Linux is Like Cars

Linux is Like Cars

Presentation by:

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Linux is Like Cars

Also wears the hat as:

John Kennedy, Advisor
APCUG Region 6/7

Member of
APCUG Speaker's Bureau

Linux is Like Cars

Welcome to the
Linux Showroom

Why So Many?

F.O.S.S.

Free and Open Source Software

Someone's Potluck Dish:

- Have the “dish”, making it available to others (free).
- Have the recipe (source and open), to do what you want with it.
- This is how Linux operates, everything about it is open to everyone to do what they wish.

Linux is Like Cars

What I would like to cover:

Comparisons

- Engine vs. Kernel
- Manufacturers vs. Distributors
- Body Styles vs. Desktop Environments
- Auto Parts vs Software Packages
- Taking it for a “test drive”
- Which Car/Linux is Best

Engine Inventors

-the engine is a device that manages input/output (gas goes in, power comes out) actions

<u>The Original Players</u>:

- 1870 – Siegfried Marcus
- 1886 – Benz/Daimler

Kernel Inventors

-the kernel is a computer program that manages input/output requests from software

The Original Player:

- 1991 – Linus Torvalds

Auto Builders

The Original Cars:

- Duryea Motor Wagon
- Olds
- Ramblers
- Ford
- Cadillac

Linux Systems

The Original Systems:

- 1993 – Slackware
- 1993 – Debian
- 1994 – Red Hat

Win3.0 - 1990

Linux Systems

Additional Systems:

- 1999 – Gentoo
- 2001 – Arch

Auto Manufacturers

The Modern Players:

- General Motors
- Ford
- Chrysler

Auto Manufacturers

The Modern Players:

- Honda
- Toyota
- Nissan

Linux Families

The Recipe Starters:

- Slackware
- Debian
- Red Hat

Linux Families

The Recipe Starters:

- Gentoo
- Arch

Divisions

Each major car manufacturer has multiple divisions where the different “lines” offer additional features (at a cost) or features a special design-style for different buyers.

Some of these divisions have disappeared as finances or needs arise.

Divisions

- General Motors
- Chevy, Pontiac, Olds, Buick, Cadillac
- Ford
- Ford, Mercury, Lincoln
- Chrysler
- Dodge, Plymouth, Chrysler

Divisions

- Honda
- Honda, Acura
- Toyota
- Toyota, Lexus
- Nissan
- Datsun, Nissan, Infiniti

Distributions (Distros)

Each major operating system developer has multiple offerings where the different “lines” offer different looking desktop environments or different hardware specifications for different types of computes.

Some of these “lines” have disappeared as interest in them (both users and developers) changes.

Variations

- Slackware
- SuSE, OpenSuSE
- Debian
- Knoppix, Ubuntu, Mint
- Red Hat
- Fedora, RHEL, Mandrake/Mandriva

Variations

- Arch
- Chakra, Manjaro
- Gentoo
- many individual branches

Body Styles

- Sub-compact
- Economy
- Compact
- Standard
- Full
- Van/Station Wagon
- Luxury
- SUV

Desktop Environments

- KDE
- Gnome
- Xfce
- LXDE
- Trinity
- Unity
- Mate
- Cinnamon

Linux is like Cars

Let's take a walk around the showroom.

The Different DE's

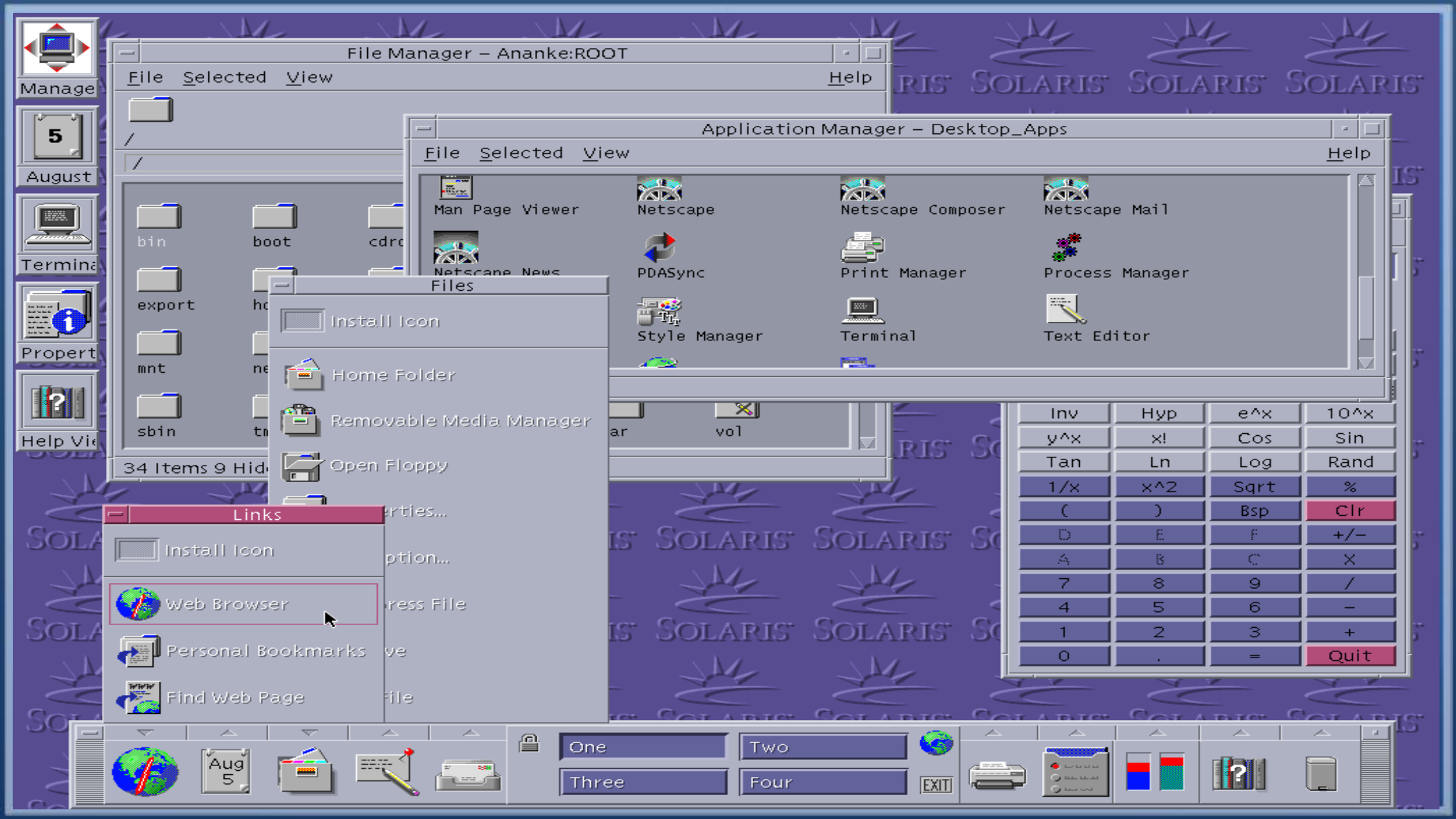
The different Desktop Environments (DE) were created for different hardware needs and different user needs. Some of the DE's (KDE and Gnome) require higher specs than some of the others (Xfce and LXDE).

The Different DE's

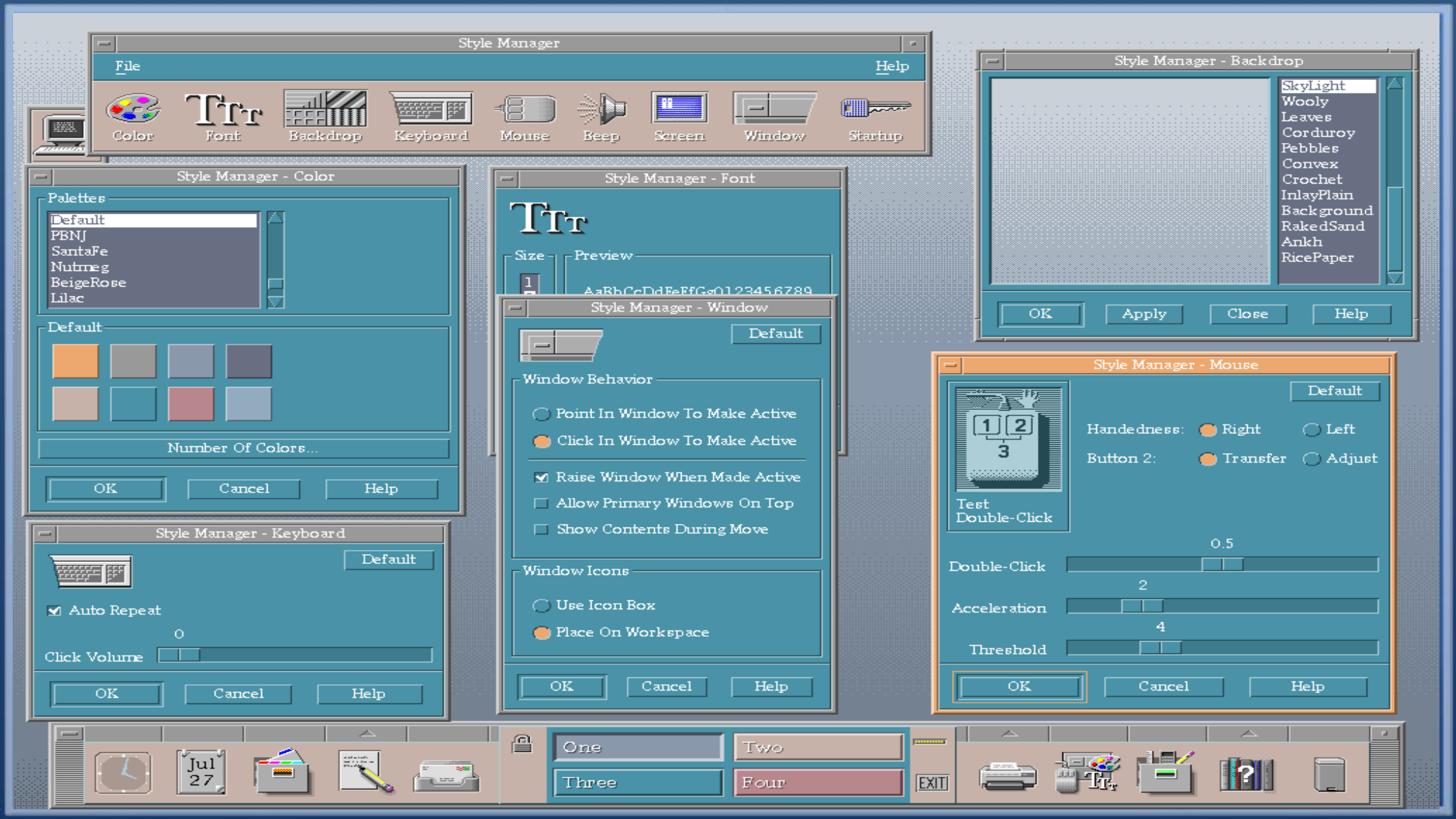
Some of the DE's have lots of bells and whistles, while others are very simple and basics. All of them do pretty much the same thing (like all the different kinds of cars). But Linux is more adaptable to the users needs and limits of their computer hardware.

CDE – v.1: 1993

Win3


Manage
5
August
Termina
Propert
Help Vie
File Manager – Ananke:ROOT
File Selected View Help
/
bin
boot
export
mnt
sbin
vol
34 Items 9 Hid
Application Manager – Desktop_Apps
File Selected View Help
Man Page Viewer
Netscape
Netscape Composer
Netscape Mail
PDASync
Print Manager
Process Manager
Style Manager
Terminal
Text Editor
Files
Install Icon
Home Folder
Removable Media Manager
Open Floppy
Links
Install Icon
Web Browser
Personal Bookmarks
Find Web Page
Inv Hyp e^x 10^x
y^x x! Cos Sin
Tan Ln Log Rand
1/x x^2 Sqrt %
( ) Bsp Clr
D E F +/-
A B C X
7 8 9 /
4 5 6 -
1 2 3 +
0 . = Quit
Aug 5
One
Two
Three
Four
EXIT

CDE – v2.2.4: 2016

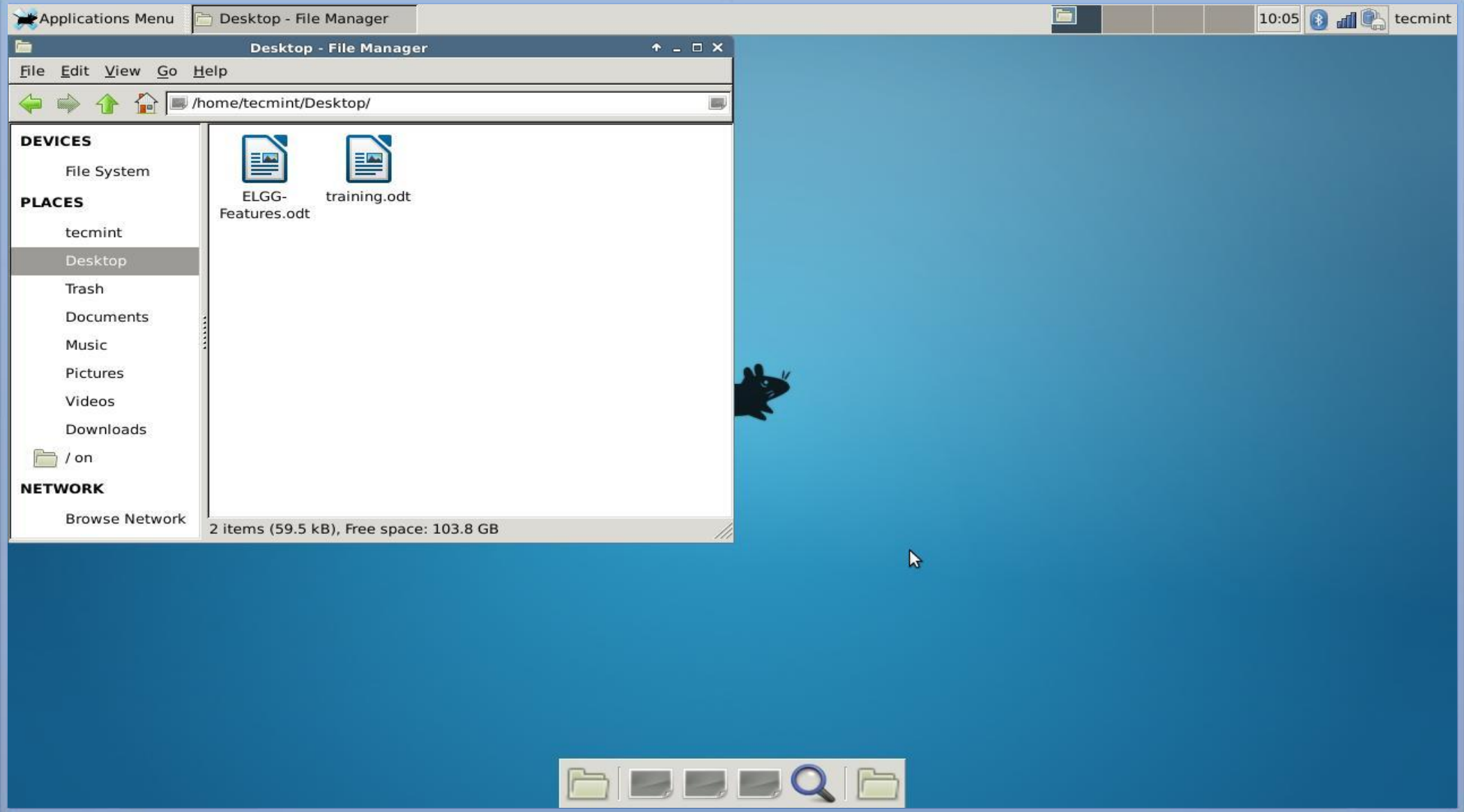

Style Manager
File
Help
Color
Font
Backdrop
Keyboard
Mouse
Beep
Screen
Window
Startup
Style Manager - Backdrop
SkyLight
Wooly
Leaves
Corduroy
Pebbles
Convex
Crochet
InlayPlain
Background
RakedSand
Ankh
RicePaper
OK
Apply
Close
Help
Style Manager - Color
Palettes
Default
PBNJ
SantaFe
Nutmeg
BeigeRose
Lilac
Default
Number Of Colors...
OK
Cancel
Help
Style Manager - Font
Size
Preview
AaBbCcDdEeFfGg0123456789
Style Manager - Window
Default
Window Behavior
Point In Window To Make Active
Click In Window To Make Active
Raise Window When Made Active
Allow Primary Windows On Top
Show Contents During Move
Window Icons
Use Icon Box
Place On Workspace
OK
Cancel
Help
Style Manager - Mouse
Default
Test
Double-Click
Handedness:
Right
Left
Button 2:
Transfer
Adjust
Double-Click
0.5
Acceleration
2
Threshold
4
OK
Cancel
Help
Style Manager - Keyboard
Default
Auto Repeat
Click Volume
0
OK
Cancel
Help
Jul
27
One
Two
Three
Four
EXIT

Xfce* – v1: 1996

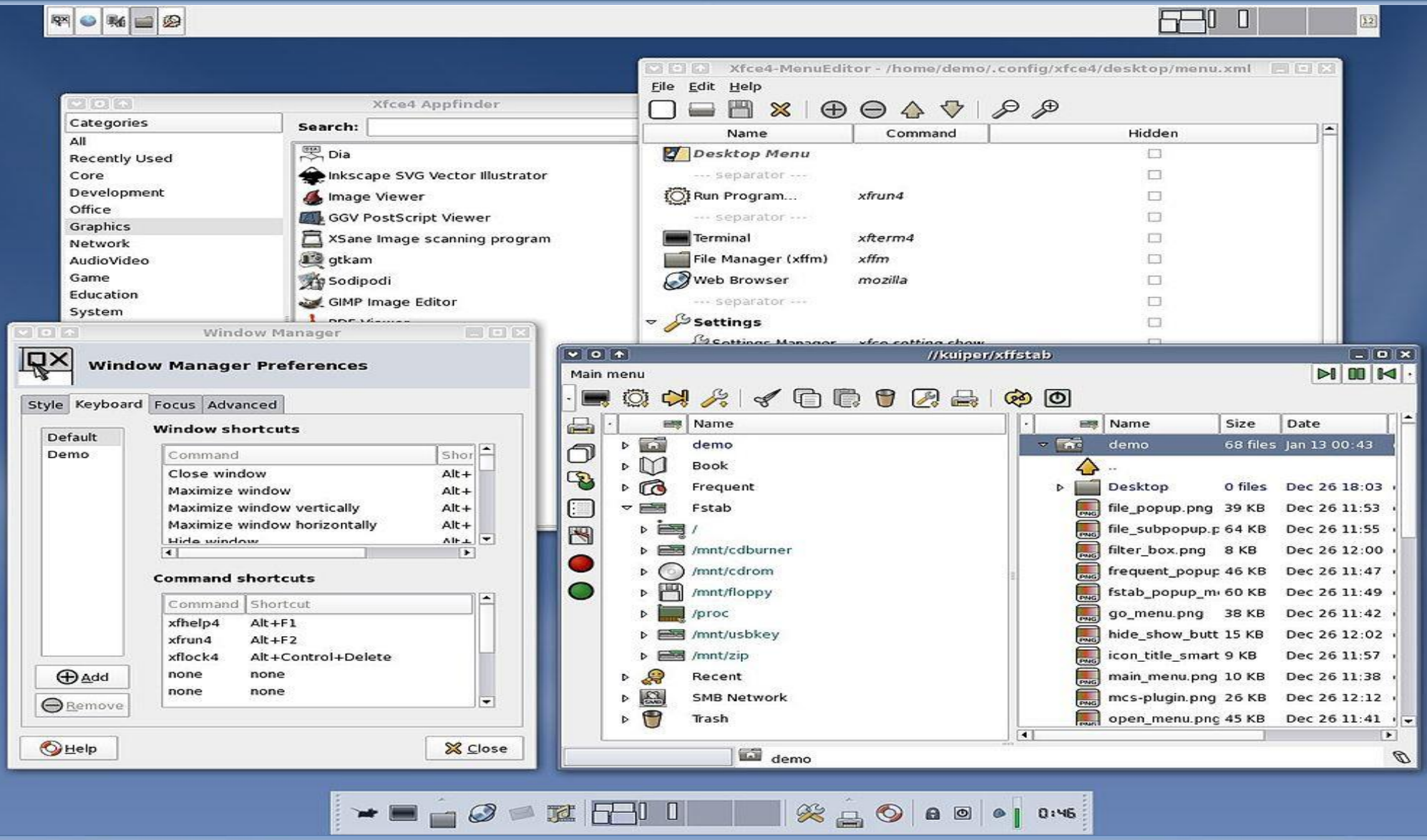
Win95

XFCE
19:30

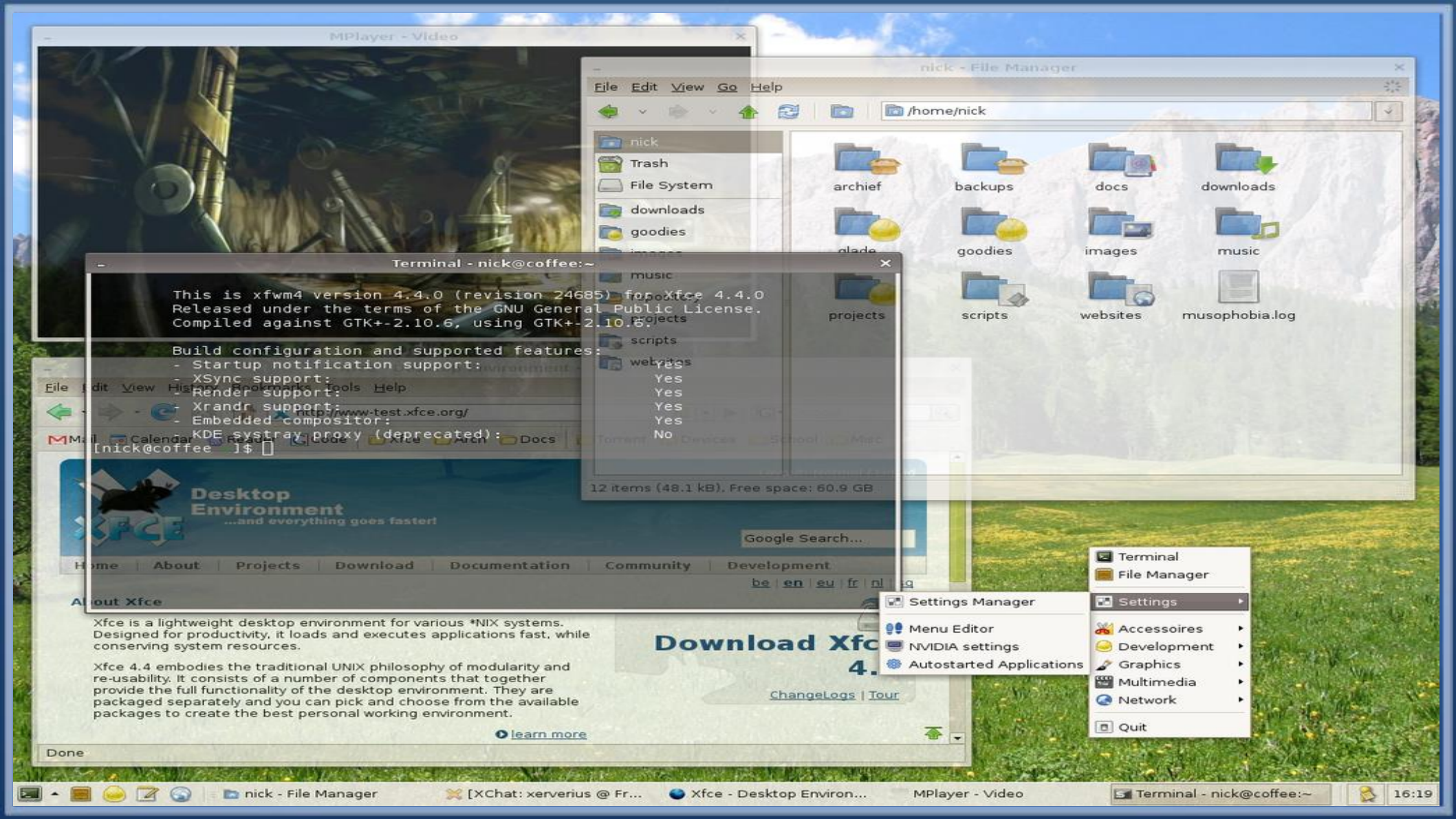
Xfce – v2: 1998


Applications Menu
Desktop - File Manager
10:05
tecmint
Desktop - File Manager
File Edit View Go Help
/home/tecmint/Desktop/
DEVICES
File System
PLACES
tecmint
Desktop
Trash
Documents
Music
Pictures
Videos
Downloads
/ on
NETWORK
Browse Network
ELGG-Features.odt
training.odt
2 items (59.5 kB), Free space: 103.8 GB

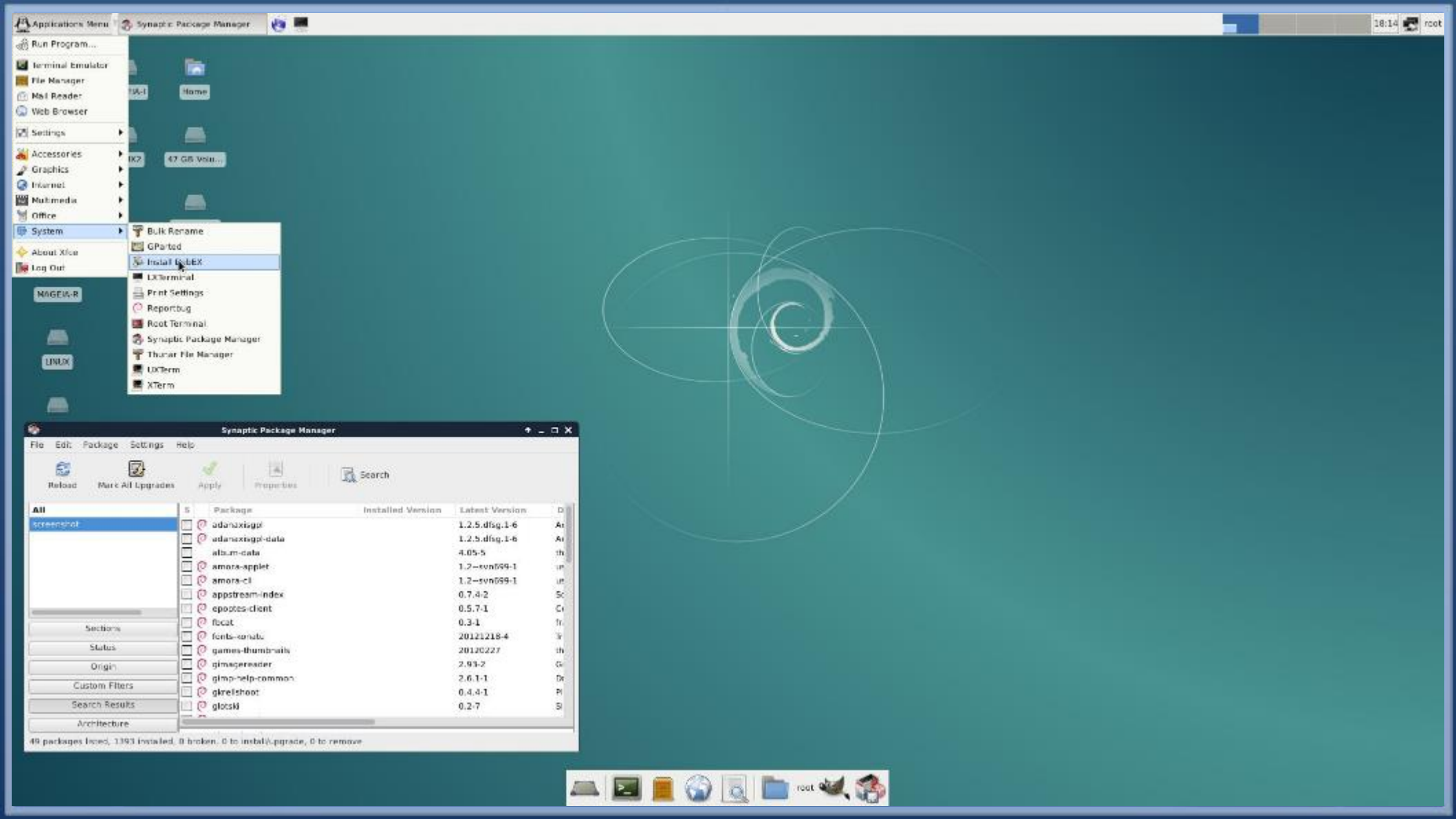
Xfce – v3: 1999


Xfce4 Appfinder
Categories
All
Recently Used
Core
Development
Office
Graphics
Network
AudioVideo
Game
Education
System
Search:
Dia
Inkscape SVG Vector Illustrator
Image Viewer
GGV PostScript Viewer
XSane Image scanning program
gtkam
Sodipodi
GIMP Image Editor
Xfce4-MenuEditor - /home/demo/.config/xfce4/desktop/menu.xml
File Edit Help
Name Command Hidden
Desktop Menu
--- separator ---
Run Program... xfrun4
--- separator ---
Terminal xfterm4
File Manager (xffm) xffm
Web Browser mozilla
--- separator ---
Settings
Window Manager
Window Manager Preferences
Style Keyboard Focus Advanced
Default
Demo
Window shortcuts
Command Shor
Close window Alt+
Maximize window Alt+
Maximize window vertically Alt+
Maximize window horizontally Alt+
Command shortcuts
Command Shortcut
xfhelp4 Alt+F1
xfrun4 Alt+F2
xflock4 Alt+Control+Delete
none none
none none
Add
Remove
Help
Close
//kuiper/xffstab
Main menu
Name
demo
Book
Frequent
Fstab
/
/mnt/cdburner
/mnt/cdrom
/mnt/floppy
/proc
/mnt/usbkey
/mnt/zip
Recent
SMB Network
Trash
Name Size Date
demo 68 files Jan 13 00:43
..
Desktop 0 files Dec 26 18:03
file_popup.png 39 KB Dec 26 11:53
file_subpopup.p 64 KB Dec 26 11:55
filter_box.png 8 KB Dec 26 12:00
frequent_popup 46 KB Dec 26 11:47
fstab_popup_m 60 KB Dec 26 11:49
go_menu.png 38 KB Dec 26 11:42
hide_show_butt 15 KB Dec 26 12:02
icon_title_smart 9 KB Dec 26 11:57
main_menu.png 10 KB Dec 26 11:38
mcs-plugin.png 26 KB Dec 26 12:12
open_menu.png 45 KB Dec 26 11:41
demo
0:46

Xfce – v4.x: 2003+

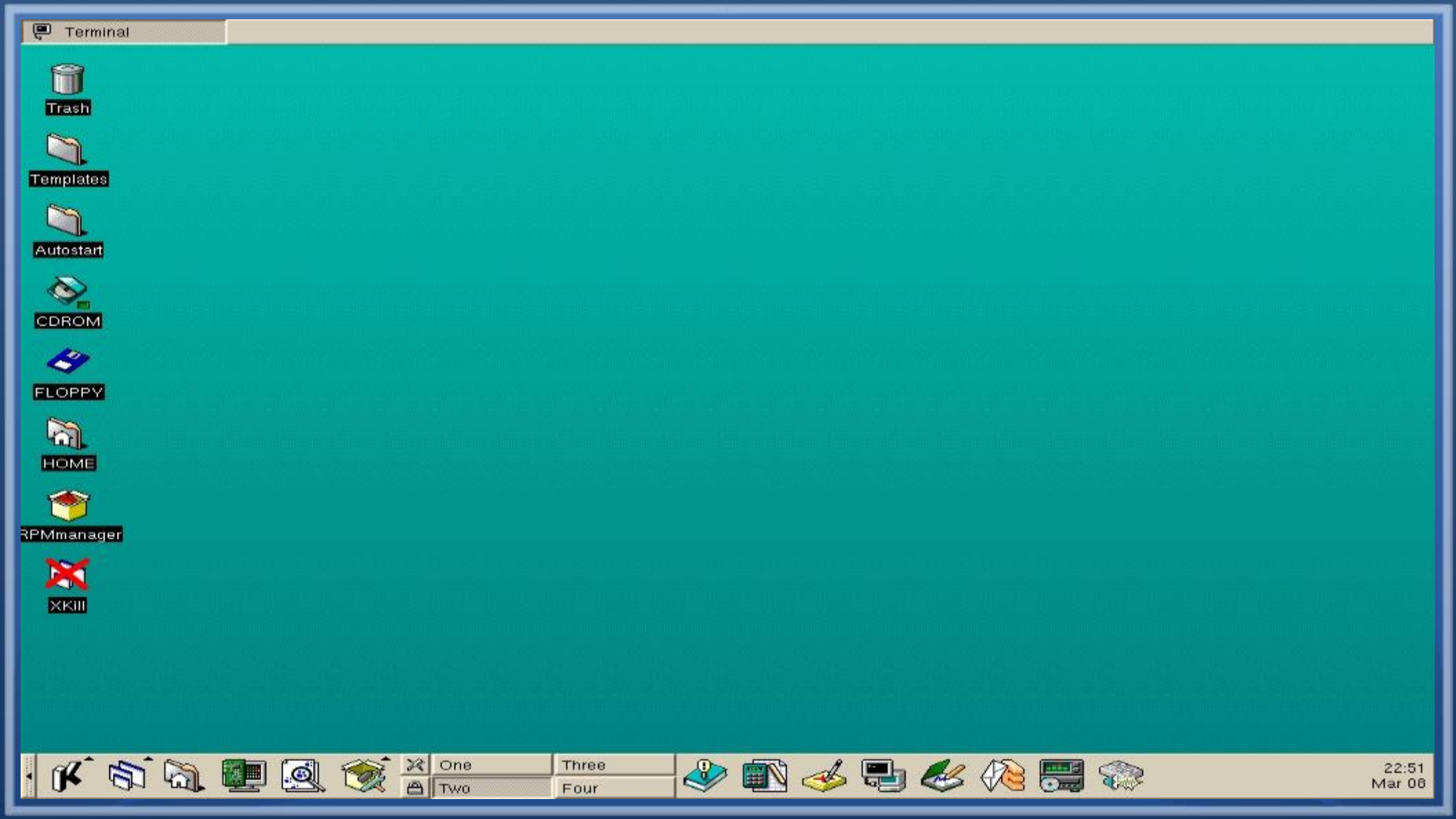

MPlayer - Video
nick - File Manager
File Edit View Go Help
/home/nick
nick
Trash
File System
downloads
goodies
music
projects
scripts
websites
archief
backups
docs
downloads
glade
goodies
images
music
projects
scripts
websites
musophobia.log
12 items (48.1 kB), Free space: 60.9 GB
Terminal - nick@coffee:~
This is xfwm4 version 4.4.0 (revision 24685) for Xfce 4.4.0
Released under the terms of the GNU General Public License.
Compiled against GTK+-2.10.6, using GTK+-2.10.6.
Build configuration and supported features:
- Startup notification support: Yes
- XSync support: Yes
- Render support: Yes
- Xrandr support: Yes
- Embedded compositor: Yes
- KDE systray proxy (deprecated): No
[nick@coffee]$
Desktop Environment
...and everything goes faster!
Google Search...
Home | About | Projects | Download | Documentation | Community | Development
be | en | eu | fr | nl | sq
About Xfce
Xfce is a lightweight desktop environment for various *NIX systems. Designed for productivity, it loads and executes applications fast, while conserving system resources.
Xfce 4.4 embodies the traditional UNIX philosophy of modularity and re-usability. It consists of a number of components that together provide the full functionality of the desktop environment. They are packaged separately and you can pick and choose from the available packages to create the best personal working environment.
learn more
Download Xfce 4.
ChangeLogs | Tour
Done
Terminal
File Manager
Settings
Accessoires
Development
Graphics
Multimedia
Network
Quit
Settings Manager
Menu Editor
NVIDIA settings
Autostarted Applications
nick - File Manager
[XChat: xerverius @ Fr...
Xfce - Desktop Environ...
MPlayer - Video
Terminal - nick@coffee:~
16:19

Xfce – v4.12: 2015

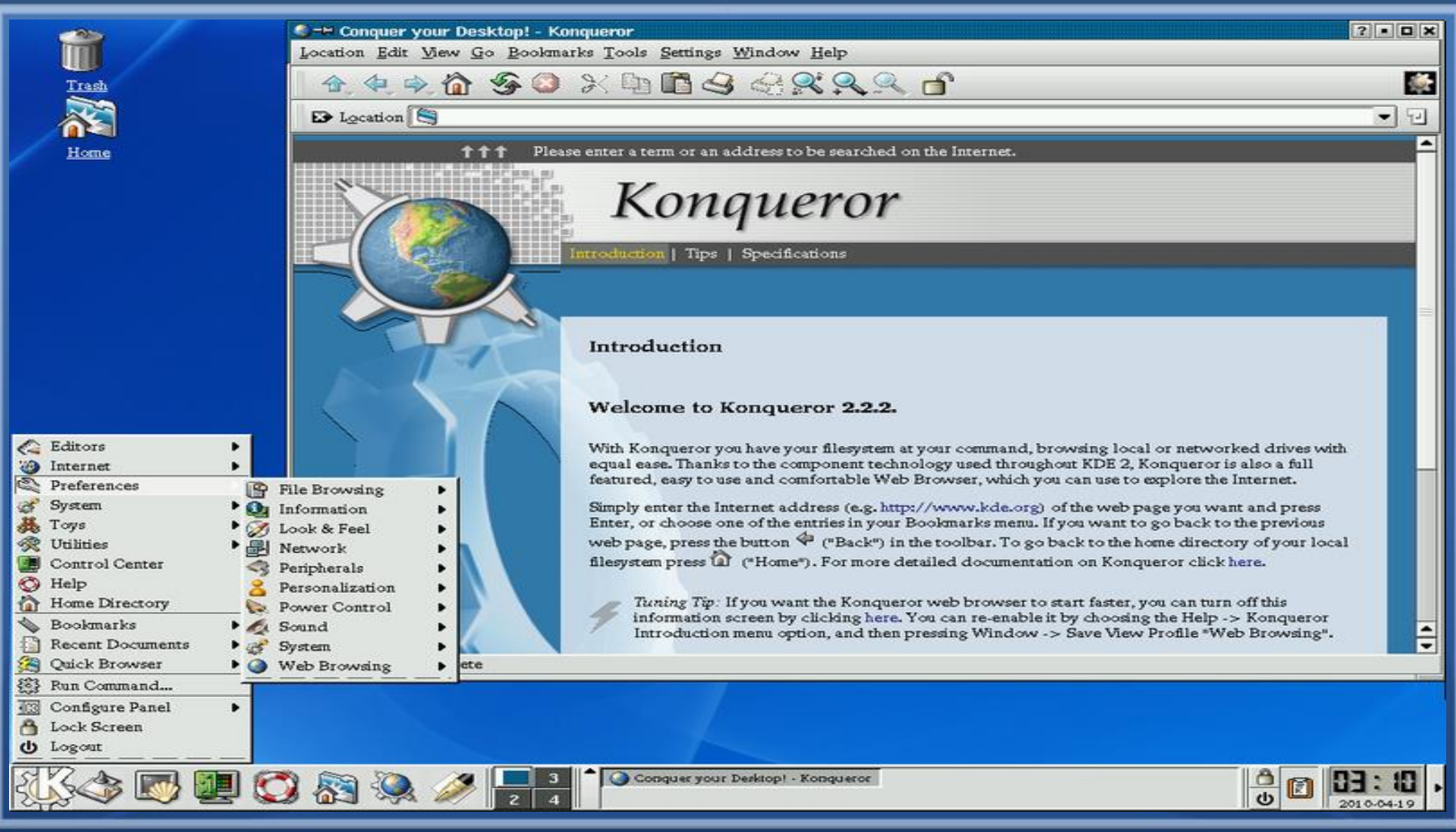

Applications Menu
Synaptic Package Manager
18:14
root
Run Program...
Terminal Emulator
File Manager
Mail Reader
Web Browser
Settings
Accessories
Graphics
Internet
Multimedia
Office
System
About Xfce
Log Out
Bulk Rename
GParted
Install LaTeX
LXTerminal
Print Settings
Reportbug
Root Terminal
Synaptic Package Manager
Thunar File Manager
UXTerm
XTerm
Home
MAGEIA-R
UNIX
Synaptic Package Manager
File Edit Package Settings Help
Reload
Mark All Upgrades
Apply
Properties
Search
All
screenshot
Sections
Status
Origin
Custom Filters
Search Results
Architecture
S
Package
Installed Version
Latest Version
adanaxisgpl 1.2.5.dfsg.1-6
adanaxisgpl-data 1.2.5.dfsg.1-6
alsa-utils 1.0.25-4
amora-applet 1.2~svn699-1
amora-cli 1.2~svn699-1
appstream-index 0.7.4-2
apt-xapian-index 0.45
aptitude 0.6.8.2-1
autoconf 2.69-9
automake 1:1.14.1-3
base-files 7.2
base-passwd 3.5.33
bash 4.3-7
bash-completion 1:2.1-4.1
bc 1.06.95-9
bind9-host 1:9.9.5.dfsg-3
binfmt-support 2.1.5
bsdmainutils 9.0.6
bsdutils 1:2.25.2-6
build-essential 11.7
bzip2 1.0.6-7
ca-certificates 20141019
cdebconf 0.192
cdebconf-gtk 0.192
cdebconf-newt-terminal 0.192
cdebconf-text-terminal 0.192
cdebconf-udeb 0.192
cdebootstrap-static 0.6.7
checkinstall 1.6.2-3
coreutils 8.23-4
cpio 2.11+dfsg-4.1
cpp 4:4.9.2-2
cpp-4.9 4.9.2-10
cron 3.0pl1-127
curl 7.38.0-4
dash 0.5.7-4
debconf 1.5.56
debconf-i18n 1.5.56
debconf-utils 1.5.56
debian-archive-keyring 2014.3
debian-keyring 2014.08.01
debianutils 4.4
dh-autoreconf 12
dh-python 1.20141111-2
diffutils 1:3.3-1
dirmngr 1.1.1-1
dmidecode 2.12-3
dmsetup 2:1.02.90-2.2
dnsutils 1:9.9.5.dfsg-3
dosfstools 3.0.26-1
dpkg 1.17.25
dpkg-dev 1.17.25
e2fslibs 1.42.12-2
e2fsprogs 1.42.12-2
ed 1.10-1
eject 2.1.5+deb1+cvs20081104-13.1
emacsen-common 2.0.8
fakeroot 1.20.2-1
file 1:5.22+15-2
findutils 4.4.2-9
fontconfig 2.11.0-6.3
fontconfig-config 2.11.0-6.3
fonts-dejavu-core 2.34-1
fonts-droid 20120715-3
fonts-freefont-ttf 20120503-3
fonts-liberation 1.07.4-1
fonts-opensymbol 2:102.7+LibO4.3.3-2
g++ 4:4.9.2-2
g++-4.9 4.9.2-10
gcc 4:4.9.2-2
gcc-4.9 4.9.2-10
gcc-4.9-base 4.9.2-10
gcc-4.9-base:i386 4.9.2-10
gcc-4.9-base:x32 4.9.2-10
gcc-4.9-multilib 4.9.2-10
gcc-4.9-multilib:i386 4.9.2-10
gcc-4.9-multilib:x32 4.9.2-10
gcc-4.9-multilib:x32 4.9.2-10
gcc-multilib 4:4.9.2-2
gcc-multilib:i386 4:4.9.2-2
gcc-multilib:x32 4:4.9.2-2
gcc-multilib:x32 4:4.9.2-2
gconf-service 3.2.6-3
gconf-service-backend 3.2.6-3
gconf2 3.2.6-3
gconf2-common 3.2.6-3
gdebi-core 0.9.5.6
gdebi-gtk 0.9.5.6
gdebi-kde 0.9.5.6
gettext 0.19.3-1
gettext-base 0.19.3-1
gir1.2-glib-2.0 1.42.0-1
gir1.2-gtk-2.0 2.24.25-3
gir1.2-pango-1.0 1.36.3-1
gir1.2-vte-2.90 0.38.3-1
gksu 2.0.2-9
gnome-common 3.14.0-1
gnome-doc-utils 0.20.10-3
gnome-doc-utils-stylesheets 0.20.10-3
gnome-icon-theme 3.12.0-1
gnome-keyring 3.12.0-1+b1
gnome-menus 3.13.3-2
gnome-pkg-tools 0.19.6
gnome-settings-daemon 3.14.1-1
gnome-settings-daemon-common 3.14.1-1
gnupg 1.4.18-7
gnupg-agent 2.1.5-1
gnupg2 2.1.5-1
gpgv 1.4.18-7
gpgv2 2.1.5-1
grep 2.21-1
groff-base 1.22.2-8
grub-common 2.02~beta2-9
grub-pc 2.02~beta2-9
grub-pc-bin 2.02~beta2-9
grub2-common 2.02~beta2-9
gsettings-desktop-schemas 3.14.1-1
gtk-doc-tools 1.20-1
gtk2-engines 1:2.20.2-3
gtk2-engines-pixbuf 2.24.25-3
gtk2-engines-pixbuf:i386 2.24.25-3
gtk2-engines-pixbuf:x32 2.24.25-3
gtk2-engines-pixbuf:x32 2.24.25-3
gtk2-engines-xfce 3.2.0-1
gtk2-engines:i386 1:2.20.2-3
gtk2-engines:x32 1:2.20.2-3
gtk2-engines:x32 1:2.20.2-3
gtk3-engines-xfce 3.2.0-1
gtk3-engines-xfce:i386 3.2.0-1
gtk3-engines-xfce:x32 3.2.0-1
gtk3-engines-xfce:x32 3.2.0-1
gtkhash 0.8.1-1
gtkhash-common 0.8.1-1
gtkhash-gnome 0.8.1-1
gtkhash-thunar 0.8.1-1
gtkhash-xfce 0.8.1-1
gtkhash:i386 0.8.1-1
gtkhash:x32 0.8.1-1
gtkhash:x32 0.8.1-1
gvfs 1.22.2-1
gvfs-backends 1.22.2-1
gvfs-bin 1.22.2-1
gvfs-common 1.22.2-1
gvfs-daemons 1.22.2-1
gvfs-fuse 1.22.2-1
gvfs-libs 1.22.2-1
gvfs-libs:i386 1.22.2-1
gvfs-libs:x32 1.22.2-1
gvfs-libs:x32 1.22.2-1
gzip 1.6-4
hal 0.5.14-8
hal-info 20091130-1
hddtemp 0.3-beta15-53
hdparm 9.43-1
hicolor-icon-theme 0.13-1
hostname 3.15
ifupdown 0.7.53.1
imagemagick 8:6.8.9.9-5
imagemagick-common 8:6.8.9.9-5
imagemagick-doc 8:6.8.9.9-5
imagemagick-doc:i386 8:6.8.9.9-5
imagemagick-doc:x32 8:6.8.9.9-5
imagemagick-doc:x32 8:6.8.9.9-5
imagemagick:i386 8:6.8.9.9-5
imagemagick:x32 8:6.8.9.9-5
imagemagick:x32 8:6.8.9.9-5
imagemagick-6.q16 8:6.8.9.9-5
imagemagick-6.q16:i386 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16-doc 8:6.8.9.9-5
imagemagick-6.q16-doc:i386 8:6.8.9.9-5
imagemagick-6.q16-doc:x32 8:6.8.9.9-5
imagemagick-6.q16-doc:x32 8:6.8.9.9-5
imagemagick-6.q16:i386 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16-doc 8:6.8.9.9-5
imagemagick-6.q16-doc:i386 8:6.8.9.9-5
imagemagick-6.q16-doc:x32 8:6.8.9.9-5
imagemagick-6.q16-doc:x32 8:6.8.9.9-5
imagemagick-6.q16:i386 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-doc 8:6.8.9.9-5
imagemagick-doc:i386 8:6.8.9.9-5
imagemagick-doc:x32 8:6.8.9.9-5
imagemagick-doc:x32 8:6.8.9.9-5
imagemagick:i386 8:6.8.9.9-5
imagemagick:x32 8:6.8.9.9-5
imagemagick:x32 8:6.8.9.9-5
imagemagick-6.q16 8:6.8.9.9-5
imagemagick-6.q16:i386 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16-doc 8:6.8.9.9-5
imagemagick-6.q16-doc:i386 8:6.8.9.9-5
imagemagick-6.q16-doc:x32 8:6.8.9.9-5
imagemagick-6.q16-doc:x32 8:6.8.9.9-5
imagemagick-6.q16:i386 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
imagemagick-6.q16:x32 8:6.8.9.9-5
49 packages listed, 1393 installed, 0 broken. 0 to install/upgrade, 0 to remove

KDE – v.1: 1998-99

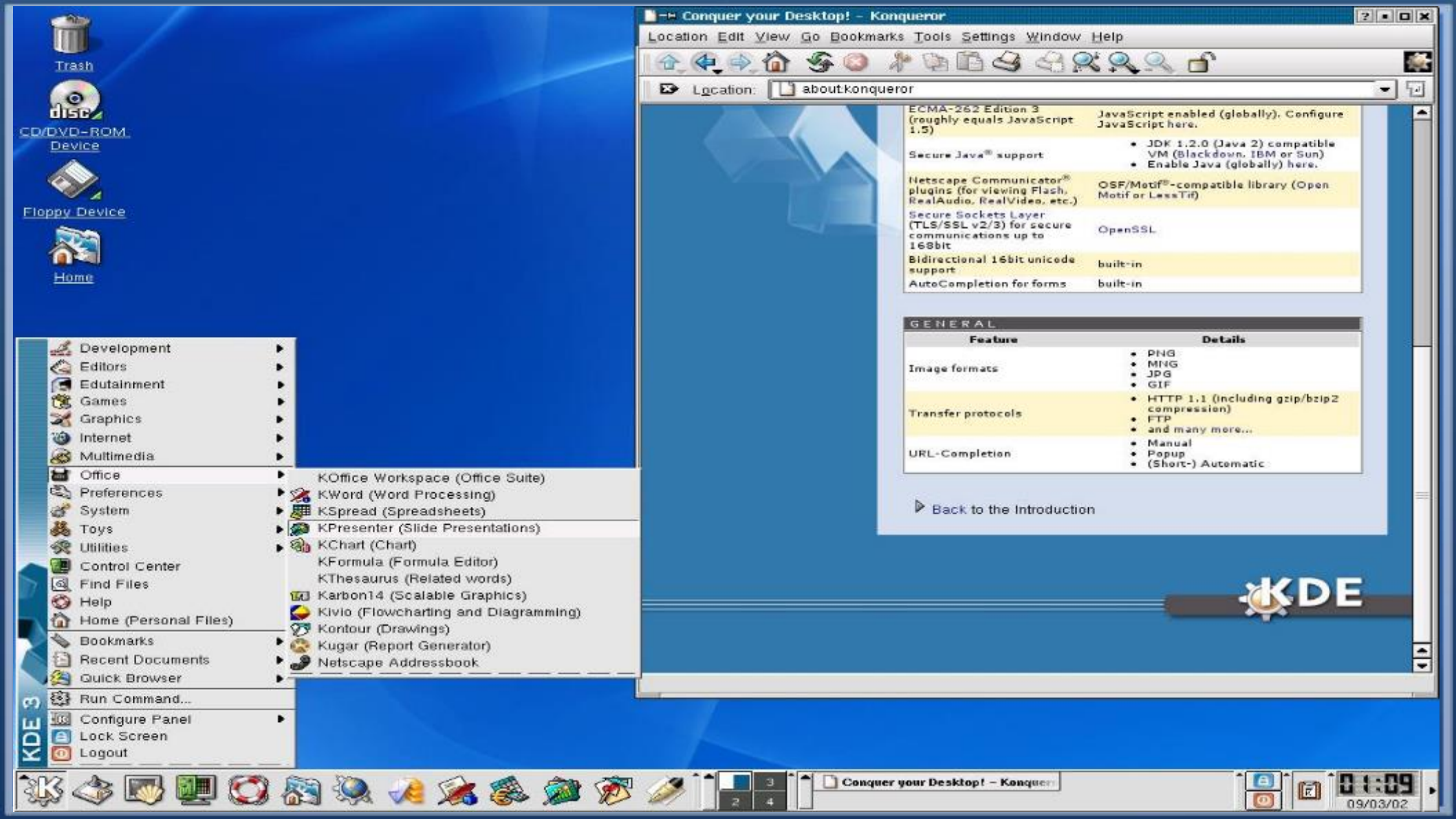
Win98


Terminal
Trash
Templates
Autostart
CDROM
FLOPPY
HOME
RPMmanager
XKill
One
Two
Three
Four
22:51
Mar 08

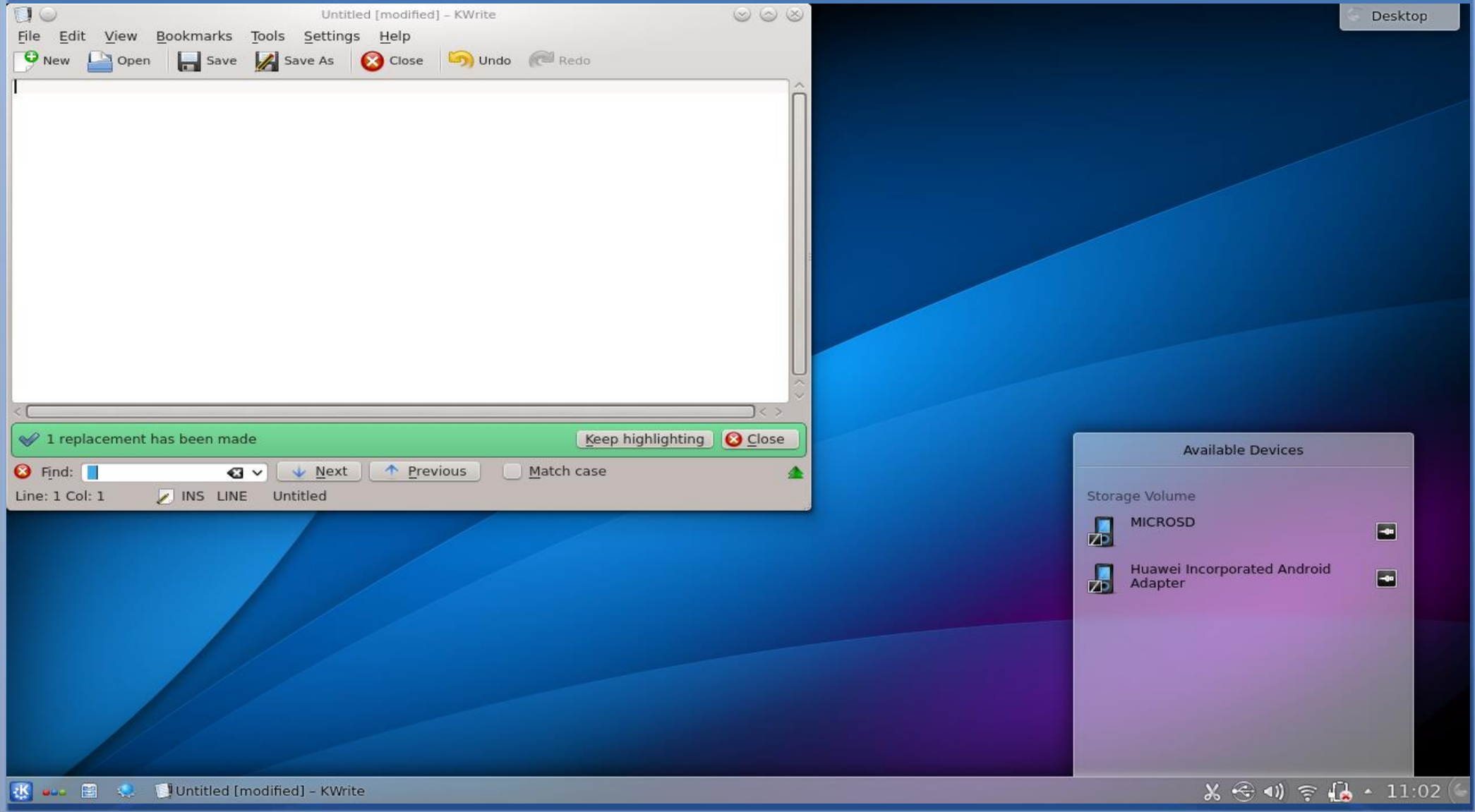
KDE – v.2: 2000-01


Trash
Home
Conquer your Desktop! - Konqueror
Location Edit View Go Bookmarks Tools Settings Window Help
Location
Please enter a term or an address to be searched on the Internet.
Konqueror
Introduction | Tips | Specifications
Introduction
Welcome to Konqueror 2.2.2.
With Konqueror you have your filesystem at your command, browsing local or networked drives with equal ease. Thanks to the component technology used throughout KDE 2, Konqueror is also a full featured, easy to use and comfortable Web Browser, which you can use to explore the Internet.
Simply enter the Internet address (e.g. http://www.kde.org) of the web page you want and press Enter, or choose one of the entries in your Bookmarks menu. If you want to go back to the previous web page, press the button ("Back") in the toolbar. To go back to the home directory of your local filesystem press ("Home"). For more detailed documentation on Konqueror click here.
Tuning Tip: If you want the Konqueror web browser to start faster, you can turn off this information screen by clicking here. You can re-enable it by choosing the Help -> Konqueror Introduction menu option, and then pressing Window -> Save View Profile "Web Browsing".
Editors
Internet
Preferences
System
Toys
Utilities
Control Center
Help
Home Directory
Bookmarks
Recent Documents
Quick Browser
Run Command...
Configure Panel
Lock Screen
Logout
File Browsing
Information
Look & Feel
Network
Peripherals
Personalization
Power Control
Sound
System
Web Browsing
Conquer your Desktop! - Konqueror
03:10
2010-04-19

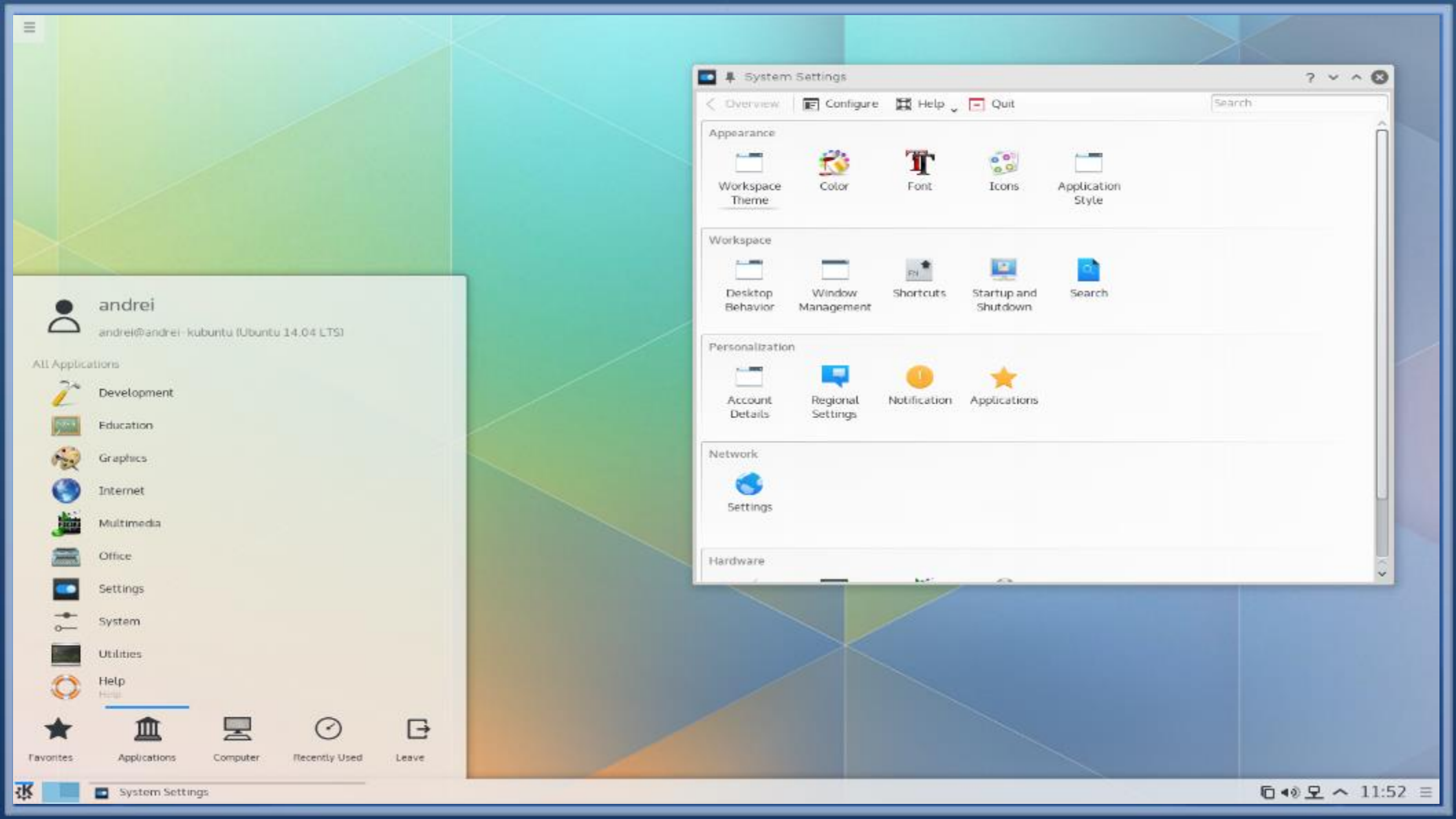
KDE – v.3: 2002-08


Trash
CD/DVD-ROM Device
Floppy Device
Home
Development
Editors
Edutainment
Games
Graphics
Internet
Multimedia
Office
Preferences
System
Toys
Utilities
Control Center
Find Files
Help
Home (Personal Files)
Bookmarks
Recent Documents
Quick Browser
Run Command...
Configure Panel
Lock Screen
Logout
KDE 3
KOffice Workspace (Office Suite)
KWord (Word Processing)
KSpread (Spreadsheets)
KPresenter (Slide Presentations)
KChart (Chart)
KFormula (Formula Editor)
KThesaurus (Related words)
Karbon14 (Scalable Graphics)
Kivio (Flowcharting and Diagramming)
Kontour (Drawings)
Kugar (Report Generator)
Netscape Addressbook
Conquer your Desktop! - Konqueror
Location Edit View Go Bookmarks Tools Settings Window Help
Location: about:konqueror
ECMA-262 Edition 3 (roughly equals JavaScript 1.5)
JavaScript enabled (globally). Configure JavaScript here.
Secure Java® support
JDK 1.2.0 (Java 2) compatible VM (Blackdown, IBM or Sun)
Enable Java (globally) here.
Netscape Communicator® plugins (for viewing Flash, RealAudio, RealVideo, etc.)
OSF/Motif®-compatible library (Open Motif or LessTif)
Secure Sockets Layer (TLS/SSL v2/3) for secure communications up to 168bit
OpenSSL
Bidirectional 16bit unicode support
built-in
AutoCompletion for forms
built-in
GENERAL
Feature
Details
Image formats
PNG
MNG
JPG
GIF
Transfer protocols
HTTP 1.1 (including gzip/bzip2 compression)
FTP
and many more...
URL-Completion
Manual
Popup
(Short-) Automatic
Back to the Introduction
KDE
Conquer your Desktop! - Konquer
01:09
09/03/02

KDE – Plasma 4: 2008-13


Untitled [modified] – KWrite
File Edit View Bookmarks Tools Settings Help
New Open Save Save As Close Undo Redo
1 replacement has been made
Keep highlighting
Close
Find:
Next
Previous
Match case
Line: 1 Col: 1
INS
LINE
Untitled
Desktop
Available Devices
Storage Volume
MICROSD
Huawei Incorporated Android Adapter
Untitled [modified] – KWrite
11:02

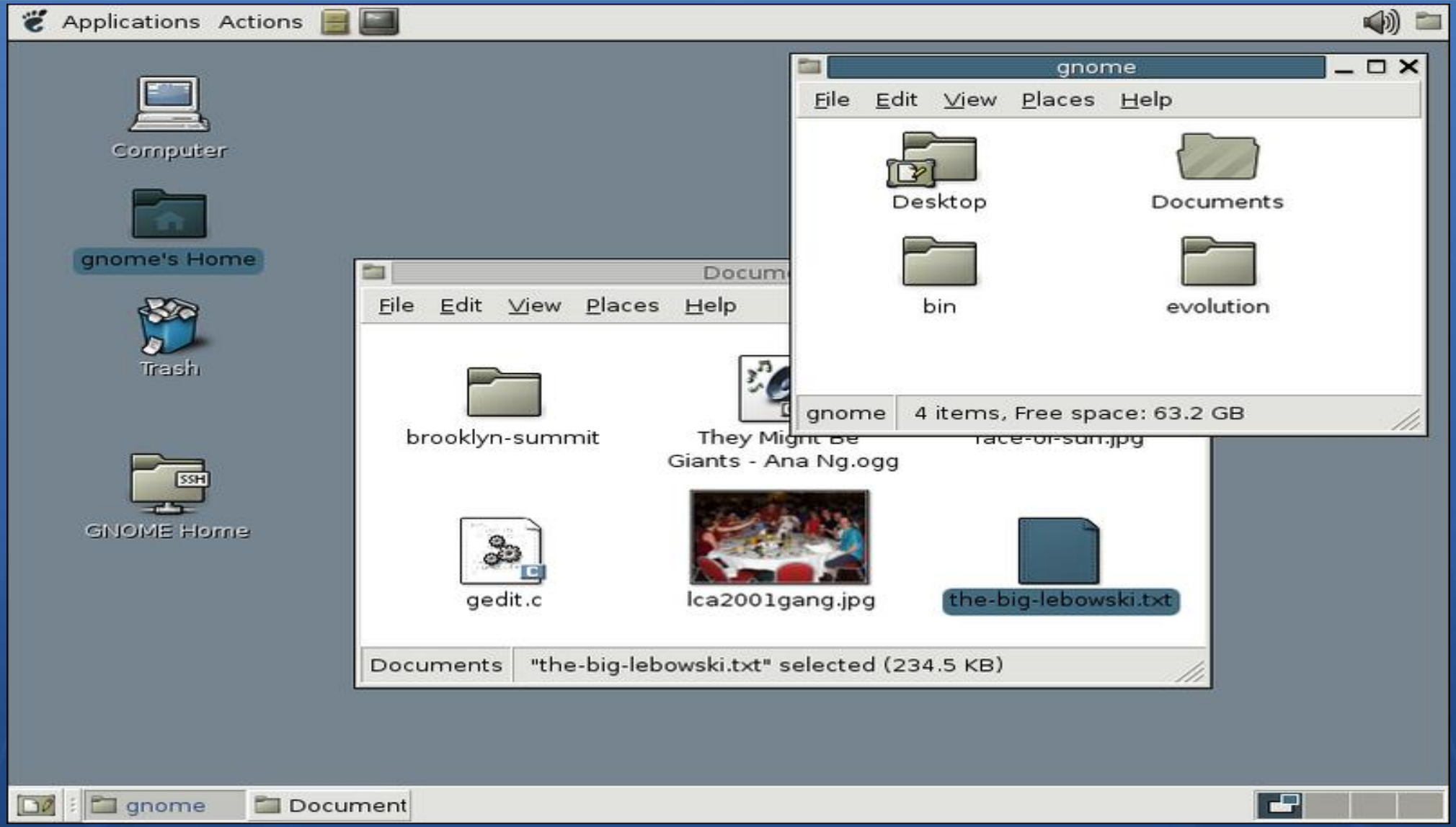
KDE – Plasma 5: 2014-16


System Settings
Overview
Configure
Help
Quit
Search
Appearance
Workspace Theme
Color
Font
Icons
Application Style
Workspace
Desktop Behavior
Window Management
Shortcuts
Startup and Shutdown
Search
Personalization
Account Details
Regional Settings
Notification
Applications
Network
Settings
Hardware
andrei
andrei@andrei-kubuntu (Ubuntu 14.04 LTS)
All Applications
Development
Education
Graphics
Internet
Multimedia
Office
Settings
System
Utilities
Help
Favorites
Applications
Computer
Recently Used
Leave
System Settings
11:52

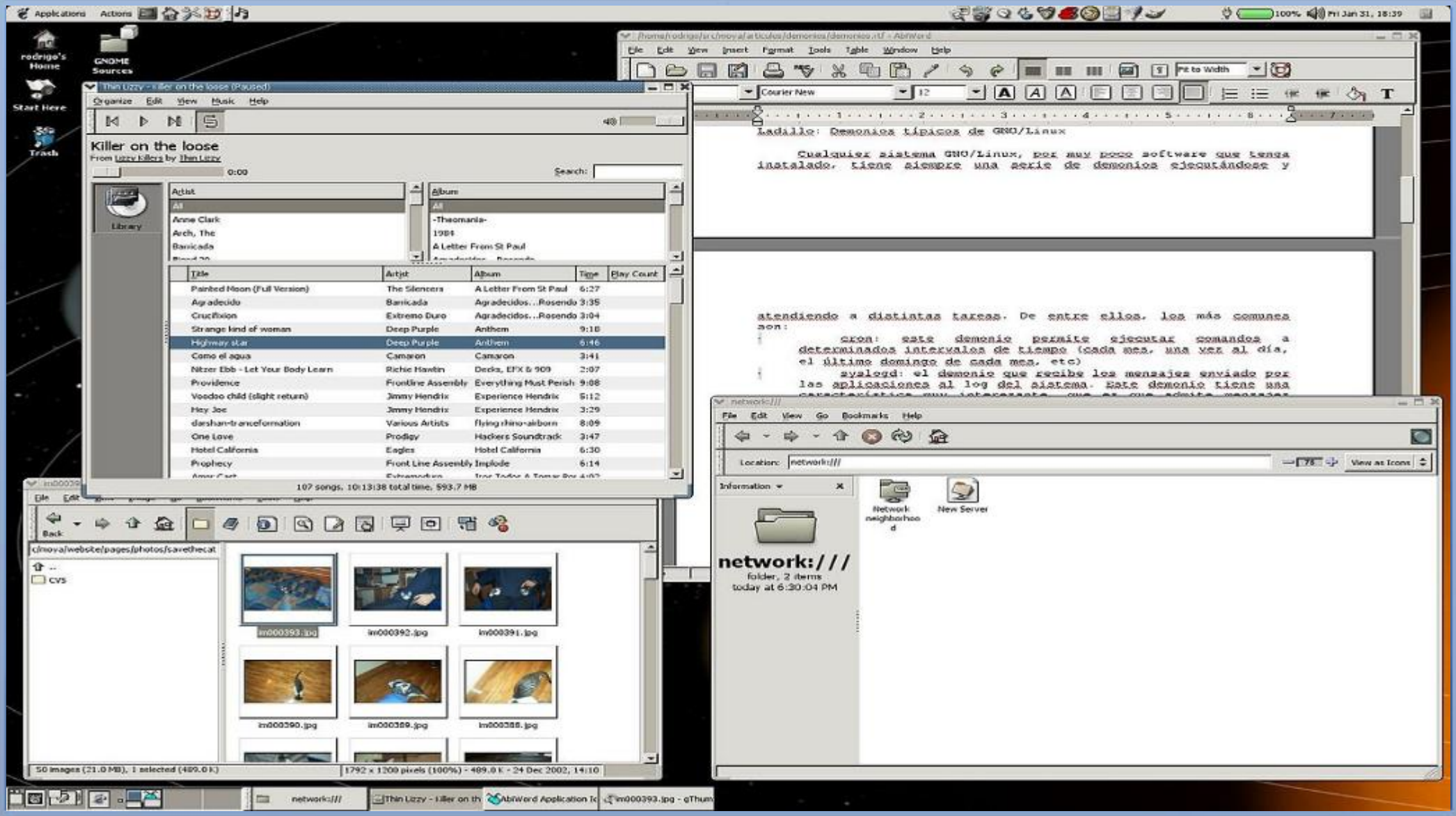
Desktop
sidux-irc
sidux manual
Enter word to define here
03:30:41
User vzulu9 on siduxvbox
KDE DESKTOP
Search:
Debian
Development
Education
Games
Graphics
Internet
Multimedia
Office
Settings
Favorites
Applications
Computer
Recently Used
Leave
Home
Bilder
Desktop
03:30

Gnome – v.1: 1999-01

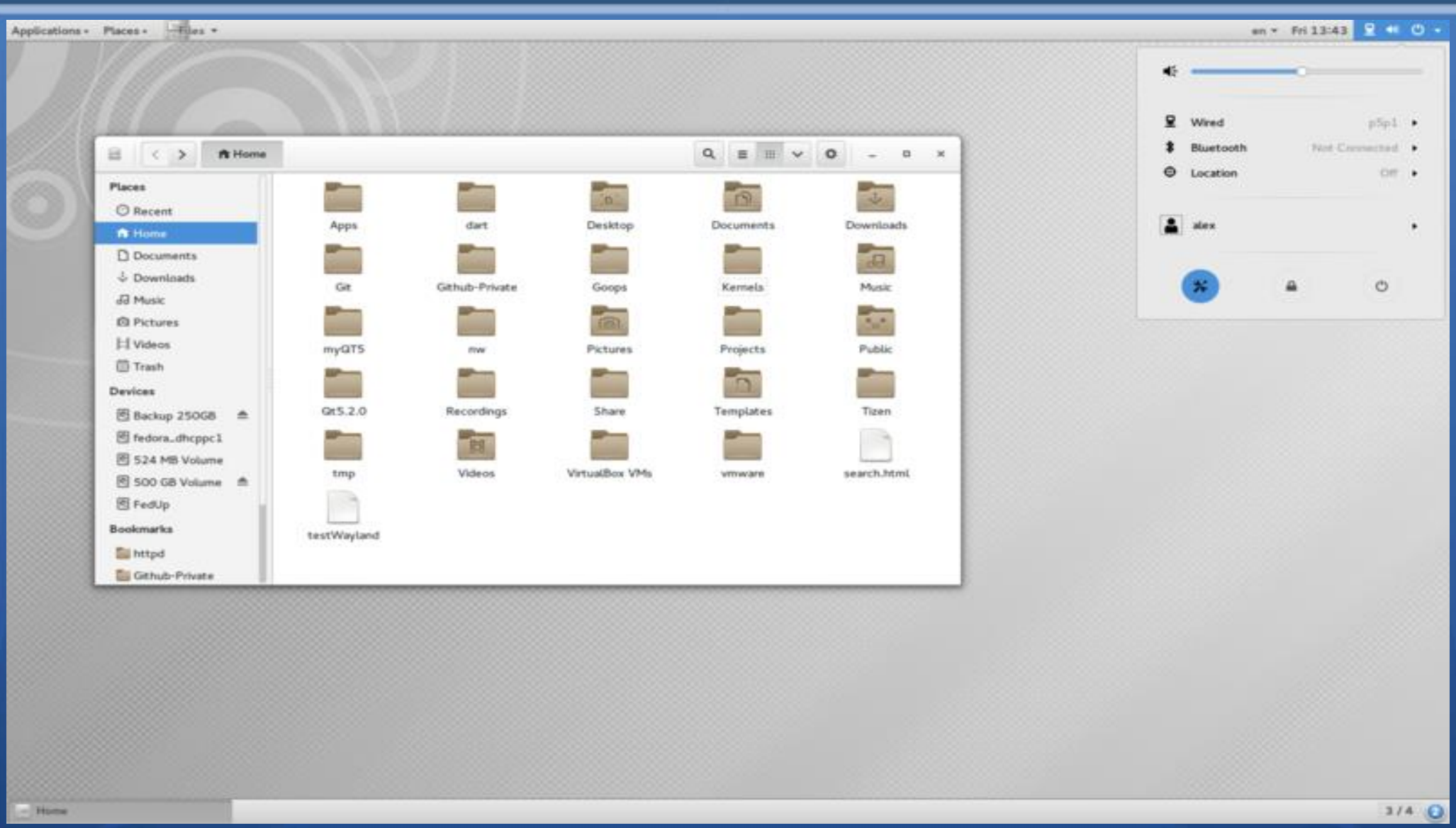
Win98


Applications
Actions
Computer
gnome's Home
Trash
GNOME Home
gnome
File
Edit
View
Places
Help
Desktop
Documents
bin
evolution
gnome
4 items, Free space: 63.2 GB
File
Edit
View
Places
Help
brooklyn-summit
They Might Be Giants - Ana Ng.ogg
gedit.c
lca2001gang.jpg
the-big-lebowski.txt
Documents
"the-big-lebowski.txt" selected (234.5 KB)
gnome
Document

Gnome – v.2: 2002-10


Applications
Actions
100%
Fri Jan 31, 18:39
rodrigo's Home
GNOME Sources
Start Here
Trash
Thin Lizzy - killer on the loose (Paused)
Organize Edit View Music Help
Killer on the loose
From Lizzy Killers by Thin Lizzy
0:00
Search:
Library
Artist
All
Anne Clark
Arch, The
Barricada
Album
All
-Theomania-
1984
A Letter From St Paul
Title Artist Album Time Play Count
Painted Moon (Full Version) The Silencers A Letter From St Paul 6:27
Agradecido Barricada Agradecidos...Rosendo 3:35
Crucifixion Extremo Duro Agradecidos...Rosendo 3:04
Strange kind of woman Deep Purple Anthem 9:18
Highway star Deep Purple Anthem 6:46
Como el agua Camaron Camaron 3:41
Nitzer Ebb - Let Your Body Learn Richie Hawtin Decks, EFX & 909 2:07
Providence Frontline Assembly Everything Must Perish 9:08
Voodoo child (slight return) Jimmy Hendrix Experience Hendrix 5:12
Hey Joe Jimmy Hendrix Experience Hendrix 3:29
darshan-tranceformation Various Artists flying rhino-airborn 8:09
One Love Prodigy Hackers Soundtrack 3:47
Hotel California Eagles Hotel California 6:30
Prophecy Front Line Assembly Implode 6:14
107 songs, 10:13:38 total time, 593.7 MB
/home/rodrigo/cvsnova/articulos/demonios/demonios.rtf - AbiWord
File Edit View Insert Format Tools Table Window Help
Courier New
Ladillo: Demonios típicos de GNU/Linux
Cualquier sistema GNU/Linux, por muy poco software que tenga instalado, tiene siempre una serie de demonios ejecutándose y
atendiendo a distintas tareas. De entre ellos, los más comunes son:
cron: este demonio permite ejecutar comandos a determinados intervalos de tiempo (cada mes, una vez al día, el último domingo de cada mes, etc)
syslogd: el demonio que recibe los mensajes enviado por las aplicaciones al log del sistema. Este demonio tiene una
cvsnova/website/pages/photos/savethecat
CVS
im000393.jpg
im000392.jpg
im000391.jpg
im000390.jpg
im000389.jpg
im000388.jpg
50 images (21.0 MB), 1 selected (489.0 k)
1792 x 1200 pixels (100%) - 489.0 k - 24 Dec 2002, 14:10
network:///
File Edit View Go Bookmarks Help
Location: network:///
View as Icons
Information
network:///
folder, 2 items
today at 6:30:04 PM
Network neighborhood
New Server
network:///
Thin Lizzy - killer on th
AbiWord Application Ic
im000393.jpg - gThum

Gnome – v.3: 2011-16

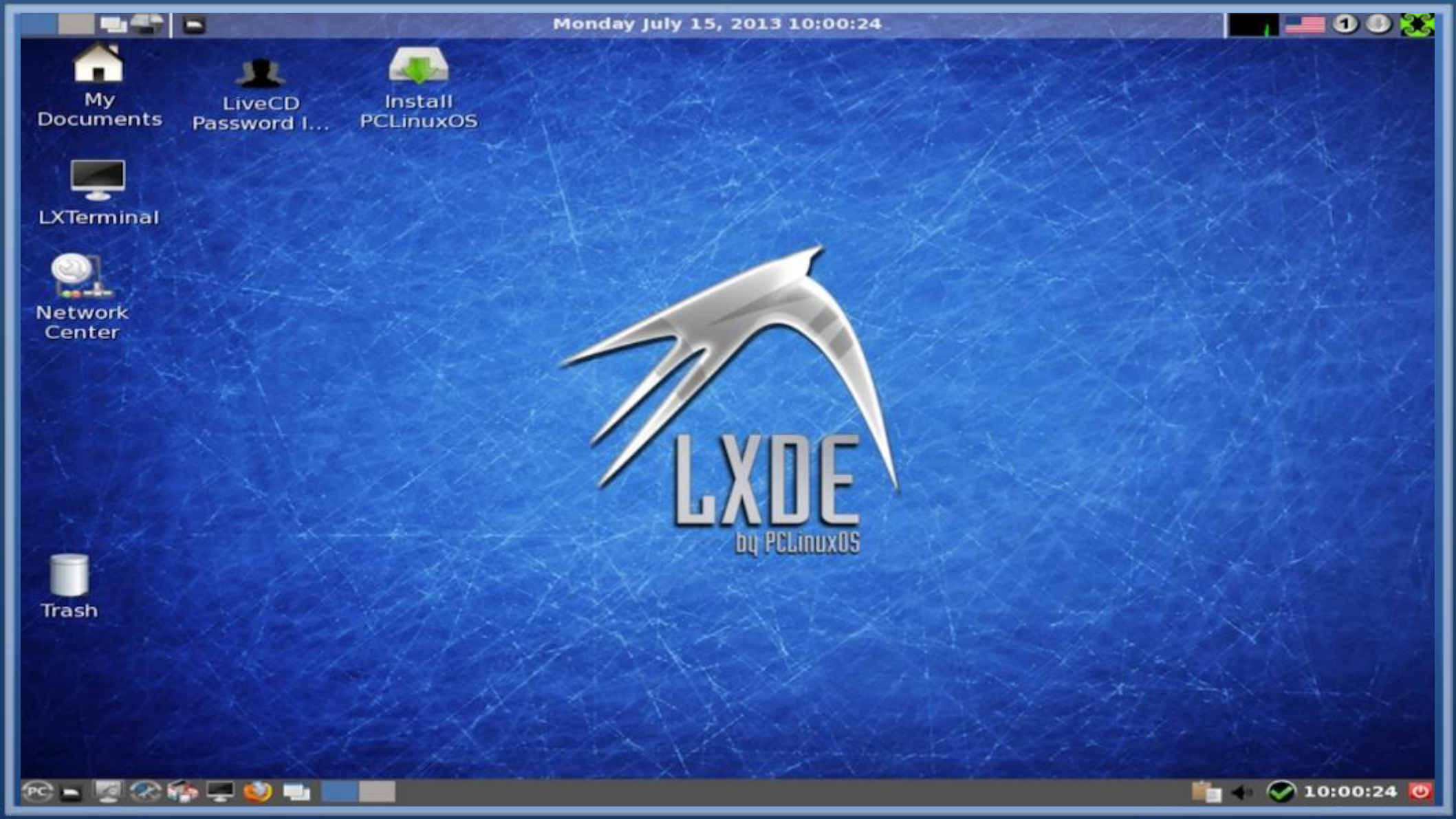

Applications
Places
Files
en
Fri 13:43
Wired
p5p1
Bluetooth
Not Connected
Location
Off
alex
Home
Places
Recent
Home
Documents
Downloads
Music
Pictures
Videos
Trash
Devices
Backup 250GB
fedora_dhcppc1
524 MB Volume
500 GB Volume
FedUp
Bookmarks
httpd
Github-Private
Apps
dart
Desktop
Documents
Downloads
Git
Github-Private
Goops
Kernels
Music
myQT5
nw
Pictures
Projects
Public
Qt5.2.0
Recordings
Share
Templates
Tizen
tmp
Videos
VirtualBox VMs
vmware
search.html
testWayland
Home
3 / 4

Gnome – shell: 2011-16

Activities
Thu 13:08
Type to search...
X Window System - Wikipedia, the free encyclopedia
33 °C
Scattered clouds
Hong Kong International Airport
Home

Activities
Wed 07:41
Live session user
Type to search...
AisleRiot Solitaire
Background
Backups
Bluetooth
Brasero
Brightness & Lock
Cheese
Color
Contacts
Date & Time
Details
Disks
Displays
Documents
Empathy
Frequent
All

LXDE – v0.1: 2006


Monday July 15, 2013 10:00:24
My Documents
LiveCD Password I...
Install PCLinuxOS
LXTerminal
Network Center
LXDE
by PCLinuxOS
Trash
10:00:24

LXDE – v0.99.1: 2016

Google Chrome
Calculator
SeaMonkey
Leafpad
Firefox Web Browser
LO Writer
AceMoney
Screenshot
LXDE
Lightweight X11 Desktop Environment
Accessories
Graphics
Internet
Office
Programming
Sound & Video
System Tools
Wine
Preferences
Run
Logout
Bulk Rename
Configuration Editor
GDebi Package Installer
System Monitor
Thunar File Manager
UXTerm
XTerm
16:04

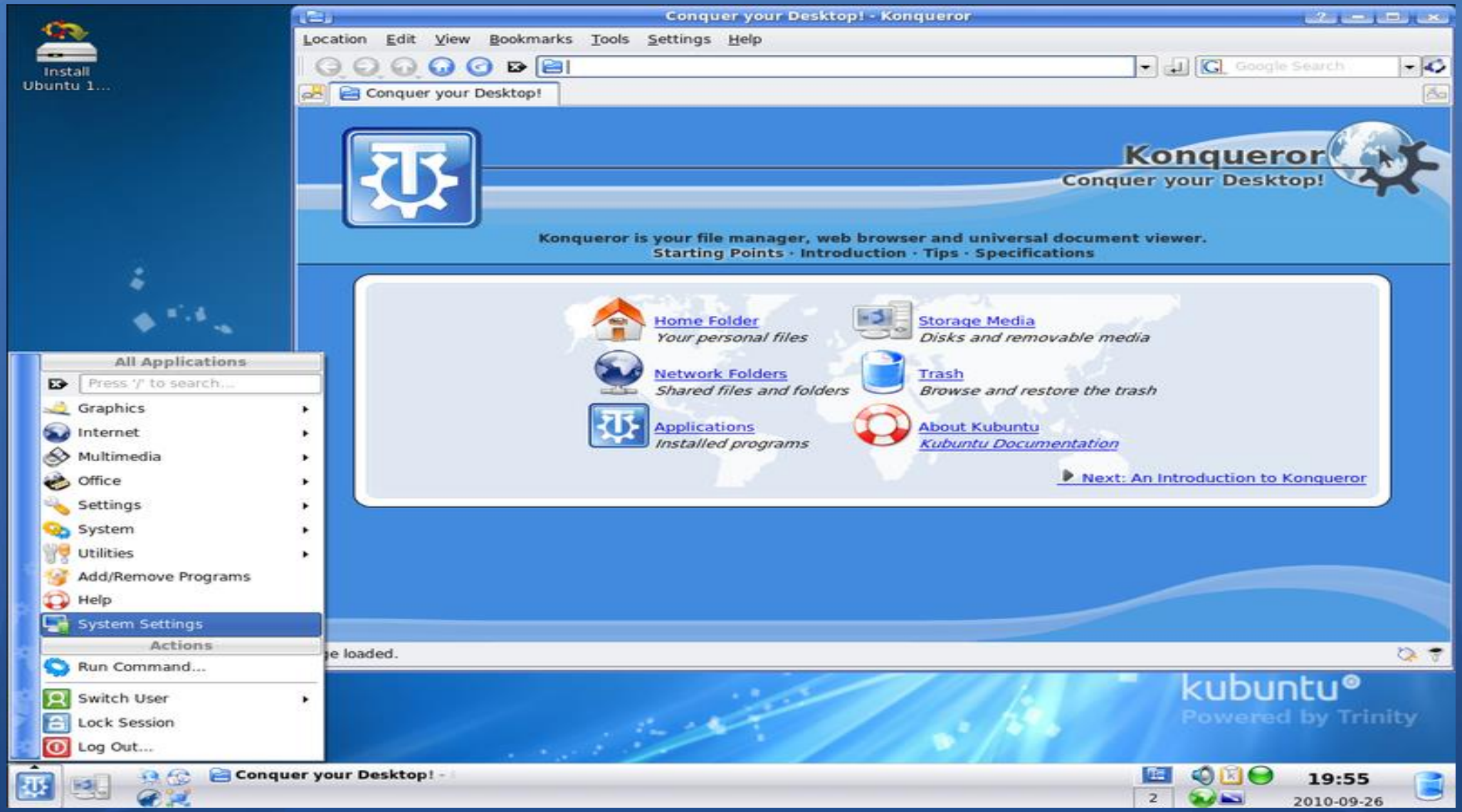
We Don't Like It!

There were many users of the KDE desktop that did not like the direction the team was going. They liked the more traditional look/feel and didn't like all the bells and whistles that were being include (which also demanded more resources).

We Don't Like It!

So, being Open Source, a new team took the v3 code and continued on developing and improving that desktop, and gave it a new name, “Trinity”.

Trinity – (KDE3): 2010


Install Ubuntu 1...
Conquer your Desktop! - Konqueror
Location Edit View Bookmarks Tools Settings Help
Google Search
Conquer your Desktop!
Konqueror
Conquer your Desktop!
Konqueror is your file manager, web browser and universal document viewer.
Starting Points · Introduction · Tips · Specifications
Home Folder
Your personal files
Storage Media
Disks and removable media
Network Folders
Shared files and folders
Trash
Browse and restore the trash
Applications
Installed programs
About Kubuntu
Kubuntu Documentation
Next: An Introduction to Konqueror
All Applications
Press '/' to search...
Graphics
Internet
Multimedia
Office
Settings
System
Utilities
Add/Remove Programs
Help
System Settings
Actions
Run Command...
Switch User
Lock Session
Log Out...
kubuntu
Powered by Trinity
Conquer your Desktop! -
19:55
2010-09-26

We Don't Like It!

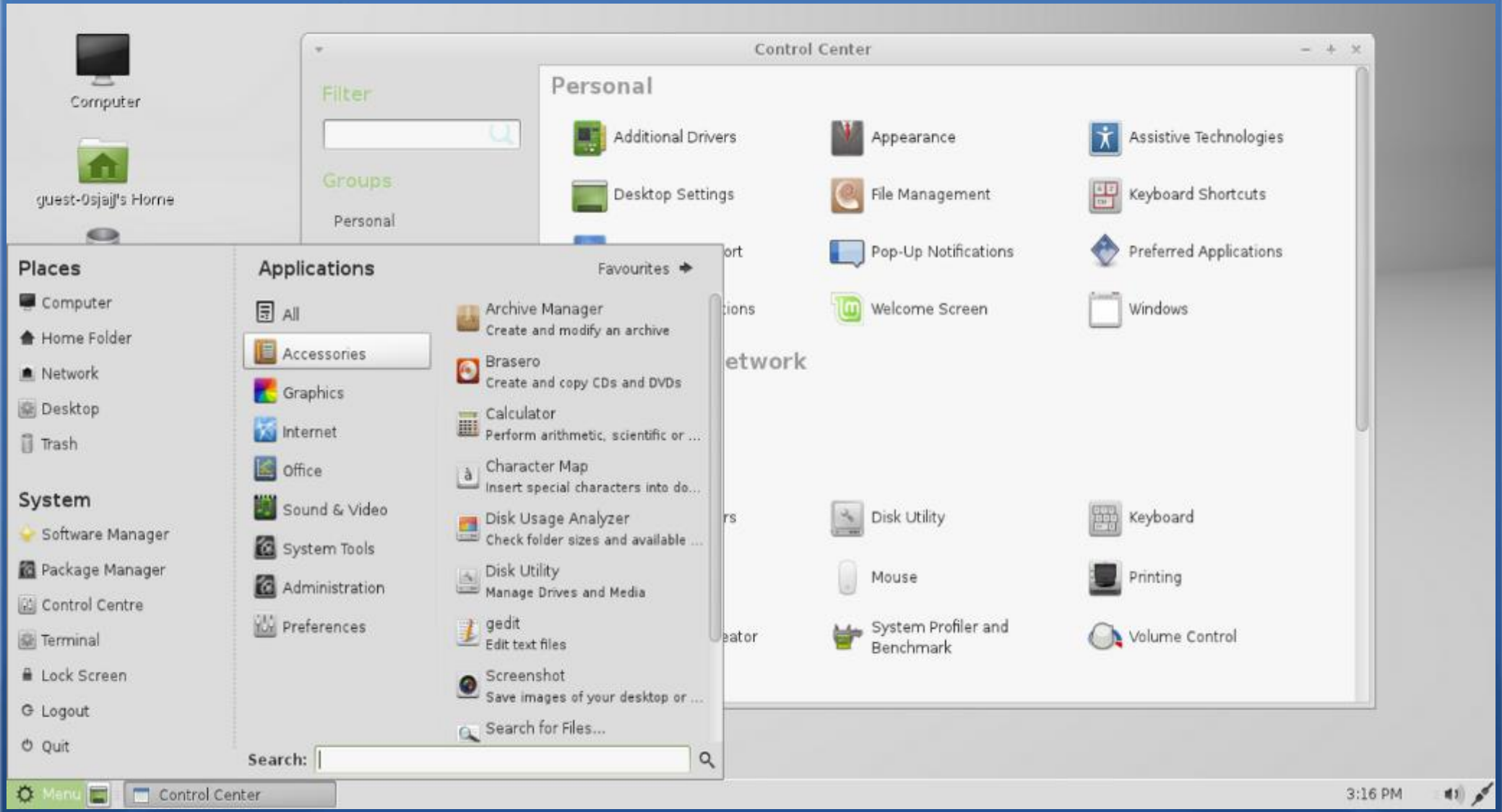
There were many users of the Gnome desktop that did not like the direction the team was going. They liked the more traditional look/feel and didn't like all the bells and whistles that were being include (which also demanded more resources).

We Don't Like It!

So, being Open Source, a new team took the v2 code and continued on developing and improving that desktop, and gave it a new name, “MATE” (ma-tay).

MATE- (Gnome2)

Applications
Places
System
Thu Apr 23, 02:38
Accessories
Education
Graphics
Internet
Office
Sound & Video
System Tools
Universal Access
ubuntu MATE

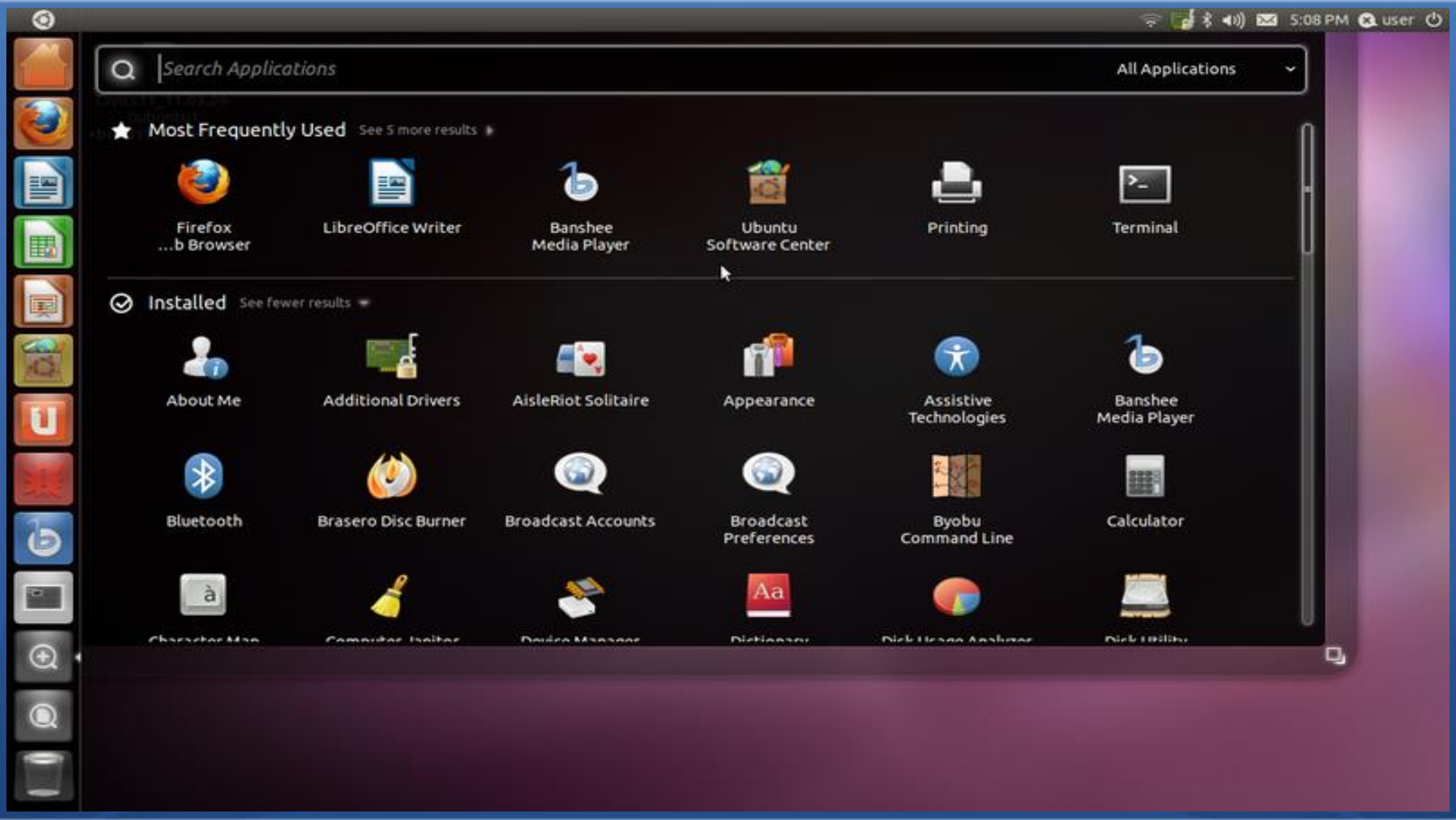

Computer
guest-0sjajl's Home
Control Center
Filter
Groups
Personal
Personal
Additional Drivers
Appearance
Assistive Technologies
Desktop Settings
File Management
Keyboard Shortcuts
Pop-Up Notifications
Preferred Applications
Welcome Screen
Windows
Disk Utility
Keyboard
Mouse
Printing
System Profiler and Benchmark
Volume Control
Places
Computer
Home Folder
Network
Desktop
Trash
System
Software Manager
Package Manager
Control Centre
Terminal
Lock Screen
Logout
Quit
Applications
Favourites
All
Accessories
Graphics
Internet
Office
Sound & Video
System Tools
Administration
Preferences
Archive Manager
Create and modify an archive
Brasero
Create and copy CDs and DVDs
Calculator
Perform arithmetic, scientific or ...
Character Map
Insert special characters into do...
Disk Usage Analyzer
Check folder sizes and available ...
Disk Utility
Manage Drives and Media
gedit
Edit text files
Screenshot
Save images of your desktop or ...
Search for Files...
Search:
Menu
Control Center
3:16 PM

Unity – (Gnome shell)

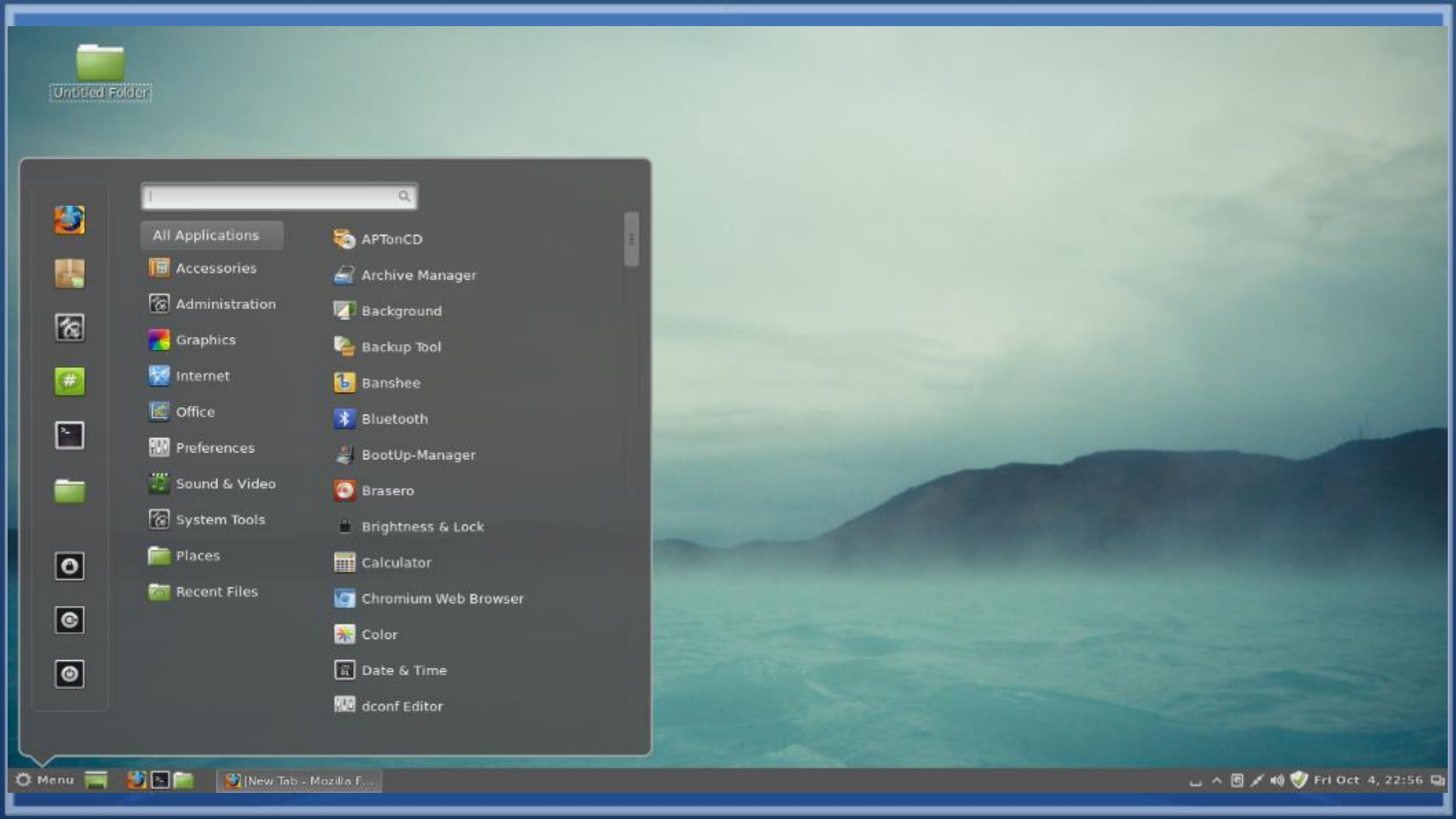
There were many users of the Gnome Shell desktop that did not like the direction the team was going. The Ubuntu development team thought they could create a better one.

Unity – (Gnome shell)

So, being Open Source, a new team took the Shell code and continued on developing and improving that desktop, and gave it a new name, “Unity”.


5:08 PM
user
Search Applications
All Applications
Most Frequently Used
See 5 more results
Firefox ...b Browser
LibreOffice Writer
Banshee Media Player
Ubuntu Software Center
Printing
Terminal
Installed
See fewer results
About Me
Additional Drivers
AisleRiot Solitaire
Appearance
Assistive Technologies
Banshee Media Player
Bluetooth
Brasero Disc Burner
Broadcast Accounts
Broadcast Preferences
Byobu Command Line
Calculator

Cinnamon- (Gnome shell)

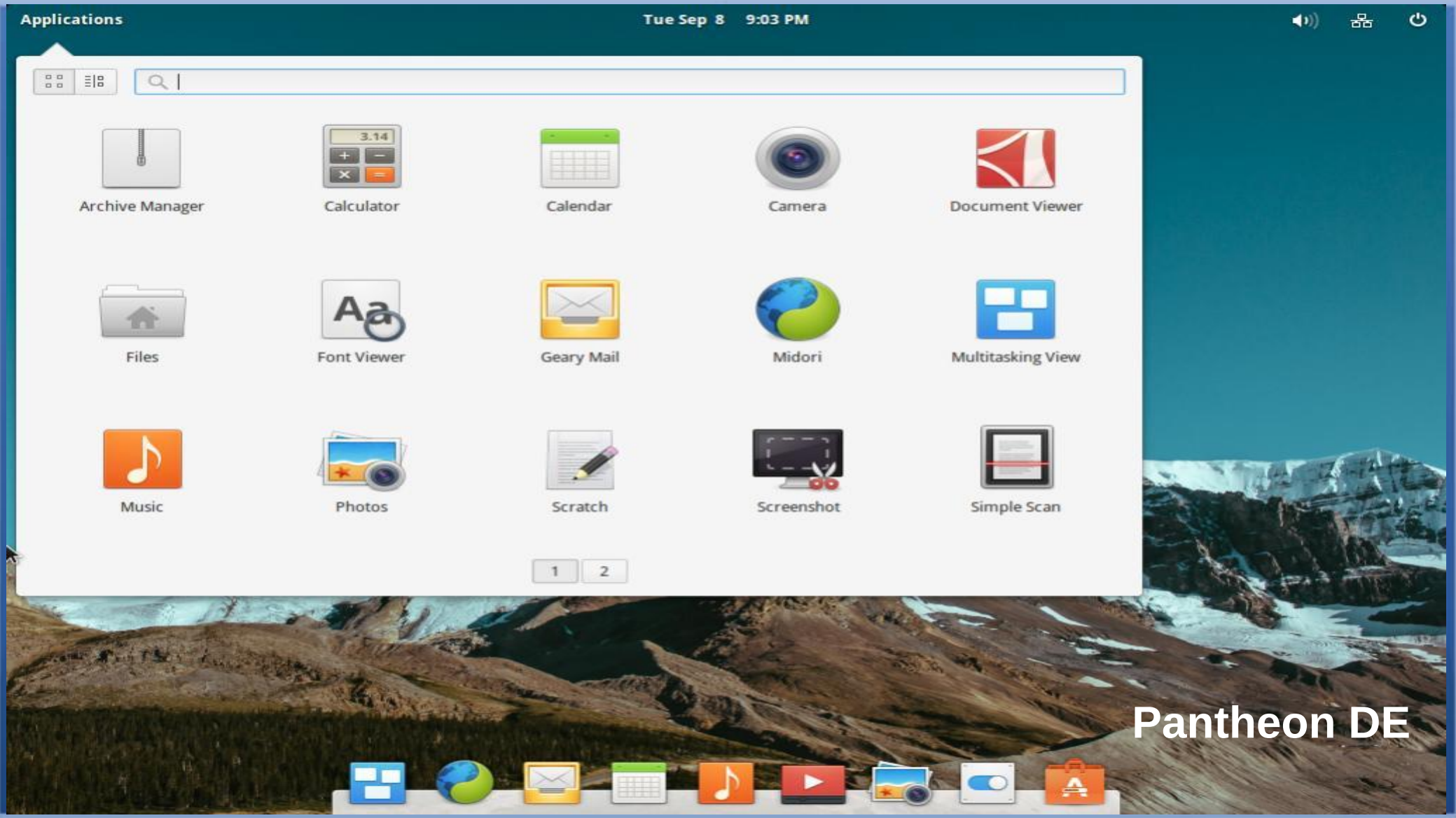

Untitled Folder
All Applications
Accessories
Administration
Graphics
Internet
Office
Preferences
Sound & Video
System Tools
Places
Recent Files
APTonCD
Archive Manager
Background
Backup Tool
Banshee
Bluetooth
BootUp-Manager
Brasero
Brightness & Lock
Calculator
Chromium Web Browser
Color
Date & Time
dconf Editor
Menu
[New Tab - Mozilla F...
Fri Oct 4, 22:56

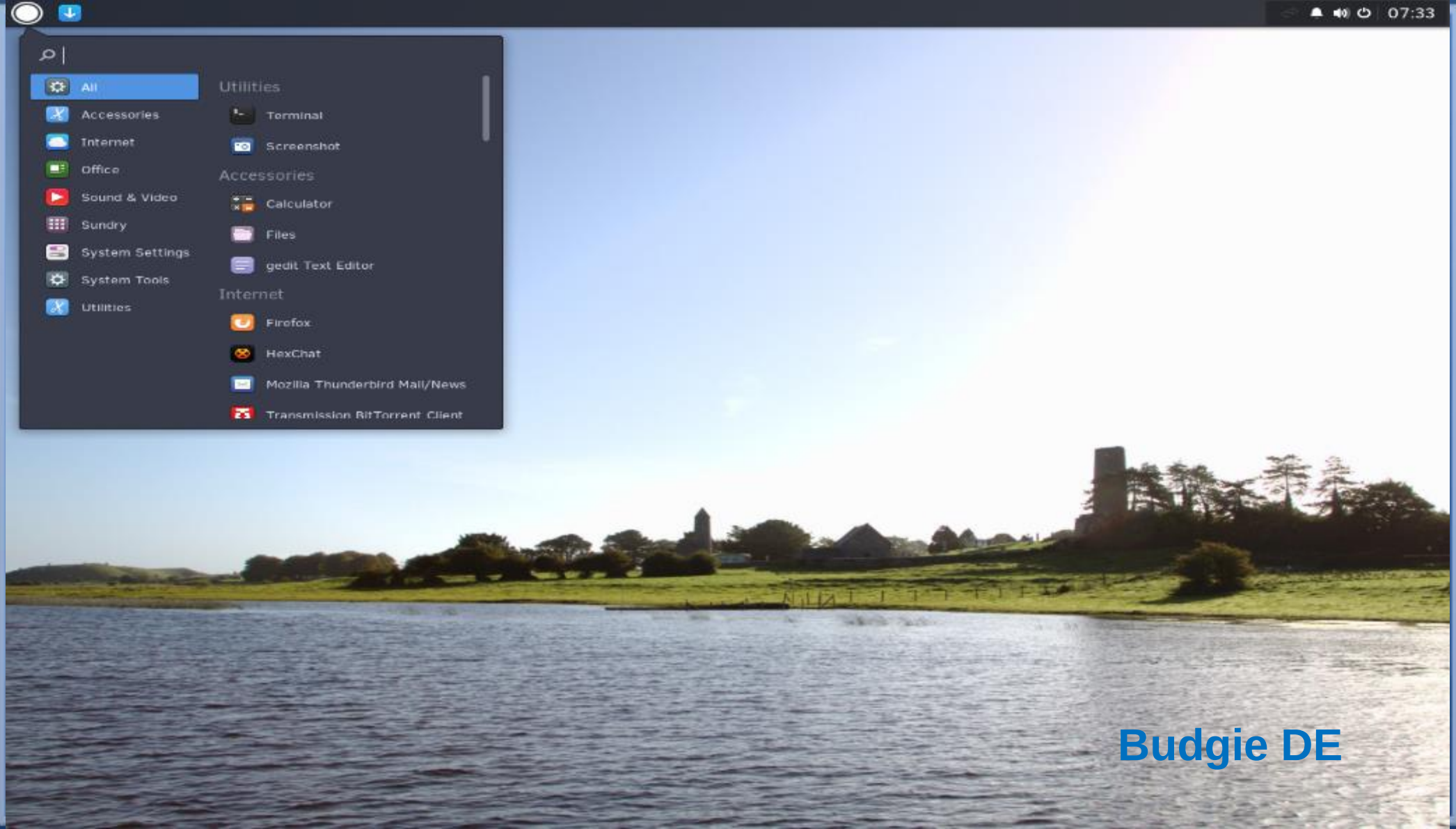
We Don't Like Either of Them!

There were many users of the Gnome Shell desktop and the Unity desktop, that did not like the direction the teams were going. They liked the more traditional look/feel and didn't like all the bells and whistles that were being include (which also demanded more resources).

We Don't Like Either of Them!

So, being Open Source, a new team took the shell code and continued on developing and improving that desktop, and gave it a new name, “Cinnamon”.


Applications
Tue Sep 8 9:03 PM
Archive Manager
Calculator
Calendar
Camera
Document Viewer
Files
Font Viewer
Geary Mail
Midori
Multitasking View
Music
Photos
Scratch
Screenshot
Simple Scan
1
2
Pantheon DE


07:33
All
Accessories
Internet
Office
Sound & Video
Sundry
System Settings
System Tools
Utilities
Utilities
Terminal
Screenshot
Accessories
Calculator
Files
gedit Text Editor
Internet
Firefox
HexChat
Mozilla Thunderbird Mail/News
Transmission BitTorrent Client
Budgie DE

Internet
Google Chrome
HexChat
Pidgin Internet Messenger
Remmina Remote Desktop Client
Skype
Thunderbird Mail
Multimedia
Brasero Disc Burner
Deepin Movie
Deepin Music
Games
Deepin Game
Graphics
Deepin DE

Wide range of choices

	K	G	X	L	M	C
Debian	x	**x**	x	x	x	x
Ubuntu/Debian	x	x	x	x	x	**
Linux Mint/Ubuntu/Debian	x		x		**x**	**x**
LMDE/Debian					**x**	**x**
Solyd-XK/Debian	**x**		**x**			

Wide range of choices

	K	G	X	L	M	C
Fedora/Red Hat	x	**x**	x	x	x	x
OpenSuSE/Slackware	x	x		x		x
Manjaro/Arch	x	x	**x**	x	x	x
PCLinuxOS/Mandriva/RH	**x**		x	x	**x**	

Choices, Choices

As you can see from the charts, you can first choose your distro and then choose your desktop; or choose your desktop and then choose a distro. Is the distro your main consideration or the desktop? The choice is up to you.

Building Parts

- General Motors = AC/Delco
- Ford = Motorcraft
- Chrysler = Mopar

Building Programs

- Slackware = slackpkg
- Debian = deb
- Red Hat = RPM
- Arch = Pacman
- Gentoo = Portage

Car Add-Ons

- A/C
- Disk player
- Power windows/doors
- Cruise
- Sun roofs
- Heated seats

(add-ons usually cost extra)

Linux Add-Ons

- Comes pretty well stocked
- Just about anything you want
- Always alternatives to the installed software
- Rarely costs any extra

Test Drives

With cars, you can try out a few under certain conditions (what you can do, where you can go, whether someone has to ride along, and how long can you do it).

Test Drives

With Linux and free LiveDisks, you can try out as many as you want with **no** restrictions (you can do whatever you want, and for however long you want). You can even run it as your OS off the disk and do everything without installing.

Which is BEST?

Best Car
Answer = ??

Best Linux
Answer = ??

The real answer is:

Whichever one meets your needs.

Thank You

For your personal test drive, visit:

http://distrowatch.com/ (links to all distros)

https://www.debian.org/distrib/

http://www.ubuntu.com/download

http://www.linuxmint.com/download.php

https://fedoraproject.org/en_GB/get-fedora

http://software.opensuse.org/131/en

Contact Info

If you have any questions or would like to share any Linux information, please contact me:

lccs.freejohn@gmail.com