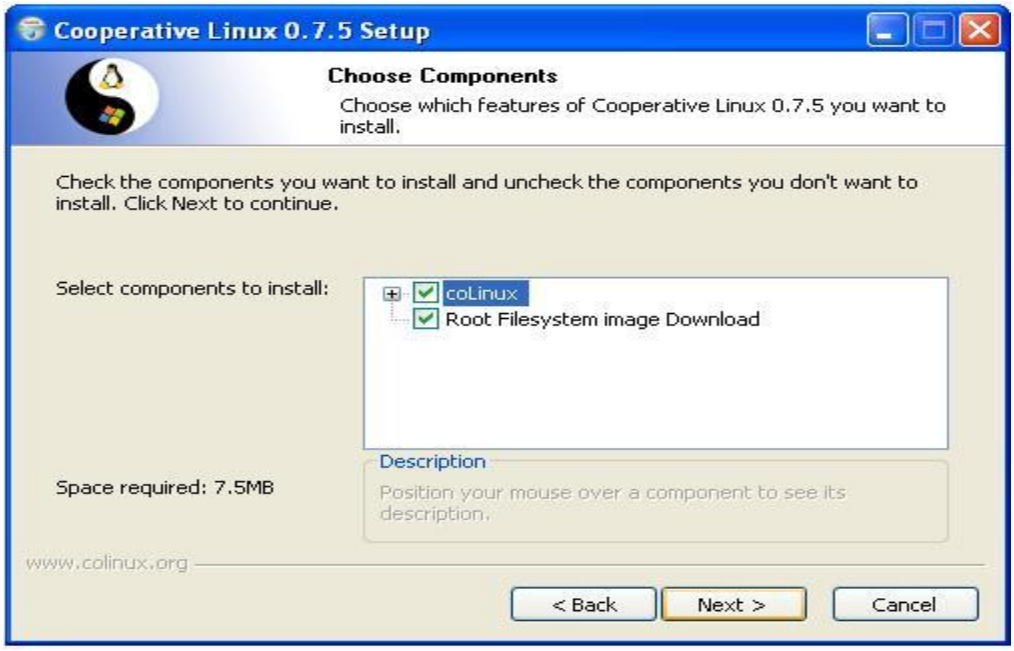
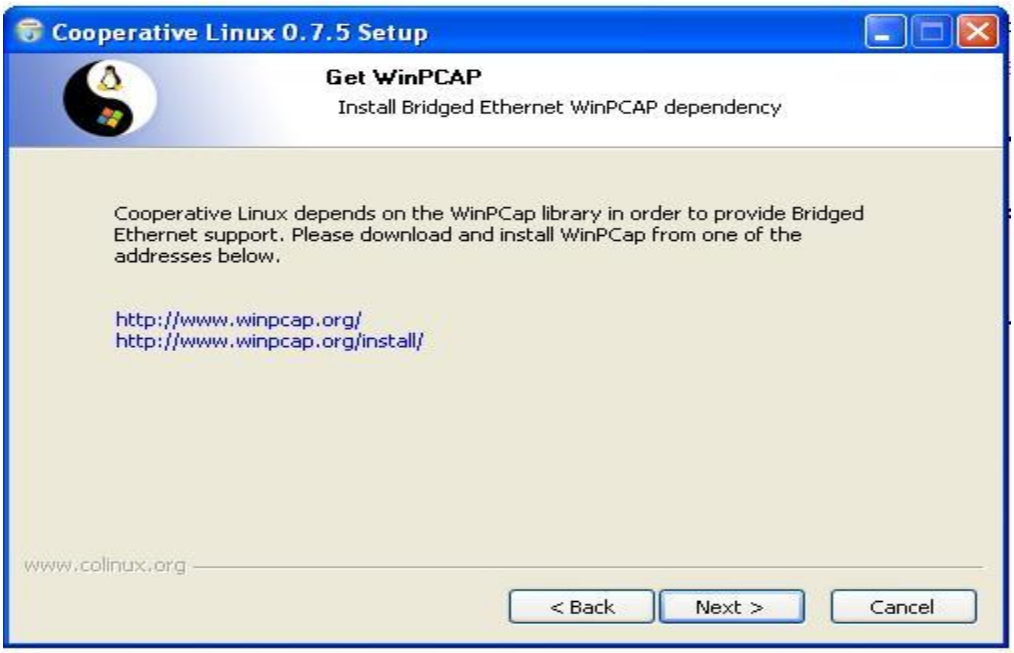
Colinux: Cooperative Linux installations and configurations in widows

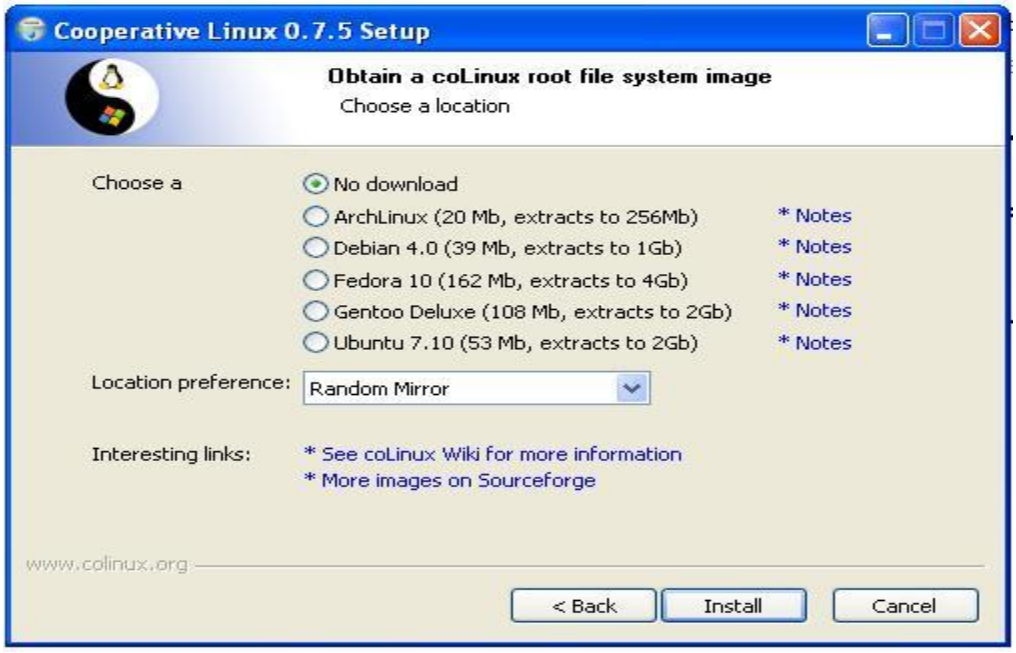
Cooperative Linux is the first working free and open source method for optimally running Linux on Microsoft Windows natively. More generally, Cooperative Linux (short-named coLinux) is a port of the Linux kernel that allows it to run cooperatively alongside another operating system on a single machine. 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

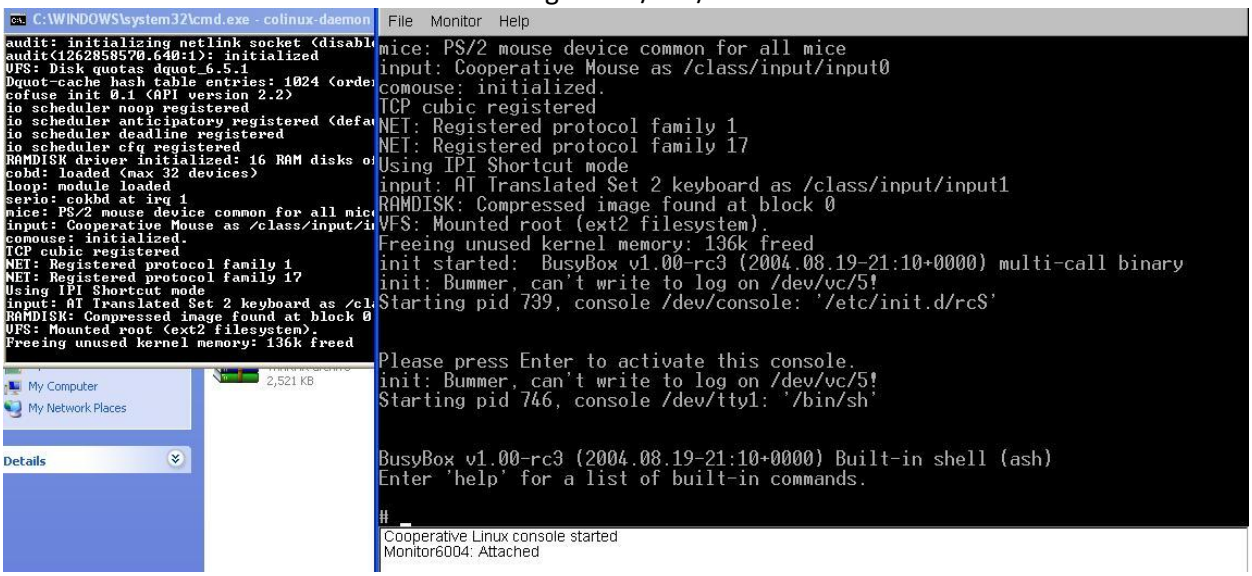
Download it from www.colinux.org/







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

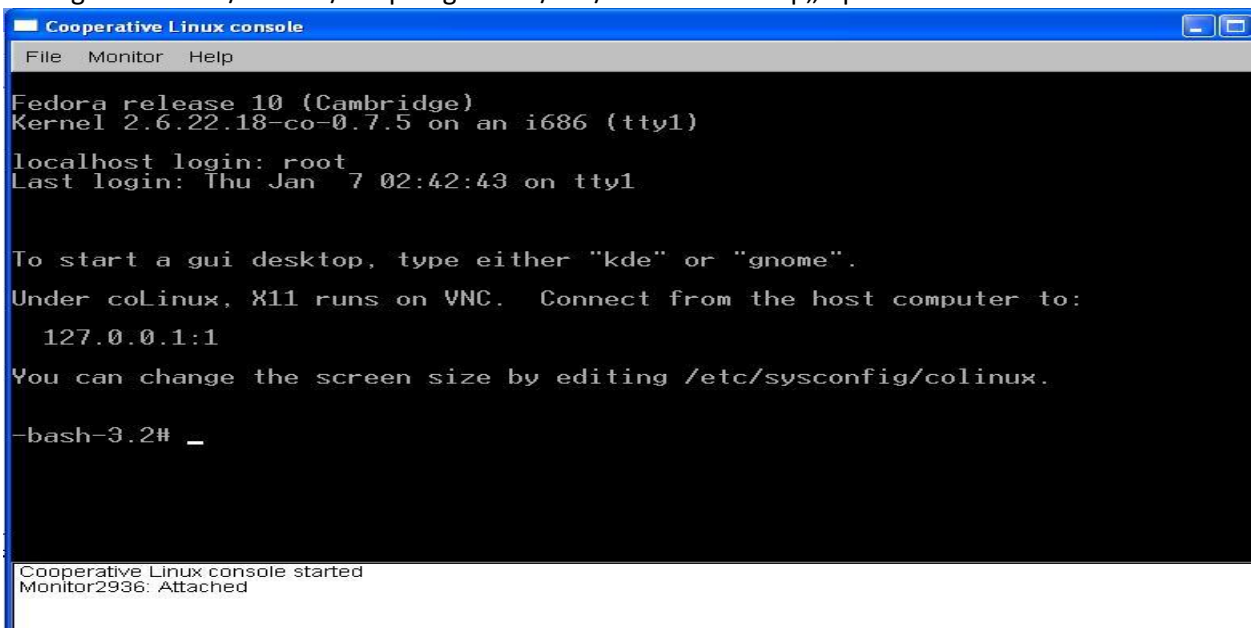


The installation directory should indude vmlinux, example.conf, the supplied inux.sys driver and executables, and probably the root filesystem image. Be sure to review the config file for any additional configuration that may be needed.

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



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-click 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