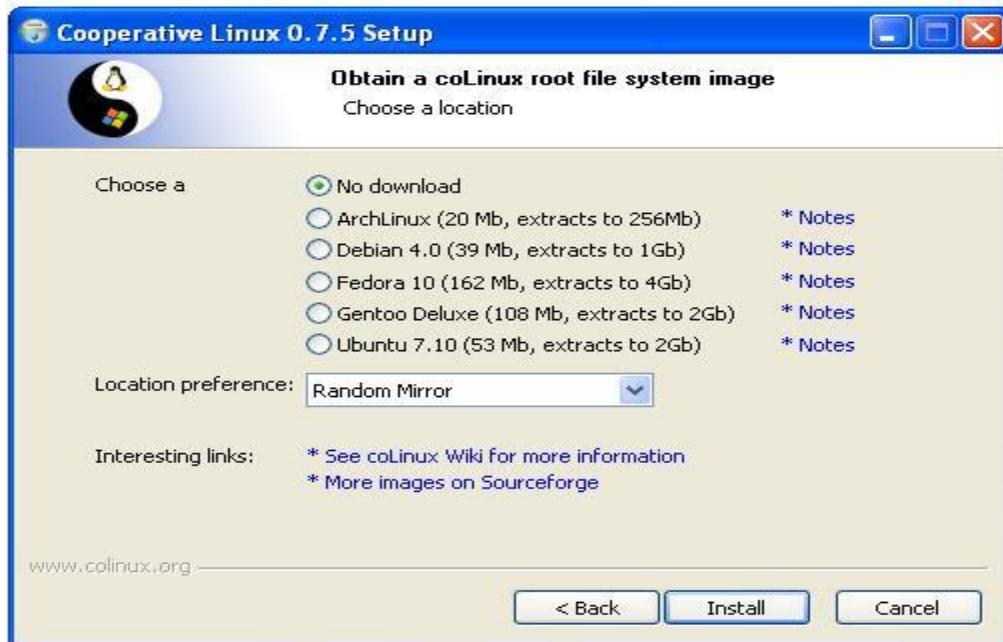
Colinux: Cooperative Linux installations and configurations in windows

Cooperative Linux is the first working free and open source method for optimally running Linux on Microsoft Windows natively. More generally, Cooperative Linux (short-named coLinux) is a port of the Linux kernel that allows it to run cooperatively alongside another operating system on a single machine. For instance, it allows one to freely run Linux on Windows 2000/XP/Vista/7, without using a commercial PC virtualization software such as VMware, in a way which is much more optimal than using any general purpose PC virtualization software.

Installation

Download it from www.colinux.org/





I installed C:\Program Files\coLinux>

so start the basic package i should use

colinux-daemon kernel=vmlinux initrd=initrd.gz root=/dev/ram0 from a command window

```
C:\WINDOWS\system32\cmd.exe - colinux-daemon
File Monitor Help
audit: initializing netlink socket <disabled>
audit(1262858570.640:1): initialized
UFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 4)
dflush: 0.1 (API version 2.2)
io scheduler deadline registered
io scheduler anticipatory registered <default>
io scheduler deadline registered
io scheduler cfq registered
RAMDISK driver initialized: 16 RAM disks of
cobd: loaded (max 32 devices)
loop: module loaded
serio: cokbd at irq 1
mice: PS/2 mouse device common for all mice
input: Cooperative Mouse as /class/input/input0
comouse: initialized
TCP cubic registered
NET: Registered protocol family 1
NET: Registered protocol family 17
Using IPI Shortcut mode
input: AT Translated Set 2 keyboard as /class/input/input1
RAMDISK: Compressed image found at block 0
VFS: Mounted root (ext2 filesystem).
Freeing unused kernel memory: 136k freed
NET: Registered protocol family 1
NET: Registered protocol family 17
Using IPI Shortcut mode
input: AT Translated Set 2 keyboard as /class/input/input1
RAMDISK: Compressed image found at block 0
VFS: Mounted root (ext2 filesystem).
Freeing unused kernel memory: 136k freed

Please press Enter to activate this console.
init: Bummer, can't write to log on /dev/vc/5!
Starting pid 746, console /dev/ttys: '/bin/sh'

BusyBox v1.00-rc3 (2004.08.19-21:10+0000) Built-in shell (ash)
Enter 'help' for a list of built-in commands.

#
```

The installation directory should include vmlinux, example.conf, the supplied inux.sys driver and executables, and probably the root filesystem image. Be sure to review the config file for any additional configuration that may be needed.

example.conf contains

```
# The default kernel
kernel=vmlinux
cobd0="c:\coLinux\root_fs"
# This parameter will be forward to Linux kernel.
root=/dev/cobd0
# Need only on first boot.
initrd=initrd.gz
```

now when start using command colinux-daemon.exe @example.conf i am getting error no mount point because of no image files there to start.

so next download it from

http://downloads.sourceforge.net/project/colinux/Root%20FS%20Images%20-%202.4.x-based/Gentoo/gentoo-i686-ext3-1gb.bz2?use_mirror=nchc

extract the file gentoo-i686-ext3-1gb and rename to gentoo-i686-ext3-1gb.img then edit the bat file
colinux-daemon.exe kernel=vmlinux initrd=initrd.gz mem=256 cobd0="C:\Program
Files\coLinux\gentoo-i686-ext3-1gb.img" root=/dev/cobd0 eth0=slirp,,tcp:5901:5900 ro
user:root and no password

Using Debian

Files is 7-z format so download 7zip and extract change the bat file with colinux-daemon.exe
kernel=vmlinux initrd=initrd.gz mem=256 cobd0="D:\coLinux\Debian-5.0r2-lenny\Debian-5.0r2-lenny.ext3.2gb" root=/dev/cobd0 eth0=slirp,,tcp:5901:5900 ro

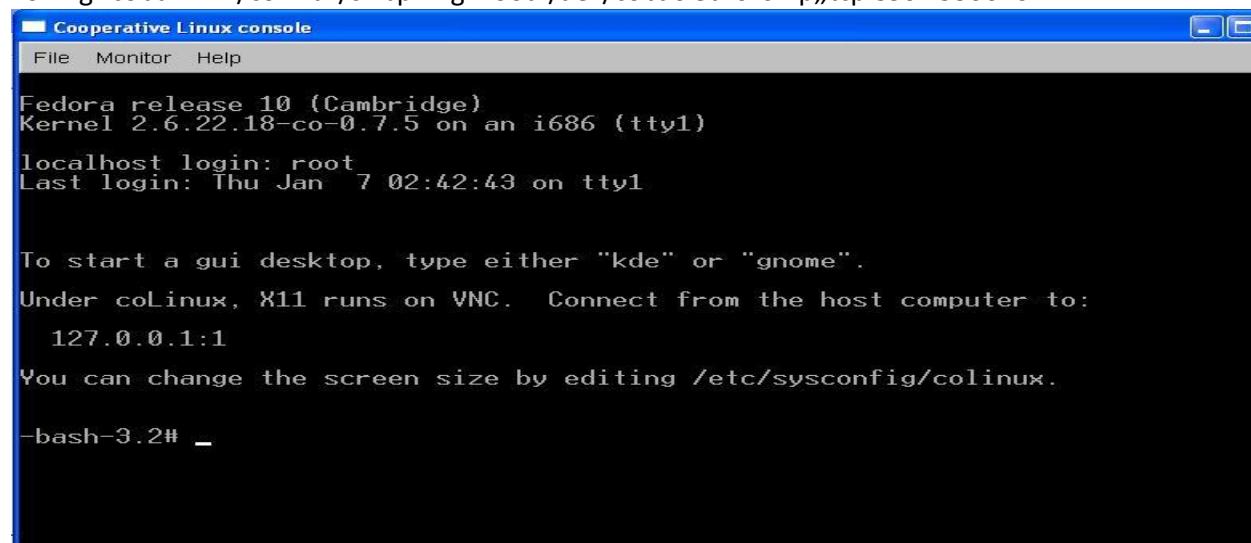
Logins colinux:colinux or root:colinux

Using fedora(user root no password)

Down load the source image(exe) from the suorceforge.net and extract will get a .bat file,image file and swap file.

Edit the bat file wher your image and strart using

Example: colinux-daemon.exe kernel=vmlinux initrd=initrd.gz mem=256 cobd0="D:/coLinux/Fedora-10.img" cobd1="D:/coLinux/swap.img" root=/dev/cobd0 eth0=slirp,,tcp:5901:5900 ro



The screenshot shows a terminal window titled "Cooperative Linux console". The window has a menu bar with "File", "Monitor", and "Help". The terminal output is as follows:

```
Fedora release 10 (Cambridge)
Kernel 2.6.22.18-co-0.7.5 on an i686 (tty1)

localhost login: root
Last login: Thu Jan  7 02:42:43 on tty1

To start a gui desktop, type either "kde" or "gnome".
Under coLinux, X11 runs on VNC. Connect from the host computer to:
  127.0.0.1:1
You can change the screen size by editing /etc/sysconfig/colinux.

-bash-3.2#
```

In the bottom left corner of the terminal window, there is a status message: "Cooperative Linux console started Monitor2936: Attached".

Running as a service

colinux-daemon.exe @example.conf --install-service "Cooperative Linux"
net start "Cooperative Linux"

and then go to the installation directory and double-dick on
colinux-console-fltk.exe OR colinux-console-nt.exe

remove the service : colinux-daemon.exe --remove-service "Cooperative Linux"

FLTK console:

Win+V inserts text from copy & past buffer

NT console:

Ctrl+Alt+Shift+Del sends Ctrl+Alt+Del to Linux

Win+LeftAlt detach from colinux