

Daily Diet		
Application	Seen elsewhere	Free Software Choices
Text editor	Wordpad	Kate / Gedit/Vi/ Emacs
Office Suite Word Processor Presentation Spreadsheet Mail & Info Manager	Microsoft Office Microsoft Word PowerPoint Excel Outlook	KOffice / Open Office Kword / Writer KPresenter / Impress Kexl / Calc Thunderbird / Evolution
Browser	Safari, IE	Konqueror / Firefox
Chat client IRC	MSN, Yahoo, Gtalk, mIRC Netmeeting	Kopete / Gaim Xchat Ekiga
PDF reader	Acrobat Reader	Kpdf / Xpdf/ Evince
CD - burning	Nero	K3b / Gnome Toaster
Music, video	Winamp, Media player	XMMS, mplayer, xine, rythmbox, totem
Partition tool	Partition Magic	Gparted
Graphics and Design & Animation	Photoshop, Corel Draw Flash	GIMP, Image Magick Karbon14, Skencil, MultiGIF Splash Flash, f4l, Blender

Complete list- linuxrsp.ru/win-lin-soft/table-eng.html, linuxeq.com/

Set up Broadband

Ubuntu -set up- in terminal `sudo pppoeconf`. Follow the instructions
 start - in terminal `sudo pon dsl-provider`.
 stop - in terminal `sudo poff -a`
 Fedora - set up- in terminal `adsl-setup`. Follow the instructions.
 start - in terminal `sudo adsl-start`.
 stop - in terminal `sudo adsl-stop`.

Installing Software

Ubuntu - System->Administration->Synaptic Package Manager.
 Search, mark and apply. See ubuntuguide.org
 Fedora- in terminal `yum install <softwarename>`. See fedorafaq.org

Programming

At the terminal	
Compilation command	Execute
C <code>gcc -o outputfile inputfile.c</code>	./outputfile
C++ <code>g++ -o outputfile inputfile.cpp</code>	
IDE, Toolkit	
Web Development	NVU, Quanta Plus, Amaya, PHPMySqlAdmin
Others	Eclipse, Anjuta, GTK+, Qt, wxPython,

Getting Help

Websites - tdp.org, linux.org/docs, linuxquestions.org, howtoforge.org
 Magazines - Linux Journal, Linux For You

Books

A Practical Guide to Linux(R) Commands, Editors, and Shell Programming	- Mark G. Sobell
Linux Bible	- Christopher Negus
Running Linux	- Kalle Dalheimer and Matt Welsh
Beginning Linux Programming	- Neil Matthew, Richard Stones, Alan Cox

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Free as in freedom ...

- The freedom to run the program, for any purpose (freedom 0).
- The freedom to study how the program works, and adapt it to your needs (freedom 1). Access to the source code is a precondition for this.
- The freedom to redistribute copies so you can help your neighbor (freedom 2).
- The freedom to improve the program, and release your improvements to the public, so that the whole community benefits (freedom 3). Access to the source code is a precondition for this.

Non-Kernel parts = GNU (GNU is Not Unix) [gnu.org]

Kernel = Linux [kernel.org]

GNU Operating System = GNU/Linux or GNU+Linux

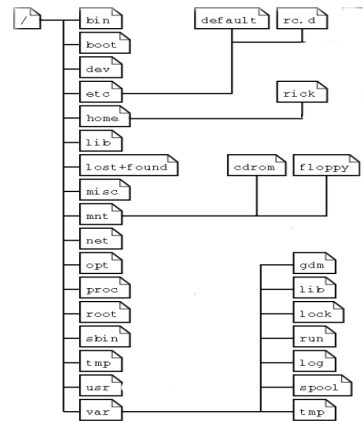
Distro - A flavor [distribution] of GNU/Linux os

Binaries - Executable

Terminal->shell->command line - interface to type in command

root - the superuser, administrator

The File system



Command line Exercise

Gnome desktop-> Application-> Accessories-> Terminal

<code>pwd</code>	Current working directory
<code>ls</code>	List contents of current directory
<code>mkdir foo</code>	create a new directory "foo"
<code>cd foo/bar</code>	change to directory "foo/bar". <code>cd</code> by itself returns you to your home directory. <code>cd ..</code> takes to parent directory.
<code>vi footext.c</code>	Opens a command line text editor. Press i to insert text. Press Esc, and ":x" to save and exit.
<code>cat footext.c</code>	Prints out contents of file footext.c
<code>cp footext.c foo.c</code>	Copies "footext.c" to "foo.c". Preserves original.
<code>mv footext.c foo.c</code>	Copies "footext.c" to "foo.c". Removes original file.
<code>rm foo.c</code>	Removes foo.c
<code>man ls</code>	Shows manual for ls command

... more at pixelbeat.org/cmdline.html

<http://www-128.ibm.com/developerworks/linux/library/l-roadmap.html>
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