
The table of equivalents / replacements / analogs of Windows software in Linux.

Last update: 16.07.2003, 31.01.2005, 27.05.2005, 04.12.2006

You can always find the last version of this table on the official site:

<http://www.linuxrsp.ru/win-lin-soft/>.

This page on other languages: [Russian](#), [Italian](#), [Spanish](#), [French](#), [German](#), [Hungarian](#), [Chinese](#).

One of the biggest difficulties in migrating from Windows to Linux is the lack of knowledge about comparable software. Newbies usually search for Linux analogs of Windows software, and advanced Linux-users cannot answer their questions since they often don't know too much about Windows :). This list of Linux equivalents / replacements / analogs of Windows software is based on our own experience and on the information obtained from the visitors of this page (thanks!).

This table is not static since new application names can be added to both left and the right sides. Also, the right column for a particular class of applications may not be filled immediately. In future, we plan to migrate this table to the PHP/MySQL engine, so visitors could add the program themselves, vote for analogs, add comments, etc.

If you want to add a program to the table, send mail to [winlitable\[a\]linuxrsp.ru](mailto:winlitable[a]linuxrsp.ru) with the name of the program, the OS, the description (the purpose of the program, etc), and a link to the official site of the program (if you know it). **All comments, remarks, corrections, offers and bugreports** are welcome - send them to [winlitable\[a\]linuxrsp.ru](mailto:winlitable[a]linuxrsp.ru).

Notes:

- 1) By default all Linux programs in this table are **free as in freedom**. (Definitions of Free Software: [FSF](#) and [Debian](#)). Proprietary software for Linux is marked with the sign **[Prop]**. Non-free software (open source or relatively free, but have certain restrictive limits) is marked with the sign **[NF]**.
- 2) If there is nothing in the field of the table, except "???" - the authors of the table do not know what to place there.
- 3) If the sign (???) stands after the name of the program - the authors of the table are not sure about this program.

The important ideological difference between Windows and Linux:

The majority of the Windows programs are made on principle "all-in-one" (each developer adds everything to his or her product). In the same way, this principle is called the "Windows-way".

The ideology of UNIX/Linux - one component or one program must execute only one task, but execute it well. ("UNIX-way"). The programs under Linux can be thought of as being like the LEGO building blocks. (for instance, if there is a program for spell checking, it can be used with the text editor or email client; or if there is the powerful command-line program for files downloading, it is simple to write the graphic interface (Front-end) for it, etc).

This principle is very important and it is necessary to know it while searching for analogs of Windows-programs in Linux :).

You can read more about it in the book ["Linux and the Unix Philosophy"](#). There is a chapter in the book that specifically addresses philosophical differences between Windows and Linux.

Attention! There may be many mistakes and bugs in the table!! ([report about the bugs](#)).

For those who interested more in Windows-software:

- 1) The "Windows" row in this table is not main. That's why it does not contains absolutely all of existing software - only the best and popular programs.
- 2) Many of the Linux programs can be run on Windows - with CygWin and other Linux emulators.

Places where you can get Linux software:

[FreshMeat.net](#) | [SourceForge.net](#) - Two biggest portals. You can find everything you want!!

[LinuxApps.com](#) | [IceWalkers.com](#) | [Linux.Tucows.com](#) - I like these catalogs.

[Download.com / Linux](#) | [LinuxSoftware.org](#) | [FileWatcher.org](#) | [LinuxArchives.com](#) - other catalogs.

Programs / packages / libraries search systems: [RPMseek.org](#) | [Tuxfinder.com](#) | [RPMfind.net](#)

Programs and games for Windows, that can be run under Wine/WineX:

- 1) [The official catalog of Windows apps, running under Wine](#). (from Codeweavers). There are already more than 1000 applications in the database, so the catalog is structured and has a navigation system.
- 2) **The official list of Windows games, that can be run under WineX** (fromTransgaming). This is a [search form](#), and this is a [full list of games](#) (very big!).

The Sections:

- 1) [Networking](#).
- 2) [Work with files](#).
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 - 4.1) [Audio / CD](#).
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- 8) [Server software](#).
- 9) [Scientific and special programs](#).
- 10) [Emulators](#).
- 11) [Other / Humour](#) :).

Description of the program, executed task	Windows	Linux
1) Networking.		
Web browser	Internet Explorer, Netscape / Mozilla, Opera [Prop], Firefox , ...	1) Netscape / Mozilla . 2) Galeon . 3) Konqueror . 4) Opera . [Prop] 5) Firefox . 6) Nautilus . 7) Epiphany .

		8) Links . (with "-g" key). 9) Dillo . 10) Encompass .
Console web browser	1) Links 2) Lynx 3) Xemacs + w3.	1) Links . 2) ELinks . 3) Lynx . 4) w3m . 5) Xemacs + w3.
Email client	Outlook Express, Netscape / Mozilla, Thunderbird, The Bat, Eudora, Becky, Datula, Sylpheed / Sylpheed-claws , Opera	1) Evolution . 2) Netscape / Mozilla/Thunderbird messenger. 3) Sylpheed / Sylpheed-claws . 4) Kmail . 5) Gnus . 6) Balsa . 7) Bynari Insight GroupWare Suite . [Prop] 8) Arrow . 9) Gnumail . 10) Althea . 11) Liamail . 12) Aethera . 13) MailWarrior. 14) Opera.
Email client / PIM in MS Outlook style	Outlook	1) Evolution . 2) Bynari Insight GroupWare Suite . [Prop] 3) Aethera . 4) Sylpheed . 5) Sylpheed-claws .
Email client in The Bat style	The Bat	1) Sylpheed . 2) Sylpheed-claws . 3) Kmail . 4) Gnus . 5) Balsa .
Console email client	Mutt [de], Pine, Pegasus, Emacs	1) Pine . [NF] 2) Mutt . 3) Gnus . 4) Elm . 5) Emacs .
News reader	1) Agent [Prop] 2) Free Agent 3) Xnews	1) Knode . 2) Pan . 3) NewsReader .

	<ul style="list-style-type: none"> 4) Outlook 5) Netscape / Mozilla 6) Opera [Prop] 7) Sylpheed / Sylpheed-claws 8) Dialog 9) Gravity 10) BNR2 	<ul style="list-style-type: none"> 4) Netscape / Mozilla. 5) Opera [Prop] 6) Sylpheed / Sylpheed-claws. Console: 7) Pine. [NF] 8) Mutt. 9) Gnus. 10) tin. 11) slrn. 12) Xemacs. 13) BNR2.
Address book	Outlook	<ul style="list-style-type: none"> 1) Rubrica
Files downloading	<ul style="list-style-type: none"> Flashget, Go!zilla, Reget, Getright, DAP, Wget, WackGet, Mass Downloader, ... 	<ul style="list-style-type: none"> 1) Downloader for X. 2) Caitoo (former Kget). 3) Prozilla. 4) Wget (console, standard). 5) GUI for Wget: Kmag, Gnome Transfer Manager, QTget, Xget, ... 6) Aria. 7) Axel. 8) Download Accelerator Plus. 9) GetLeft. 10) Lftp.
Sites downloading	<ul style="list-style-type: none"> Teleport Pro, Htrack, Wget, ... 	<ul style="list-style-type: none"> 1) Htrack. 2) WWW Offline Explorer. 3) Wget (console, standard). GUI: Kmag, QTget, Xget, ... 4) Downloader for X. 5) Pavuk. 6) XSiteCopy. 7) GetLeft. 8) Curl (console). 9) Khtrack.
FTP-clients	<ul style="list-style-type: none"> Bullet Proof FTP, CuteFTP, WSFTP, SmartFTP, FileZilla, ... 	<ul style="list-style-type: none"> 1) Gftp. 2) Konqueror. 3) KBear. 4) IglooFTP. [Prop] 5) Nftp. 6) Wxftp. 7) AxyFTP. 8) mc. (cd ftp://...) 9) tkFTP.

Console FTP-clients	FTP in Far, ftp.exe, Ncftp	<ul style="list-style-type: none"> 10) Yafc. 11) Dpsftp. (dead project) 1) Ncftp. 2) Lftp. 3) Avfs. (From any program: /#ftp:...)
IRC-clients	Mirc, Klient, VIRC, Xircon, Pirch, XChat	<ul style="list-style-type: none"> 1) Xchat. 2) KVirc. 3) Irssi. 4) BitchX. 5) Ksirc. 6) Epic. 7) Sirc. 8) PJIRC.
Local network chat clients without server	<ul style="list-style-type: none"> 1) QuickChat 2) Akeni 3) PonyChat 4) iChat 	<ul style="list-style-type: none"> 1) talk (console), ktalk. 2) Akeni. 3) Echat. 4) write, wall (chat between users of one machine)
Local messaging with Windows machines	WinPopUp	<ul style="list-style-type: none"> smbclient (console). GUI: 1) LinPopUp 2. 2) Kpopup. 3) Kopete.
Instant Messaging clients	ICQ Lite, ICQ Corp, MSN, AIM , Yahoo , ... Trillian ICQ (freeware, can replace all common IM clients), Miranda , Gaim	<ul style="list-style-type: none"> 1) Licq (ICQ). 2) Centericq (Nearly all IM protocols, console). 3) Alicq (ICQ). 4) Micq (ICQ). 5) GnomeICU (ICQ). 6) Gaim. (Nearly all IM protocols) 7) Ayttm. (Nearly all IM protocols) 8) Kopete. 9) Everybuddy. 10) Simple Instant Messenger. 11) Imici Messenger. 12) Ickle (ICQ). 13) aMSN (MSN). 14) Kmerlin (MSN). 15) Kicq (ICQ). 16) YSM. (ICQ, console). 17) kxicq. 18) Yahoo Messenger for Unix. 19) Kmess (MSN).

		20) AIM . 21) MSNre . (console)
Jabber IM clients	JAJC , Tkabber (+activestate tcl) , Psi , Exodus , WinJab , myJabber , RhymBox , Rival , Skabber , TpicIM , Vista , Yabber , Miranda , Gaim , Akeni Messenger Jabber Edition	1) Tkabber . 2) Gabber . 3) Psi . 4) Gaim . 5) Centericq (console). 6) Ayttn . 7) Akeni Messenger Jabber Edition .
Monitoring sites and mailboxes, displaying news headlines or full articles	WatzNew	1) Web Secretary . 2) Knewsticker & korn. 3) Mozilla (???). 4) <code>watch -n seconds lynx -dump</code>
Video/audio conference	NetMeeting	1) GnomeMeeting . 2) vat/vic/wb . 3) rat/wbd/nte . 4) NeVoT . 5) IVS .
Voice communication	Speak Freely	1) Speak Freely for Unix . 2) TeamSpeak .
Firewall (packet filtering)	BlackICE, ATGuard, ZoneAlarm, Agnitum Outpost Firewall, WinRoute Pro , Norton Internet Security, Sygate Personal Firewall PRO , Kerio Personal Firewall, ...	iptables or more outdated ipchains (console, standard). Front ends: 1) Kmyfirewall . 2) Easy Firewall Generator . 3) Firewall Builder . 4) Shorewall . 5) Guarddog . 6) FireStarter . 7) Smoothwall . [Prop] 8) IPCop . 9) Zorp .
IDS (Intrusion Detection System)	1) BlackICE 2) Agnitum Outpost Firewall 3) Tripwire [prop] 4) Kerio Personal Firewall	1) Snort . 2) Portsentry / Hostsentry / Logsentry . 3) Tripwire [GPL]. 4) Tripwall. 5) AIDE. 6) ViperDB. 7) Integrit. 8) Cerberus Intrusion Detection System . 9) MIDAS NMS .

Port scanning detection	???	1) Pkdump .
Making the system more securely	???	1) Bastille . 2) Linux Security Auditing Tool .
Visual route	VisualRoute [Prop]	1) Xtraceroute . 2) VisualRoute . [Prop] 3) Mtr . 4) Geotrace .
Content (ad / popup) filtering	Proxomitron, ATGuard, Agnitum Outpost Firewall, Privoxy , MS ISA server, Guidescope , ...	1) DansGuardian . 2) Squid. 3) Squidguard . 4) Privoxy . 5) JunkBuster . 6) Zorp . 7) Fork . 8) Redirector .
Traffic control / shaping	WinRoute Pro , ...	1) IP Relay . 2) CBQ (from iproute2 package). 3) tc (from iproute2 package). 4) LARTC .
Traffic accounting	Netstat, Tmeter , ...	1) Tcp4me . 2) Getstatd . 3) Ipacct . 4) Ipac-ng . 5) Ipaudit . 6) Lanbilling . 7) SARG (full Squid traffic). 8) Talinux . 9) NetUP UserTrafManager . 10) MRTG . 11) NetTop .
Peer-to-peer clients / servers, file sharing (p2p)	Morpheus (Gnutella), WinMX, Napster, KaZaA (Fasttrack), eDonkey [Prop], eMule , TheCircle , Bittorrent , SoulSeek, Direct Connect	1) Mldonkey . (eDonkey, Soulseek, Fasttrack, Gnutella, Open Napster, Direct Connect, BitTorrent) 2) LimeWire . (Gnutella) 3) Lopster . (OpenNAP) 4) Gnapster . (OpenNAP) 5) eDonkey . (eDonkey) [Prop] 6) cDonkey . (eDonkey) 7) Gift client / server / fasttrack plugin (Fasttrack) 8) ed2k_gui. 9) Gtk-Gnutella . (Gnutella) 10) Qtella . (Gnutella)

"Hotline" p2p protocol clients / servers	???	<ul style="list-style-type: none"> 11) Mutella. (Gnutella, console) 12) TheCircle. 13) Freenet. (fully anonymous p2p) 14) GNet. 15) Lmule. (eDonkey) 16) Xmule. (eDonkey) 17) Bittorrent. 18) PySoulSeek (Soulseek). 19) Loophole. (WinMX) [Prop] 20) Direct Connect. 21) QuickDC. (Direct Connect). 22) OverNet. 23) Apollon. 24) GrapeWine. (fully anonymous p2p) 25) Snark. (Bittorrent) <p>Clients:</p> <ul style="list-style-type: none"> 1) Gtkhx. 2) Fidelio. 3) GHX. [Prop] <p>Servers:</p> <ul style="list-style-type: none"> 1) Synapse. 2) HSX.
Program for working with sound modem with many functions - from answerback and AON to fax device	Venta Fax, PrimaFax	<ul style="list-style-type: none"> 1) Gfax. (???) 2) PrimaFax. [Prop, 99\$] 3) mgetty + voice + sendfax. 4) vgetty.
Work with faxes	WinFax	<ul style="list-style-type: none"> 1) HylaFax. 2) Fax2Send. [Prop] 3) Efax. 4) VSI-FAX. [Prop]
Dialup	Vdialer, etc	<ul style="list-style-type: none"> 1) Kppp. 2) X-isp. 3) wvdial. (Front ends: X-wvdial, kvdial, gtkdial). 4) Gppp. 5) Kinternet. 6) Rp3. 7) pppconfig + pon + poff. 8) Modem Lights. 9) Netcount. (console)
FTN editor	Golded	<ul style="list-style-type: none"> 1) Golded. 2) Golded+. 3) Msged.

		4) Qded.
FTN tosser	FastEcho, hpt	<ol style="list-style-type: none"> 1) hpt. 2) CrashEcho. 3) Qecho. 4) CrashMail II. 5) Fidogate - gate to news. 6) ifmail - gate to news.
FTN mailer	SF-Mail, T-Mail	<ol style="list-style-type: none"> 1) ifcico. 2) qico. 3) Bforce. 4) Binkd.
Remote management	<ol style="list-style-type: none"> 1) VNC, Virtual Network Computing 2) Remote Administrator (Radmin) [Prop] 3) Remote Assistance [Prop] 4) Symantec pcAnywhere [Prop] 5) Windows Terminal Server [Prop] 6) Rdesktop [Prop] 7) Radmin [Prop] 8) PC-Duo [Prop] 9) Huey PC Remote Control (only for NT) [Prop] 10) Timbuktu Pro [Prop] 11) LapLink [Prop] 12) GoToMyPC [Prop] 13) Bo2k and other trojans 	<ol style="list-style-type: none"> 1) VNC, Virtual Network Computing. 2) ssh. 3) Remote management is built-in in XFree86. 4) Remote management is built-in in KDE 3.1. ("desktop sharing"). 5) Rdesktop Client. 6) rsh / rlogin. 7) telnet. 8) Gtelnet. 9) x0rfbserver. 10) KDE Universal Remote Desktop.
Transmission of the files on modem	HyperTerminal, Terminate, etc	<ol style="list-style-type: none"> 1) Minicom + lrzsz + Kermit. 2) Mstern. 3) Xtel. 4) uucp. 5) lrzsz + cu from uucp.
Work with ssh	Putty, Irlex, cygwin + ssh	<ol style="list-style-type: none"> 1) Kssh. 2) ssh / openssh. 3) GTelnet. (Telnet, SSH, Rlogin)
Network monitoring tool	Dumeter, Netmedic	<ol style="list-style-type: none"> 1) Gkrellm. 2) Big Brother. 3) Etherape. 4) Nagios. 5) Tkined. 6) MRTG.

		<ul style="list-style-type: none"> 7) Rrdtool. 8) PIKT. 9) Autostatus. 10) bcnu. 11) mon. 12) Sysmon. 13) Spong. 14) SNIPS. 15) iptraf (console). 16) Ksysguard. 17) OpenNMS. 18) tcpdump.
Network maintance tool	HP OpenView, MS SMS, Tivoli	<ul style="list-style-type: none"> 1) HP OpenView agents. [Prop] 2) Big Brother. 3) Cheops. 4) Tkined. 5) OpenNMS.
Protocols analysing, sniffing	Sniffer Pro , EtherPeek (TokenPeek, AiroPeek), Windump , Ethereal , MS Network Monitor, Iris, Lan Explorer , NetSniffer , Snort, ...	<ul style="list-style-type: none"> 1) Ethereal. 2) Tcpdump. 3) Etherape. 4) Ntop. 5) ipxdump. (+ipxparse for parsing) 6) Snort.
Security scanner	ShadowScan, ISS, Retina, Internet Scanner	<ul style="list-style-type: none"> 1) Nessus. 2) Nmap.
Routing	MS RRAS	<ul style="list-style-type: none"> 1) iproute2 + iptables. 2) GateD. [Prop] 3) GNU Zebra.
Utilites and libraries for Ethernet/IP testing	lcrzo	lcrzo
IP-telephony	Buddyphone [Prop], Cisco SoftPhone	<ul style="list-style-type: none"> 1) GNU Bayonne. 2) Openh323. 3) OpenPhone. 4) tkPhone. 5) NauPhone.
Sharing data/files	Windows shares	<ul style="list-style-type: none"> 1) NFS. 2) Samba. 3) Samba-TNG. 4) FTP.
???	Windows Domain, Active Directory	<ul style="list-style-type: none"> 1) Samba. 2) Ldap.

		3) yp.
Viewing Windows-network	Network neighborhood	1) Samba. 2) KDE Lan Browser, lisa 3) LinNeighborhood. 4) xSMBrowser . 5) Komba2 . 6) Konqueror .
ADSL	1) RASPPPOE	1) rp-pppoe. 2) Pptp client .
Distributed computing	All projects . 1) United Devices . 2) Seti @ Home . 3) Folding @ Home . 4) Genome @ Home .	All projects . 1) Distributed.net . 2) Seti @ Home . 3) Folding @ Home . 4) Genome @ Home . 5) D2ol . * Some versions for Linux run only in console mode.
IPSEC protocol	-	FreeSWAN .
VRML viewer and editor	???	1) White Dune .
Work with Ebay	???	1) Bidwatcher .
2) Work with files.		
File manager in FAR and NC style	FAR, Norton Commander, Disco Commander, Volcov Commander, etc	1) Midnight Commander . 2) X Northern Captain . 3) Deco (Demos Commander) . 4) Portos Commander . 5) Konqueror in MC style . 6) Gentoo. 7) VFU . 8) Ytree .
File manager in Windows Commander style	Total Commander (former Windows Commander)	1) Krusader . 2) Kcommander . 3) FileRunner (TCL/TK). 4) Linux Commander . 5) LinCommander . 6) Rox , Rox-Filer . 7) Emelfm . 8) Midnight Commander . 9) Worker .
File manager in Windows style	Windows Explorer / Internet Explorer	1) Konqueror . 2) Gnome-Commander .

Visual Shell	???	<ul style="list-style-type: none"> 3) Nautilus. 4) Endeavour Mark II. 5) XWC. 1) vshnu: the New Visual Shell.
Quick viewing of local HTML documents	<ul style="list-style-type: none"> 1) Internet Explorer 2) Microsoft Document Explorer 	<ul style="list-style-type: none"> 1) Dillo. (Russian language patches - here). 2) Konqueror. 3) Nautilus. 4) Lynx / Links.
Viewing all operations with files	Filemon	Filemon .
Work with UDF	Roxio (former Adaptec) UDF Reader, Roxio Direct CD	Linux-UDF .
Work with multi session CD + recovering information from faulty multi session disks	IsoBuster	CDFS .
Work with compressed files	<ul style="list-style-type: none"> 1) WinZip 2) WinRar 3) 7-Zip 4) WinACE 5) UltimateZip 	<ul style="list-style-type: none"> 1) Ark (kdeutils). 2) Gnozip. 3) KArchiveur. 4) Gnohive. 5) FileRoller. 6) Unace. 7) LinZip. 8) TkZip.
Console archivers	arj, rar, zip, tar, gzip, bzip2, lha...	<ul style="list-style-type: none"> 1) tar, gzip, bzip2. 2) Unarc. 3) Lha. (on Japanese) 4) Infozip. 5) Arj. 6) Avfs. (The support of any archive from any program - file.zip#/...). 7) Zoo. 8) RAR. 9) CAB Extract.
Program for files and directories comparison	<ul style="list-style-type: none"> 1) Beyond Compare. 2) Araxis Merge. 3) WinMerge 4) Minimalist GNU For Windows (diff.exe) 5) Unison 	<ul style="list-style-type: none"> 1) Mgdiff. 2) diff, patch. 3) Xemacs. 4) Xdelta. (make patches for binary files) 5) Meld. 6) Xxdiff.

7) [Unison](#).

Batch file renaming Plugins to TotalCommander,
... 1) [GPRename](#). (Perl-based)
2) Plugins for MC (???)

3) Desktop / System software.

Text editor Notepad, WordPad, TextPad,
[Vim](#), [Xemacs](#), ... 1) Kedit (KDE).
2) Gedit (Gnome).
3) [Gnotepad](#).
4) [Kate](#) (KDE).
5) KWrite (KDE).
6) Nedit.
7) [Vim](#).
8) [Xemacs](#).
9) [Xcoral](#).
10) [Nvi](#).
11) [Ozeditor](#).

Console text editor 1) [Vim](#).
2) [Emacs](#).
3) [Nano](#). (It's a free implementation of
[pico](#))
4) [joe](#).
5) [Fte](#).
6) [Jed](#).
7) CoolEdit.
1) [Vim](#)
2) [Emacs](#)
3) Editor from FAR, editor
from DN, ...

Multi-purpose text and source
code editor [SciTE](#), [UltraEdit](#), MultiEdit,
[Vim](#), [Xemacs](#), ... 1) [Kate](#) (KDE).
2) Nedit.
3) [CodeCommander](#).
4) [SciTE](#).
5) [Quanta Plus](#).
6) [Vim](#).
7) [Xemacs](#).
8) Mcedit (comes with [mc](#)).
9) [Jed](#).
10) [Setedit](#). (Turbo Vision looking style)
11) [HT editor](#).

Text editor with cyrillic
encodings support Bred, Rpad32, Aditor, [Vim](#),
[Xemacs](#) 1) [Kate](#) (KDE).
2) Nedit.
3) [Fte](#) (console).
4) Patched version of Midnight

		<p>Commander.</p> <p>5) Vim.</p> <p>6) Xemacs.</p>
Viewing PostScript	<p>1) RoPS</p> <p>2) GhostView</p>	<p>1) GhostView.</p> <p>2) Kghostview.</p> <p>3) GV.</p> <p>4) GGV.</p>
Viewing PDF	<p>1) Adobe Acrobat Distiller</p> <p>2) GhostView</p>	<p>1) Acrobat Reader. [Prop]</p> <p>2) Xpdf.</p> <p>3) GV.</p> <p>4) GGV.</p> <p>5) GhostView.</p> <p>6) Kghostview.</p>
Creating PDF	<p>1) Adobe Acrobat Distiller</p> <p>2) GhostView</p> <p>3) Ghostscript</p>	<p>1) Any Linux WYSIWYG program -> print to file -> ps2pdf. (Here's an article about this).</p> <p>2) Adobe Acrobat Distiller. [Prop]</p> <p>3) PStill. [Shareware]</p> <p>4) PDFLatex.</p> <p>5) Xfig.</p> <p>6) Ghostscript.</p> <p>7) Tex2Pdf.</p> <p>8) Reportlab.</p> <p>9) GV.</p> <p>10) GGV.</p> <p>11) GhostView.</p> <p>12) Kghostview.</p> <p>13) Panda PDF Generator.</p>
Crypto	<p>PGP, GnuPG + Windows Privacy Tools</p>	<p>1) GnuPG (console) + GPA, KGpg, and other frontends.</p> <p>2) PGP. [Prop]</p>
Disc volume encryption	<p>EFS (standard), PGP-Disk, BestCrypt, Private Disk Light</p>	<p>1) Loop-aes.</p> <p>2) CFS.</p> <p>3) TCFS.</p> <p>4) BestCrypt.</p> <p>5) CryptFS.</p>
Task scheduler	<p>mstask, nnCron</p>	<p>cron, at (standard, console). GUI: Kcron.</p>
Outlook scheduler	<p>Outlook scheduler</p>	<p>1) KOrganizer.</p>
Virtual CD	<p>VirtualDrive, VirtualCD, Daemon Tools, ...</p>	<p>1) Virtual CD Kernel Modul.</p> <p>2) "cp /dev/cdrom mycd.iso" + "mount</p>

		-o loop mycd.iso /mnt/cdrom/".
Text recognition (OCR)	Recognita, FineReader	1) ClaraOcr . 2) Goocr . 3) Kooka .
Translators (cyrillic)	Prompt, Socrat	Ksocrat (???)
Eng-rus dictionaries (cyrillic)	1) ABBYY Lingvo 2) Socrat 3) JaLingvo 4) phpMyLingvo	1) Mueller . 2) Ksocrat . 3) JaLingvo . 4) phpMyLingvo . 5) dict+Kdict. 6) DictX . 7) Groan . 8) Mova. 9) Slowo. 10) Stardict .
Work with scanner	Programs on CD with scanner, VueScan	1) Xsane . 2) Kooka . 3) Xvscan . [Prop] 4) VueScan . [Prop]
Antivirus	AVG AntiVirus, NAV, Dr. Web, TrendMicro , F-Prot , Kaspersky, ...	1) Dr. Web . [Prop] 2) Trend ServerProtect . [Prop] 3) RAV Antivirus . [Prop] (Bought by Microsoft?) 4) OpenAntivirus + AMaViS / VirusHammer . 5) F-Prot . [Prop] 6) Sophie / Trophie . 7) Clam Antivirus . 8) Kaspersky . [Prop] 9) YAVR .
System configuration	Control Panel, Msconfig, RegEdit, WinBoost, TweakXP, Customizer XP, X-Setup, PowerToys, Config NT, ...	1) setup (Red Hat). 2) chkconfig (Red Hat). 3) redhat-config-<feature>. (Red Hat 8.0). 4) xf86config, xf86cfg. 5) Linuxconf . 6) Drakeconf. 7) Webmin. 8) yast and yast2 (SuSE). 9) sysinstall (FreeBSD). 10) /dev/hands :).

Boot managers	System Commander, PowerQuest Boot Magic, GAG , ...	<ol style="list-style-type: none"> 1) Grub. 2) Lilo. 3) ASPLoader. 4) Acronis OS Selector [Prop]. 5) Ranish Partition Manager. 6) osbs. 7) Symon. 8) Smart Boot Manager. 9) Xosl. 10) GAG.
Hard disk partitions manager	<ol style="list-style-type: none"> 1) PowerQuest Partition Magic [Prop] 2) Acronis PartitionExpert [Prop] 3) Paragon Partition Manager [Prop] 4) Partition Commander [Prop] 	<ol style="list-style-type: none"> 1) PartGUI. (GUI for partimage and parted) 2) GNU Parted. (GUI - QTParted). 3) Partition Image. 4) fips. 5) Diskdrake (Mandrake). 6) Paragon Partition Manager [Prop]. 7) Acronis PartitionExpert [Prop]. (review)
LVM + soft-RAID + parted + ...		EVMS .
Backup software	ntbackup (standard), Legato Networker [Prop]	<ol style="list-style-type: none"> 1) Legato Networker. [Prop] 2) Lonetar. [Prop] 3) Disk Archive. 4) Bacula. 5) Taper. 6) dump / restore. (console, standard) 7) Amanda (console). 8) Mondo Rescue. (backups that boot and auto restore themselves to disk)
Making images of disk partitions	<ol style="list-style-type: none"> 1) DriveImage 2) Ghostpe 	<ol style="list-style-type: none"> 1) PartitionImage (GUI - PartGUI). 2) dd (console, standard). 3) Mondo Rescue.
Machine mirroring over network	<ol style="list-style-type: none"> 1) ImageCast 2) Norton Ghost 	<ol style="list-style-type: none"> 1) UDP Cast. 2) Techteam's UDP Cast Disks. 3) Ghost for Unix (g4u).
Task manager	TaskMan (standard), TaskInfo, ProcessExplorer NT.	<ol style="list-style-type: none"> 1) top (console, standard). 2) Gtop, Ktop. 3) Ksysguard. 4) "ps aux more", "kill <pid>"

Automatic switch between English and Russian when you type	Punto Switcher , Keyboard Ninja , Snoop	No analogs :(.
Mouse gestures	Sensiva	1) Kgesture. 2) wayV . 3) Optimoz .
TV program	???	Home Portal .
Text to speech	MS text to speech	1) KDE Voice Plugins . 2) Festival . 3) Emacspeak . 4) VoiceText .
Speech recognition	ViaVoice, DragonNaturally Speaking	Yes, there are no usable speech recognition packages. But: 1) Sphinx . 2) ViaVoice. (almost dead...)
Stream text processing	1) Minimalist GNU For Windows (sed.exe) 2) perl	1) sed, awk. 2) perl .
PIM / DB / hierarchical notebook with tree view	TreePad [Prop], Leo , CueCards	1) TreePad Lite . [Prop] 2) Yank . 3) TreeLine . 4) Gjots . 5) Leo . 6) Hnb - hierarchical notebook . 7) TuxCards .
Program for quick switching between resolutions and frequencies	Integrated with system, comes on CD with video card	1) Multires . 2) Ctrl+Alt+"-", Ctrl+Alt+"+". 3) Fbset . (when using framebuffer)
Search and replace text in files	1) Integrated with system 2) Indexing service 3) HTMLChanger 4) Any file manager	1) find (console, standard). 2) slocate (console, standard). GUI: 1) Gsearchtool. 2) Kfind. 3) Any file manager
Local search engine with SGBD for indexing	1) Indexing service (???) 2) mnoGoSearch . [prop for Windows]	1) mnoGoSearch . 2) ASPSeek .
System monitoring	System monitor (built-in)	1) top (console, standard). 2) Gkrellm .

		<ul style="list-style-type: none"> 3) Ksysguard. 4) Survivor. 5) "Hot-babe". (If you can be shocked by nudity, don't use it :).
Program for logs viewing	Event Viewer (built-in)	<ul style="list-style-type: none"> 1) Xlogmaster. 2) Analog. 3) Fwlogview. (firewall)
Data Recovery Tools	R-Studio (supports Linux partitions)	<ul style="list-style-type: none"> 1) e2undel. 2) myrescue. 3) TestDisk. 4) unrm. 5) Channel 16.
Text files encoder with automatic detection of character set	???	<ul style="list-style-type: none"> 1) Enca. 2) Jconv. 3) Xcode. (cyrillic) 4) Asreco. (cyrillic)
Alarm clock	MindIt!	<ul style="list-style-type: none"> 1) KAlarm.
Work with Palm	Palm Desktop	<ul style="list-style-type: none"> 1) Kpilot. 2) Jpilot.
Allows to carry on Palm .html files	iSilo	<ul style="list-style-type: none"> 1) iSilo. 2) Plucker.
Low-level optimization (chipset, pci-bus)	Powertweak	<ul style="list-style-type: none"> 1) Powertweak-Linux.
Bible	On-Line Bible, The SWORD	<ul style="list-style-type: none"> 1) BibleTime (KDE) 2) Gnomesword (Gnome)
Convenient mouse scrolling	Mouse Imp	???
Automatic change of desktop background	???	<ul style="list-style-type: none"> 1) Background Buddy.
Convenient switching of the keyboard language	???	<ul style="list-style-type: none"> 1) GSwitchIt.
Windows registry editor	RegEdit	Kregedit :).
4.1) Multimedia (audio / CD).		
Useful links:	-	Linux MIDI & Sound Applications - many links and resources. Sound Software - lots of it.

Music / mp3 / ogg players	<ol style="list-style-type: none"> 1) Winamp 2) Zinf 3) SnackAmp 4) Soritong 5) Apollo 6) K-jofol 2000 7) Sonique 8) C-4 9) Media Box Audio / Video Workstation 5 10) Blaze Media Pro 11) NEX 3 12) Real Jukebox 13) Windows Media Player 	<ol style="list-style-type: none"> 1) XMMS (X multimedia system). 2) Noatun. 3) Zinf. (former Freeamp) 4) Winamp. 5) Xamp. 6) GOMpeg. 7) SnackAmp. 8) Mplayer. (Frontend: Kplayer). 9) Xine. (Frontends: Sinek, Totem)
Console music / mp3 / ogg players	mpg123, dosamp, Mplayer	<ol style="list-style-type: none"> 1) Cplayer. 2) mpg123. 3) ogg123. 4) mpg321. 5) Orpheus. 6) Mp3blaster. 7) Madplay. 8) Console utils for xmms. 9) Mplayer.
Programs for CD burning with GUI	Nero, Roxio Easy CD Creator, ...	<ol style="list-style-type: none"> 1) K3b. (KDE) 2) XCDRoast. 3) KOnCd. 4) Eclipt Roaster. 5) Gnome Toaster. 6) CD Bake Oven. 7) KreateCD. 8) SimpleCDR-X. 9) GCombust. 10) WebCDWriter. (CD burn server, usable from any remote browser with Java support) 11) CDR Toaster. 12) Arson. 13) CD-Me (Creation of audio-CD).
CD player	CD player, Winamp, Windows Media Player, ...	<ol style="list-style-type: none"> 1) KsCD. 2) Gtcd (Gnome) + tcd (console). 3) Orpheus. (console) 4) Sadp.

		<ul style="list-style-type: none"> 5) WorkMan. 6) Xmcd. 7) Grip. 8) XPlayCD. 9) ccd / cccd. (console) 10) cdp. (console) 11) BeboCD.
Slowing the rotation of CD	Slowcd, Cdslow	<ul style="list-style-type: none"> 1) mount -o speed=<speed> 2) hdparm -E <speed> 3) eject -x <speed> 4) cdspeed.
CD ripping / grabbing	<ul style="list-style-type: none"> 1) Cdex 2) MusicMatch 3) Streambox Ripper 4) Audiocatalyst 5) WinDac 6) Audiograbber 7) Media Box Audio / Video Workstation 8) CD-Copy 9) Blaze Media Pro 10) Real Jukebox 11) Windows Media Player 12) Nero 13) VirtualDrive 14) VirtualCD 15) Audacity 	<ul style="list-style-type: none"> 1) Grip. 2) Audacity. 3) RipperX. 4) tkcOggRipper. 5) A Better CD Encoder. 6) cdda2wav. 7) Gnome Toaster. 8) Cdparanoia. 9) Cd2mp3. 10) Dagrab. 11) SimpleCDR-X. 12) RatRip. 13) AutoRip. 14) Sound Juicer.
Tracker music player	Winamp, Windows Media Player, ...	<ul style="list-style-type: none"> 1) xmms + MikMod-plugin. Comes with xmms. 2) xmms + xmp-plugin. Using xmp. 3) MikMod. (console) 4) xmp. Can play tracker music with Midi devices. 5) TiMidity++. Only mod files.
Midi player	Winamp, Windows Media Player, ...	<ul style="list-style-type: none"> 1) xmms + midi-plugin. (Using TiMidity) 2) xmms + awemidi-plugin. (Using drvmidi) 3) xmms + playmidi-plugin. (Using playmidi) 4) TiMidity++. Supports gus pathes and sf2 banks, backend to another software. 4) timidity-eawpatches. Gus-patches for

		<ul style="list-style-type: none"> TiMidity++. 5) Kmid. 6) drvmidi / awemidi. 7) pmidi (console, for ALSA). 8) playmidi. 9) atmidi.
Midi + karaoke player	VanBasco	<ul style="list-style-type: none"> 1) Kmid. 2) Gkaraoke. 3) TiMidity++.
Mp3 encoders	<ul style="list-style-type: none"> 1) Lame 2) Cdex 3) MusicMatch 4) Streambox Ripper 5) Audiocatalyst 6) Blaze Media Pro 7) Media Box Audio / Video Workstation 8) AudioSlimmer 9) Real Jukebox 	<ul style="list-style-type: none"> 1) Lame. 2) Bladeenc. 3) NotLame. 4) L3enc. [Prop] 5) gogo.
OGG encoders	oggenc	oggenc.
Work with Real protocol	<ul style="list-style-type: none"> 1) RealPlayer. [Prop] 2) Mplayer + libraries. 	<ul style="list-style-type: none"> 1) RealPlayer. [Prop] 2) Mplayer + libraries. 3) ReMedial.
Radio	VC Radio, FMRadio, Digband Radio	<ul style="list-style-type: none"> 1) xradio. 2) cRadio. 3) Xmradio. 4) RDJ. 5) RadioActive. 6) XMMS-FMRadio. 7) Gqradio. 8) Qtradio.
Audio editors	SoundForge, Cooledit, Audacity , ...	<ul style="list-style-type: none"> 1) Glame. 2) Rezound. 3) Sweep. 4) WaveForge. 5) Sox. 6) Audacity. 7) GNUSound. 8) Ecasound. 9) SoundStudio. 10) mhWaveEdit.

Multitrack audio processor	Cubase	1) Ecasound . 2) Ardour .
Sound tracker	Fasttracker, ImpulseTracker	1) Soundtracker . 2) Insotracker . 3) CheeseTracker .
Sound mixer	sndvol32	1) Opmixer . 2) aumix. 3) mix2000. 4) KMix. 5) Alsamixer . 6) GMix . 7) wmix (for WindowMaker) 8) Mixer_app (for WindowMaker) 9) Many applets for AfterStep / WindowMaker / FluxBox .
Software for music notation	Finale , Sibelius , SmartScore	1) LilyPond . 2) Notedit . 3) MuX2d .
Midi-sequencer	Cakewalk	1) RoseGarden . 2) Brahms . 3) Anthem . 4) Melys . 5) MuSE . 6) MidiMountain . (KDE) More information: Midi-Howto .
Music creation	Cakewalk, FruityLoops	1) RoseGarden . 2) Ardour .
Synthesizer	Virtual waves, Csound	1) Csound . 2) FluidSynth . 3) Arts Builder (???)
ID3-Tag Editors	Mp3tag	1) EasyTAG . 2) Cantus . 3) id3tool (console). 4) id3ed (console). 5) id3edit (console).
Guitar/Instrument Tuning software	1) In-Tune Multi-Instrument Tuner 2) Digital Guitar Tuner	???
Record streaming audio into .MP3 files	Twins Stream Ripper	Stream Ripper .

4.2) Multimedia (graphics).

Graphic files viewer	<ol style="list-style-type: none"> 1) ACDDSee 2) IrfanView 3) Xnview 4) CompuPic [Prop] 5) Windows Fax and Image viewer 5) Any web browser 	<ol style="list-style-type: none"> 1) Xnview. 2) GQview. 3) Qiv. 4) CompuPic [Prop] 5) Kuickshow. 6) Kview. 7) GTKSee. 8) xv. [Prop] 9) pornview. 10) imgv. 11) Gwenview. 12) Gliv. 13) Showimg. 14) Fbi. 15) Gthumb. 16) PixiePlus. 17) Electric Eyes (Gnome). 18) Eye of Gnome. 19) GImageView. 20) Hugues Image Viewer. 21) Any web browser.
Viewing the graphic files in console	QPEG	<ol style="list-style-type: none"> 1) zgv. 2) aalib.
Simple graphic editor	Paint	<ol style="list-style-type: none"> 1) Kpaint. 2) Tuxpaint. 3) Xpaint. 4) Gpaint. 5) Killustrator. 6) Graphtool.
Powerful graphic editor in PhotoShop style	<ol style="list-style-type: none"> 1) Adobe Photoshop [Prop] 2) Gimp 3) Paint Shop Pro [Prop] 4) Pixel32 [Prop] 5) Corel PhotoPaint [Prop] 6) Macromedia Fireworks 	<ol style="list-style-type: none"> 1) Gimp. 2) ImageMagick. 3) Pixel32. [Prop] 4) CinePaint. 5) RubyMagick. 6) Corel PhotoPaint 9. [Prop]
Programs for work with vector graphics	Adobe Illustrator, Corel Draw, Freehand, AutoSketch, OpenOffice Draw	<ol style="list-style-type: none"> 1) Sodipodi. 2) xfig. 3) Sketch. 4) Karbon14 and Kontour. 5) OpenOffice Draw.

		<ul style="list-style-type: none"> 6) Dia. 7) Tgif. 8) Gestalter. 9) ImPress. 10) Tkpaint. 11) Tgif. 12) Corel Draw 9. [Prop]
SVG editor	WebDraw [Prop]	<ul style="list-style-type: none"> 1) Sodipodi. 2) Dia. 3) Sketch.
SVG viewer	<ul style="list-style-type: none"> 1) Squiggle 2) X-Smiles 3) SVG support in Mozilla 	<ul style="list-style-type: none"> 1) Squiggle. 2) X-Smiles. 3) SVG support in Mozilla. 4) SVG support in Konqueror.
Program for text decoration	Wordart, OpenOffice Draw	OpenOffice Draw .
Program for ASCII-drawing	ANSI DRAW, Mazaika	<ul style="list-style-type: none"> 1) CanvASCII. 2) Jave. 3) ANSI Draw. 4) EDASCII.
Converting the graphic files in pseudographics	???	aalib.
Flash playing	Flash Player	<ul style="list-style-type: none"> 1) SWF Macromedia Flash Player. 2) Flash Player. [Prop] 3) Plugin for Netscape/Mozilla (download here or here).
Flash creation	Macromedia Flash	<ul style="list-style-type: none"> 1) DrawSWF. 2) Ming. (Creating flash swf output from programming languages)
3D-graphics	3D Studio MAX, Maya [Prop], Povray , ...	<ul style="list-style-type: none"> 1) Blender. 2) Maya. [Prop] 3) KPovModeler. 4) K3Studio. 5) Moonlight. 6) GIG3DGO. 7) Povray. 8) MegaPov. 9) K3D. 10) Wings 3D.

		11) Softimage XSI . [Prop] 12) Kludge3d .
The instrument for making the photographic quality scene based of ArchiCAD 3D-models	ArtLantis Render	???
Icon editor	Microangelo	1) Gnome-iconedit. 2) Kiconedit.
Small program for making screenshots	Integrated with system (PrintScreen), Snag it, ...	1) Ksnapshot. 2) Xwpick. 3) Xwd, xgrabsc. 4) Motv (xawtv) 5) Streamer (video) 6) Integrated with window manager (various hotkeys)
Drawing structure diagrams of the database	Access	1) Dia . 2) Toolkit for Conceptual Modelling .
Create printed calendars, greeting cards, etc., with clip art collection	Broderbund Print Shop	???
Download pictures from digital camera	Polaroid Drivers	1) Camera Tool (gtkam) 2) Gphoto2.
4.3) Multimedia (video and other)		
Video / mpeg4 players	1) BSplayer 2) Zoomplayer 3) Windows Media Player 4) VideoLAN 5) Winamp3 6) Mplayer 7) RealPlayer 8) Xing 9) Simplayer	1) Mplayer . (Frontend: Kplayer). (LiveCD distribution of Mplayer - MoviX). 2) Xine . (Frontends: Sinek , Totem) 3) VideoLAN . 4) Aviplay . 5) Winamp3. 6) Noatun . 7) KDE Media Player. 8) XMovie. 9) Kaboodle. 10) MpegTV . 11) Avifile . 12) Xmps . 13) Ogg Tarkin. (???) 14) Theora. (???)

Console video / mpeg4 players	QuickView	1) Mplayer. 2) QuickView.
DVD players	PowerDVD, WinDVD, MicroDVD, Windows Media Player, VideoLAN	1) Ogle. 2) Mplayer. 3) Xine. 4) Aviplay. 5) VideoLAN. 6) OMS.
DVD rippers / encoders	Gordian Knot, Mencoder (from Mplayer)	1) Drip. 2) Transcode. 3) Mencoder. (from Mplayer) 4) Ffmpeg. 5) DVD::Rip.
Simple video creation and editing	Windows Movie Maker	1) iMira Editing. [Prop] 2) MainActor. [Prop] 3) Broadcast 2000. 4) Avidemux.
Professional video production enviroment	Adobe Premiere, Media Studio Pro	1) iMira Editing. 2) Cinelerra. 3) MainActor. 4) Broadcast 2000. 5) Lives. 6) CinePaint. 7) Heroine Virtual.
Cutting video	Virtual Dub	1) Avidemux. 2) Kino.
Converting video	Virtual Dub, Mencoder (from Mplayer)	1) Transcode. 2) Mencoder. (from Mplayer) 3) Ffmpeg.
Work with TV-tuner / watch TV	AVerTV, PowerVCR 3.0, CinePlayer DVR, Mplayer , ...	1) Tvtime. 2) Kwintv. 3) Xawtv. 4) Zapping. 5) GnomeTV. 6) Mplayer. 7) Xawdecode.
Work with TV-tuner in console	-	1) Mplayer. 2) fbtv. 3) aatv.

Work with QuickTime format	QuickTime Player	<ol style="list-style-type: none"> 1) QuickTime. 2) Mplayer + Sorenson codec. 3) OpenQuicktime. 4) Xanim.
Creation of 2D and 3D effects	Adobe After Effects	<ol style="list-style-type: none"> 1) Shake. [Proprietary, \$129.95] 2) Plugins for Gimp.
Animation	Animation Shop, ...	<ol style="list-style-type: none"> 1) CinePaint. 2) Plugins for Gimp.
Landscape / terrain generation	Bryce	Terraform .
World construction	World Construction Set, Animatek World Builder	???
Framework for developing video applications	???	<ol style="list-style-type: none"> 1) Gstreamer. 2) Live.
5) Office/business.		
Office suite	MS Office, StarOffice / OpenOffice , 602Software	<ol style="list-style-type: none"> 1) OpenOffice. 2) StarOffice. [Prop] 3) Koffice. 4) HancomOffice. [Prop] 5) Gnome Office. 6) Applixware Office. [Prop] 7) Siag Office. 8) TeX, LaTeX, ...
Office suite	WordPerfect Office 2000	WordPerfect Office 2000 for Linux. (No longer available at Corel website. It was Windows version, running under Wine :).
Word processor	Word, StarOffice / OpenOffice Writer, 602Text, Abiword	<ol style="list-style-type: none"> 1) Abiword. 2) TextMaker [Prop] 3) WordPerfect. 4) Ted. 5) StarOffice / OpenOffice Writer. 6) Kword. 7) LyX. 8) Kile (KDE Integrated LaTeX Environment).

Spreadsheets	Excel, StarOffice / OpenOffice Calc, 602Tab	<ol style="list-style-type: none"> 1) Gnumeric. 2) Abacus. 3) StarOffice / OpenOffice Calc. 4) Kspread.
Graphing / charting data	Excel, MicroCall Origin, ...	<ol style="list-style-type: none"> 1) Kivio. 2) Dia. 3) KChart. 4) xfig. 5) Gnuplot. 6) GtkGraph. 7) GNU Plotutils. 8) Ploticus.
Creating presentations	MS PowerPoint, StarOffice Presentation, OpenOffice Impress	<ol style="list-style-type: none"> 1) StarOffice Presentation. 2) OpenOffice Impress. 3) Kpresenter. 4) MagicPoint. 5) Kuickshow & gimp :).
Local database	MS Access, InterBase6 , OpenOffice + MySQL .	<ol style="list-style-type: none"> 1) KNoda. 2) Gnome DB Manager. 3) OpenOffice + MySQL. 4) InterBase7. [Prop] 5) InterBase6. 6) Berkley DB. 7) Rekall. [Prop] 8) StarOffice Adabase.
Receiving the quotations, news, building graphs and analysing of the financial market.	Omega Research Trade Station 2000	<ol style="list-style-type: none"> 1) The Market Analysis System (MAS)
Software for e-commerce and web business	<ol style="list-style-type: none"> 1) Weblogic [Prop] 2) IBM WebSphere Application Server [Prop] 3) iPlanet 4) osCommerce 5) JOnAS 6) COCOON 	<ol style="list-style-type: none"> 1) Weblogic. [Prop] 2) JBoss. 3) IBM WebSphere Application Server. [Prop] 4) osCommerce. 5) JOnAS. 6) COCOON.
Personal finances manager	<ol style="list-style-type: none"> 1) MS Money 2) Quicken 3) Moneydance [Prop] 	<ol style="list-style-type: none"> 1) GNUcash. 2) GnoFin. 3) Kmymoney.

		4) Grisbi . 5) Moneydance . [Prop]
Project management	MS Project, Project Expert 7	1) Mr Project . 2) Outreach .
Financial accounting package (global)	???	1) Hansa Business Solutions . [Prop] 2) Quickbooks.
Financial accounting package (russian)	"1C: Accounting"	1) Hansa Business Solutions . [Prop] 2) IceB . 3) "Finances without problems" . 4) Ananas . 5) E/AS . 6) 1L: Project .
Financial accounting package (India & Asia)	???	Kalculate . [Prop]
Automation of the enterprise (russian)	"1C: Enterprise"	1) Keeper . [Prop] 2) Oblik . [Prop] 3) IceB . 4) Compiere .
ERP/CRM (english)	???	1) Compiere . 2) Dolibarr . 3) Tutos .
ERP/CRM (russian)	"BOSS-Corporation"	1) NauRP . 2) Compiere . 3) Dolibarr .
Corporate docflow system (russian).	1) "Boss-Referent" 2) Documentum 3) "Delo" 4) Lanit:LanDoc	1) NauDoc . 2) Documentum. 3) "Boss-Referent" (without the client part)
6) Games.		
Where to get	Anywhere you want :).	The Linux Game Tome (happypenguin.org) LinuxGames.com Kde Games Linux Game Publishing
The Linux Game List	-	http://www.icculus.org/lgfaq/gamelist.php
Games for Windows, that can be run under WineX	-	This is a search form , and this is a full list of games (very big).
-	Tetris	1) LTris . 2) XWelltris .

		3) Emacs + "Meta-X tetris". 4) Ksirtet .
-	Standard Windows games	1) Kdegames . 2) Gnome-games .
-	Mines	1) KMines . 2) Perlmines . 3) Dmines .
-	Civilization	FreeCiv .
-	Civilization: Call to Power	Civilization: Call to Power.
-	Sid Meyer Alpha Centauri	Sid Meyer Alpha Centauri.
-	Sim City 3000	Sim City 3000.
-	Command&Conquer	FreeCNC .
-	Warcraft 2, Starcraft (?)	FreeCraft .
-	(Win)Digger	1) Digger . 2) XDigger.
-	Arkanoid, Zball, ...	Lbreakout2 .
Quake 1, 2, 3	1) Quake 1, 2, 3 . 2) QuakeForge . 3) DarkPlaces .	1) Quake 1, 2, 3 . 2) QuakeForge . 3) DarkPlaces .
-	CounterStrike	CounterStrike under WineX .
-	Urban Terror	Urban Terror.
DOOM	1) jDoom / Doomsday . 2) Zdoom . 3) DOOM Legacy . 4) LxDoom . 5) PrBoom . 6) EDGE . 7) Vavoom . 8) Original Doom .	1) jDoom / Doomsday . 2) Zdoom . 3) DOOM Legacy . 4) LxDoom . 5) PrBoom . 6) EDGE . 7) Vavoom . 8) Original Linux Doom (X11/svgalib) .
Heretic	1) DOOM Legacy . 2) jHeretic / Doomsday . 3) Vavoom . 4) Original Heretic .	1) DOOM Legacy . 2) Vavoom . 3) Heretic, GL Heretic .
Hexen	1) jHexen / Doomsday . 2) Vavoom . 3) Original Hexen .	1) Hexen/SDL . 2) Vavoom .
-	Heretic 2	Heretic 2 .
-	Return to Castle Wolfenstein	Return to Castle Wolfenstein . [Prop]

-	Descent	Descent.
-	Never Winter Nights	Never Winter Nights.
-	Unreal Tournament / Unreal Tournament 2003	Unreal Tournament / Unreal Tournament 2003.
-	Soldier Of Fortune	Soldier Of Fortune.
-	Tribes 2	Tribes 2.
-	Blood 1	Qblood.
-	Worms	Nil.
-	Lines	1) GtkBalls. 2) gLines.
-	MS Flight Simulator	FlightGear.
-	Lemmings	Pingus.
Racing	Need For Speed	1) Tux Racer :). 2) KartlingRace.
Chess	ChessMaster, ...	1) Glchess. 2) Xboard. 3) Eboard.

7) Programming and development.

IDE	<ul style="list-style-type: none"> 1) Microsoft VisualStudio .net 2) Emacs, XEmacs 3) Vim + ctags + scripts from vim.sf.net 4) Boa Constructor 5) PythonCard 	<ul style="list-style-type: none"> 1) CodeForge. 2) Kdevelop + Qt3 Designer. 3) Eclipse. 4) Glade + Motor or + Xwpe or + any text editor. 5) Emacs, XEmacs. 6) Vim + ctags + scripts from vim.sf.net. 7) Boa Constructor. 8) PythonCard.
Visual C++ IDE	Borland C++ Builder, MS Visual C	<ul style="list-style-type: none"> 1) Anjuta + Glade + Devhelp. 2) KDE Studio Gold. [Prop] 3) Dev-C++. 4) Kylux. [Prop] (Kylux Personal Edition is free). 5) vtkBuilder. 6) foxBuilder. 7) wxDesigner. 8) Arriba. [Prop] 9) Code Crusader. [Prop] 10) CodeWarrior. [Prop]

		<ul style="list-style-type: none"> 11) Gbuilder. 12) Source Navigator. 13) TimeStorm. [Prop] 14) Understand for C++. [Prop] 15) SlickEdit. [Prop] 16) Vide.
C++ IDE	Borland Turbo C++ 3.0 for DOS, , Minimalist GNU For Windows (mingw32-gcc.exe)	<ul style="list-style-type: none"> 1) GCC (+ Motor or + Xwpe). 2) LinEdit. 3) Rhide. 4) Wxstudio. 5) Eclipse.
Object Pascal IDE	Delphi	<ul style="list-style-type: none"> 1) Kylix. [Prop] (Kylix Personal Edition is free). 2) Lazarus + FPC.
Pascal	Pascal, BP	<ul style="list-style-type: none"> 1) Freepascal. 2) GNU Pascal (gpc). 3) RShell (in style of Borland Pascal 7.0)
Basic	Basic	<ul style="list-style-type: none"> 1) Hbasic. 2) X-basic. 3) Yabasic. 4) SmallBASIC.
Prolog	VisualProlog, Mercury , SICStus Prolog [Prop]	<ul style="list-style-type: none"> 1) GNU Prolog. 2) Mercury. 3) SWI-Prolog. 4) SICStus Prolog. [Prop] 5) CIAO Prolog.
Assembler	TASM, MASM, NASM	<ul style="list-style-type: none"> 1) NASM. (Intel syntax) 2) FLAT Assembler. 3) gas. (AT&T syntax, part of binutils).
Disassembler, Reverse engineering	SoftIce	The source code is open :) <ul style="list-style-type: none"> 1) ldasm.
Debugger	<ul style="list-style-type: none"> 1) WinDbg 2) Minimalist GNU For Windows (gdb.exe) 	<ul style="list-style-type: none"> gdb. Frontends: 1) ddd. 2) xxgdb, mxgdb. 3) CGDB. 4) Vim scripts. 5) [X]Emacs C-mode. 6) KMD. 7) NANA. (Library)
WYSIWYG html editor	1) Macromedia Dreamweaver	1) Netscape / Mozilla Composer.

	<ul style="list-style-type: none"> 2) MS Frontpage 3) Netscape / Mozilla Composer 4) Openoffice HTML editor 	<ul style="list-style-type: none"> 2) Openoffice HTML editor. 3) Amaya. 4) GINF (Ginf is not Frontpage) 5) IBM WebSphere Homepage Builder. [Prop] 6) JXHTML EDIT (Java).
Powerful editor for site creating, contains set of samples and can be complemented with every sort and kind of plug-ins	Dreamweaver Ultradev	???
HTML / DHTML editor	HomeSite, Coffeecup	<ul style="list-style-type: none"> 1) Quanta Plus. 2) Bluefish. 3) WebMaker. 4) Screem. 5) Toppage. 6) WebDesigner. 7) ScriptEditor. 8) August. 9) Coffeecup / Linux. 10) FCKeditor.
HTML / DHTML editor	Arachnofilia	Arachnofilia. [Prop]
XML Editor	XML Spy [Prop]	<ul style="list-style-type: none"> 1) XMLMind XML Editor. 2) Vim. 3) Emacs.
Perl/Python/Tcl IDE	???	<ul style="list-style-type: none"> 1) Komodo. [Prop] 2) Perl Dev Kit.
Java IDE	JBuilder, IDEA	<p>Link: Java Tools for Linux.</p> <ul style="list-style-type: none"> 1) Jbuilder. 2) NetBeans. 3) Eclipse. 4) Sun ONE Studio. [formerly Forte] 5) Vide.
J2EE based application server	???	<ul style="list-style-type: none"> 1) JBoss.
IDE for Oracle Database development	T.O.A.D., SQL Navigator, PL/SQL Developer	Tora.
CASE-facility for UML	ArgoUML , Together ControlCenter [Prop]	<ul style="list-style-type: none"> 1) Umbrello UML Modeller. 2) Dia+Dia2Code. 3) PocidonCE (community edition). 4) ArgoUML. 5) Together ControlCenter [Prop]

Top-level CASE system	Rational Rose.	Rational Rose. [Prop]
HEX-editor	Hiew	<ol style="list-style-type: none"> 1) Biew. 2) KHexEdit. 3) hexedit (console). 4) GHex.
Clipper compiler and preprocessor	CA-Clipper, The Harbour Project	<ol style="list-style-type: none"> 1) Clip. 2) The Harbour Project. 3) xHarbour.
Platform in dot-net style	M\$.Net	<ol style="list-style-type: none"> 1) Mono. 2) DotGNU/Portable.NET
Work with CVS	WinCVS, TortoiseCVS, cvs for Windows, BitKeeper [Prop]	<ol style="list-style-type: none"> 1) cvs (console). 2) Cervisia (KDE). 3) Linevs. (Front-end for CVS) 4) BitKeeper. [Prop] 5) SubVersion. (enhanced CVS-like platform + WebDAV -> SCM)
IDE for Interbase/Firebird development	IBExpert	<ol style="list-style-type: none"> 1) IBAccess 2) IBAdmin [prop] 3) IBWebAdmin (apache / php)
Visual Basic	Visual Basic	<ol style="list-style-type: none"> 1) Phoenix. 2) KBasic. 3) HBasic. 4) Mono.
Graphical libraries	<ol style="list-style-type: none"> 1) WinAPI, MFC, VCL (C, C++) 2) Tk (Tcl, C) 3) Tkinter (over Tk for Python, Perl, etc) 4) wxWindows (C++) (over winapi) 5) wxPython (Python) (over wxWindows) 6) GTK+ (link #2) (C, C++) 7) Qt (C++) 8) FLTK (C++) 9) AWT, Swing (Java) 10) Xaw - part of X-server (C) 	<p>If toolkit is oriented on C, usually it's possible to use it from the other languages. There is object bindings for some of them to use them with C++ and other OO-languages. Toolkits, oriented on C++ from the beginning, are impossible to use from C, and quite often - from the other languages.</p> <ol style="list-style-type: none"> 1) X11/Xext (C) - low level libraries, used by others. 2) Xt - X Toolkit (C) - reference X11 toolkit 3) Xaw - MIT Athena (C) - reference X11 toolkit 4) Xaw3d - MIT Athena 3D (C) - Athena with 3D-view 5) LessTif - opensource analog of Motif

		<ul style="list-style-type: none"> 1 (C) 6) OpenMotif (C) 7) Tk (Tcl, C) 8) Tkinter (over Tk for Python, Perl, etc) 9) wxWindows (C++) (over GTK+ - wxGtk or Motif - wxMotif) 10) wxPython (Python) (over wxWindows) 11) Qt (C++) 12) GTK+ (C, C++) 13) PyQt (over Qt for Python) 14) PyGTK (over GTK+ for Python) 15) Gtk::Perl (over GTK+ for Perl) 16) Qt for Perl (over Qt for Perl) 17) GtkAda (over GTK+ for Ada95) 18) FLTK (C++) 19) XView (C) 20) FOX (C++) 21) AWT, Swing (Java) 22) WinAPI and MFC through wine (C)
Source code documentation system	???	<ul style="list-style-type: none"> 1) Doxygen. 2) CWEB.
Memory leak tracing	<ul style="list-style-type: none"> 1) Numega Bounds Checker 2) Rational Purify 	<ul style="list-style-type: none"> 1) MallocDebug. 2) Valgrind. 3) Kcachegrind. 4) ElectricFence. 5) dmalloc. 6) cmmalloc. 7) LeakTracer. 8) memprof. 9) BoundsChecker. [prop] 10) mprof. 11) Insure. [prop] 12) dbx. (for Sparc) 13) YAMD. 14) Njamd. 15) Mpatrol.
Application development profiling (tests code performance)	???	<ul style="list-style-type: none"> 1) gProf. 2) JUnit. (Java)
Software projecting	1) Rational Rose	???

	2) Enterprise Architec 3) Visio	
Game programming	1) DirectX 2) libSDL 3) ClanLib	1) libSDL 2) ClanLib
Everything needed for work with XML Schemas, DTD, XSL/XSLT, SOAP, WSDL (edit, debug, check, etc)	1) Altova XMLSpy Suite	???
Source code -> HTML-document with highlighted syntax	???	1) Webcpp.
Bug Tracking System	???	1) Bugzilla.
Object Request Broker (ORB)	1) ORBIT	1) ORBIT.
Portability	???	1) Autoconf, Automake & Libtool.
Source code indexer and cross-referencer	???	1) GNU GLOBAL. 2) LXR.
Dynamic tracer of system calls	???	1) Syscalltrack.
XML C parser	1) libxml (???)	1) Libxml2.
FoxPro	Visual FoxPro	qwerty
8) Server software.		
Web-server	1) Apache 2) IIS 3) Roxen 4) wn 5) cern-httpd 6) dhttpd 7) caudium 8) aolserver 9) Boa	1) Apache. 2) Xitami. 3) Thhttp. 4) TUX (Red Hat Content Accelerator). 5) PublicFile. 6) Boa. 7) Caudium. 8) Roxen. 9) Zeus. [Prop] 10) Thy.
FTP-server	Internet Information Server, ServU , War FTP, BulletProof FTP server, FileZilla server , ...	1) pure-ftpd. 2) vsftpd. 3) wu-ftpd. 4) proftpd. 5) gl-ftpd. 6) ftp. 7) PublicFile.

		8) Teepeedee .
Language for Web-development	PHP	PHP .
Language for Web-development	Perl	Perl .
Language for Web-development	ASP	ASP module for Apache.
Database engine	MS SQL, MySQL	1) Sybase Adaptive Server Enterprise . [Prop] 2) PostgreSQL . The most advanced open source database. 3) MySQL . The most popular open source database. 4) mSQL. 5) SAP DB .
Database engine	IBM DB2	IBM DB2 . [Prop]
Database engine	Oracle	1) Oracle . [Prop] 2) PostgreSQL . 3) Linter . (cyrillic)
Database engine	Informix [Prop]	Informix. [Prop]
Database engine	Borland Interbase, FireBird	FireBird .
Email server	MDaemon , Hamster	1) Sendmail . 2) Qmail . 3) Postfix . 4) Exim .
Email / PIM / Groupware server	Microsoft Exchange server	1) CommuniGate Pro . [Prop] 2) Bynari's Insight GroupWare Suite . [Prop] 3) Samsung Contact . [Prop] 4) Teamware Office . [Prop] 5) Novell Netmail . [Prop] 6) Amphora . (Zope / Qmail). 7) Tutos . (Apache / PHP / Mysql / Sendmail). 8) Kroupware . The project from the KDE PIM developers, which is being financed by the government of Germany. 9) SuSe Linux Openexchange Server . [Prop] 10) PHPGroupware .

		<ul style="list-style-type: none"> 11) SCOoffice Mail Server. [Prop] (SCO - m.d. :). 12) LinuXchangE. 13) OpenOffice.org Groupware Project. (New!) 14) Tiki CMS/Groupware. (Apache / PHP / Mysql).
Mail filter / spam killer	cygwin+Exim port	<ul style="list-style-type: none"> 1) SpamAssassin. 2) Procmail. 3) Mailfilter. 4) ярус-imap. 5) Exim. 6) POPFile.
Mail downloader	MDaemon	Fetchmail .
???	Lotus Domino	Lotus Domino . [Prop]
Server / router on one diskette.	Impossible	<p>As much as you want :).</p> <ul style="list-style-type: none"> 1) muLinux. 2) Dachstein (firewall / dhcp). 3) Serverdisk (http / ftp). 4) Fli4l.
Proxy server	MS Proxy Server, WinGate	<ul style="list-style-type: none"> 1) Squid. 2) Paco. 3) Privoxy. 4) Wwwoffle. 5) OOPS.
Server for supporting Java Servlets and JSP, can work with Apache	Tomcat	Tomcat .
Advanced server statistics	1) AWStats	<ul style="list-style-type: none"> 1) AWStats. (All web-, ftp-, proxy-, mail-, wap- and streaming-servers). 2) ANALOG. (Web-server).
Cluster of servers	???	1) LVS - The Linux Virtual Server .
Cluster filesystems	<ul style="list-style-type: none"> 1) GFS 2) ADIC 	<ul style="list-style-type: none"> 1) GFS. 2) OpenGFS. 3) Lustre. (not SAN compatible?) 4) Matrix Server. [Prop] 5) CXFS. 6) GPFS. 7) Oracle Cluster File System (OCFS). 8) Coda. 9) Intermezzo. 10) Convolo cluster.

		11) ADIC .
Web Mail	???	1) IMP . 2) CAMAS . (for Caudium web-server).
9) Scientific and special programs.		
Useful links:	-	Scientific Applications on Linux - many links to both OSS and proprietary applications.
Math system in MathCad style	Mathcad	Gap.
Math system in Matlab style	Matlab	1) Matlab . [FTP] 2) Octave . (+ Gnuplot) 3) Scilab . 4) R. 5) Yorick . 6) rlab. 7) Yacas . 8) Euler .
Math system in Mathematica style	Mathematica	1) Mathematica . [Prop] 2) Maxima. 3) MuPad. 4) NumExp. 5) Mathomatic .
Math system in Maple style	Maple	1) Maple . [Prop] 2) Maxima . 3) MuPad .
Equation / math editor	Mathtype, MS Equation Editor, OpenOffice Math	1) OpenOffice Math . 2) MathMLed . 3) Kformula (Koffice) . 4) LyX . 5) Texmacs .
Programs for three-dimensional modeling	SolidWorks, ...	ProEngineer Linux . [Prop]
Programs for three-dimensional modeling	CATIA	CATIA. It was designed under Unix, and from version 4 (2000) it was ported under Windows (not too successfully).
Programs for three-dimensional modeling	SolidEdge	SolidEdge (part of more powerful package Unigraphics).
Engineering	ANSYS	ANSYS.
CAD/CAM/CAE	AutoCAD, Microstation, ArchiCAD	1) Varkon . 2) Linuxcad . [Prop, ~100\$] 3) Varicad . [Prop]

		<ul style="list-style-type: none"> 4) Cycas. [Prop] 5) Tomcad. 6) Thancad. 7) Fandango (alpha-version). 8) Lignumcad. 9) Giram. 10) Jcad. 11) QSCad. 12) FreeEngineer. 13) Ocadis. 14) PythonCAD. 15) OpenCascade.
CAD/CAM/CAE, simplified	AutoCAD Lite	Qcad .
Desktop Publishing Systems	Adobe PageMaker, QuarkXPress	Adobe Framemaker . [Proprietary, cancelled]
Small desktop publishing systems	MS Publisher	<ul style="list-style-type: none"> 1) Scribus - Desktop Publishing for Linux. 2) KWord.
Diagram and chart designer	Microsoft Visio	<ul style="list-style-type: none"> 1) Kivio (Koffice). 2) Dia. 3) KChart. 4) xfig. 5) Tgif + dotty. 6) Tulip. 7) Poseidon for UML. [Prop & free versions] 8) JGraph + JGraphPad. (Java)
Geographic image processing software	Erdas Imagine, ER Mapper , ENVI	ENVI.
GIS (Geographical information system)	ArcView	<p>All projects: FreeGIS Project.</p> <ul style="list-style-type: none"> 1) Grass. 2) Quantum GIS. 3) PostGIS. 4) FreeGIS. 5) MapQuest. 6) MapBlast.
Interactive Geographic Data Viewer	1) Thuban .	1) Thuban .
Vectorization of bitmaps	MapEdit, Easy Trace	1) Autotrace .
Software CNC, controlling machine tools	OpenCNC [Prop]	EMC .

Advanced text processing system in TeX style	MikTeX, emTeX (DOS)	<ol style="list-style-type: none"> 1) TeX. 2) TeTeX / LaTeX 3) LyX (WYSIWYM). 4) Kile.
Convenient, functional and user-friendly TeX-files / dvi-files editor.	WinEdt	<ol style="list-style-type: none"> 1) Kile (KDE Integrated LaTeX Environment). 2) Ktexmaker2. 3) Tk LaTeX Editor.
Statistical Computing Language and Environment	S-PLUS	R .
Statistical analysis	SPSS, Statistica, SalStat	<p>Many links - here.</p> <ol style="list-style-type: none"> 1) PSPP. 2) OpenStat2. 3) "Probability and Statistics Utilities for Linux users" 4) SalStat.
Econometrics Software	Eviews, Gretl	1) Gretl .
Emulation of the circuit	<ol style="list-style-type: none"> 1) Electronic Workbench 2) Altera MaxPlus+ 	<ol style="list-style-type: none"> 1) Geda. 2) Oregano. 3) Xcircuit. 4) Gnome Assisted Electronics. 5) SPICE. 6) SPICE OPUS. 7) NG-SPICE.
Program to draw chemical structures	Chemdraw , Isisdraw	Xdrawchem .
Downloader and player for Olympus dictophone	Olympus DSS Player	???
Market analysis	MetaStock	???
Electronics scheme design	<ol style="list-style-type: none"> 1) PCAD 2) OrCad 3) Visio 	<ol style="list-style-type: none"> 1) Eagle. 2) Geda.
The oscilloscope emulation	Winoscillo	Xoscope .
Measurement of the temperature and voltages on motherboard	MBMonitor, PCAlert, Speedfan	<ol style="list-style-type: none"> 1) KSensors. 2) KHealthCare (KDE). 3) Gkrellm + plugins + blackbox addons.
S.M.A.R.T-attributes and temperature of the hard disk	Come on CD with mainboard, Active SMART	<ol style="list-style-type: none"> 1) smartctl. 2) Hddtemp-0.3.

		<ul style="list-style-type: none"> 3) IDEload-0.2. 4) Smartsuite-2.1. 5) Smartmontools. 6) Ide-smart. 7) Smartsuite.
Memory testing	SiSoft SANDRA	Memtest86.
Program for watching temperatures, fanspeeds, etc	SiSoft SANDRA, SiSoft SAMANTHA	<ul style="list-style-type: none"> 1) Ksensors. 2) Lm_sensors. 3) xsensors. 4) wmsensormon and other applets for AfterStep / WindowMaker / FluxBox.
HDD testing / benchmarking	SiSoft SANDRA, SiSoft SAMANTHA, IOzone	<ul style="list-style-type: none"> 1) hdparm. 2) Bonnie++. 3) IOzone. 4) Dbench. 5) Bonnie. 6) IO Bench. 7) Nhfsstone. 8) SPEC SFS. [Prop]
Video testing / benchmarking	Final Reality	<ul style="list-style-type: none"> 1) X11perf. 2) Viewperf.
Realtime Control	SHA Sybera Hardware Access	DIAPM RTAI - Realtime Application Interface.
Simulator of nets	???	1) NS.
Neural network simulation	???	<ul style="list-style-type: none"> 1) Xnbc. 2) Stuttgart Neural Network Simulator (SNNS).
"Sensor for LCD"	???	1) Sensors-lcd.
Electrocardiogrammas viewer	???	1) ecg2png.
A software technology, that turns x86 computer into a full-function PLC-like process controller	SoftPLC	1) MatPLC.
Catalog of the software for translators	-	Linux for translators.
Translation memory	<ul style="list-style-type: none"> 1) Trados Translators Workbench 2) Deja Vu 3) Star Transit 4) SDLX 	1) OmegaT.

5) [OmegaT](#)

Catalog of educational software

-

1) [SchoolForge](#).
2) [Seul / EDU](#).

Designing and viewing DTDs

NearFar Designer [Prop]

???

Finity Element Analysis

-

1) [FELT \(Finity Element Analysis\)](#)

10) Emulators.

Virtual machine emulator

1) [VMWare](#) [Prop]
2) Connectix Virtual PC [Prop]

1) [VMWare](#). [Prop]
2) [Win4Lin](#). [Prop, \$89].
3) [Bochs](#).
4) [Plex86](#).
5) [User Mode Linux](#).

Linux emulator

1) [CygWin](#).
2) MKS Toolkit.
3) Bash for Windows.
3) [Minimalist GNU For Windows](#).

1) [User Mode Linux](#).

[X Window System](#) (XFree) emulator

[XFree under CygWin](#).

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Windows emulator

-

1) [Wine](#). (GUI: [gwine](#), [tkwine](#))
2) [Transgaming WineX](#). (GUI: [tqgui](#)) [NF]
3) [Crossover Office](#).

DOS emulator

-

1) [DOSBox](#).
2) Dosemu.

Sony PlayStation emulator

ePSXe, ...

1) [ePSXe](#).
2) [Pcsx](#).

ZX Spectrum emulator

X128, Speccyal, SpecX, SpecEmu, UnrealSpeccy, ...

1) [Xzx](#).
2) [Glukalka](#).
3) [Fuse](#).
4) [ZXSP-X](#).
5) [FBZX](#).
6) [SpectEmu](#).

Arcade machines emulator

???

1) [MAME](#).

		2) Xname / Xmess . 3) Advancemame . Frontends: advancemenu . ckmame . flynn . gname . gnomame . grog . grustibus . gxname . it . it's quit . fancy . kmamerun . kmamu . qmamecat . startxmame . setcleaner . tkmame .
ST emulator	1) Steem .	1) StonX . 2) Steem .
C64 emulator	???	1) Vice . 2) Frodo .
Amiga emulator	???	1) UAE . 2) WinUAE .
Mac 68k emulator	???	1) Basilisk II .
Game boy emulator	1) Visual Boy Advance	1) Visual Boy Advance . 2) VGBA . (GUI: vgb-gui)
Atari 2600 Video Computer System emulator	1) Stella	1) Stella . 2) Saint .
NES / SNES emulator	1) Zsnes . 2) Snes9x .	1) Zsnes . 2) Snes9x . 3) FWNes . 4) GTuxNes .
M680x0 Arcade emulator	1) Rainemu .	1) Rainemu .
Multi / other emulators	???	1) M.E.S.S . 2) Zinc .
11) Other / Humour :) 		
Space simulator	1) Openuniverse . 2) Celestia . 3) Zetadeck .	1) Openuniverse . 2) Celestia . 3) Kstars . 4) Zetadeck .
TV driver	-	RivaTV .
System, running from CD without installing (Live CD)	1) Windows PE . 2) PE Builder .	1) Knoppix . 2) Cool Linux . 3) Blin . 4) DemoLinux . 5) DyneBolic . 6) Gentoo (live CD) . 7) Lonix . 8) Virtual Linux .

		<ul style="list-style-type: none"> 9) Bootable Business Card (LNX-BBC). 10) ByzantineOS. 11) FreeLoader Linux. 12) MoviX. 13) Freeduc CD. 14) SuSE live-eval CD. 15) Freedom Linux. 16) Eagle Linux. 17) Kurumin (Brazilian Portuguese only)
Boot rescue/tools diskette	Windows system diskette	<ul style="list-style-type: none"> 1) Linux system diskette. 2) Tomsrtbt. 3) BanShee Linux. 4) RIP.
Creation of LiveCD for system recovery	???	<ul style="list-style-type: none"> 1) Make CD-ROM Recovery.
File systems	FAT16, FAT32, NTFS, FS for Longhorn	Ext2, Ext3, ReiserFS, XFS, ...
Local file systems mount	ext2fs (driver), explore2fs (program) - ext2/3 under Windows	Linux-NTFS. (driver for NTFS partitions mounting)
Installing software and uninstalling	InstallShield, WISE, GhostInstaller, Microsoft Installer - the analog of rpm	<ul style="list-style-type: none"> 1) Rpm. 2) Urpmi. 3) GnoRpm. 4) Nautilus RPM. 5) Apt-get & frontends (synaptic, aptitude, ...). 6) Apt-rpm. (for RedHat, SuSE, ALT Linux, etc) 7) yum (Yellowdog Updater Modified) 8) yum enhanced by ASPLinux. 9) Gentoo Portage
Installing software from source and uninstalling	Minimalist GNU For Windows	<ul style="list-style-type: none"> 1) make install, make uninstall 2) CheckInstall. 3) Sinstall. 4) Emerge (Gentoo). 5) Apt-get & frontends (synaptic, aptitude, ...).
System update	Windows Update	<ul style="list-style-type: none"> 1) Ximian Red Carpet. 2) Red Hat Network.

		<ul style="list-style-type: none"> 3) MandrakeOnline. 4) SuSE YaST Online Update. 5) Caldera Volution Online. 6) Apt. 7) Gentoo ebuilds (portage). 8) Debian GNU/Linux package search. 9) Yum.
Certification	MCSD, MCT, MCSE	<ul style="list-style-type: none"> 1) Red Hat Certification. 2) Sair Linux and GNU Certification. 3) Linux Professional Institute Certification (LPIC). 4) Linux+. 5) Prometric. 6) VUE.
Icons on desktop	Explorer	<ul style="list-style-type: none"> 1) Desktop File Manager. 2) Idesk.
Work with screensavers	Desktop properties	<ul style="list-style-type: none"> 1) xset. 2) xlockmore. 3) xscreensaver. 4) kscreensaver.
Place for keeping "removed" files	Trash	<ul style="list-style-type: none"> 1) Trash Can. 2) Libtrash.
Checking the hard disk	Scandisk	fsck -check or reiserfsck -check. Not needed with journaled file systems (reiserfs, ext3, jfs, xfs).
Defragmentation	defrag	Not needed.
GUI of the system	Windows Explorer	Kde, Gnome, IceWM, Windowmaker, Blackbox, Fluxbox, ...
Windows XP GUI	Windows XP	XPde .
Multiple workspaces	-	Yes!!! :).
Fast users / desktop switching	Windows XP feature for non-networked computers	<ul style="list-style-type: none"> 1) Ctrl+Alt+F1, login as new user at command-line interface, start GUI by entering command startx - - :1. Switch between screens using Ctrl+Alt+F7 or F8 depending on user. 2) Command "gdmflexiserver -n". 3) Built-in in KDE 3.1.
Flavors of the system	9x, NT, XP	RedHat, Mandrake, Knoppix, Debian, SuSE, ALT, ASP, Gentoo, Slackware, Linux From Scratch, ...
Tactics	FUD (fear, uncertainty,	Open Source!

	doubt)	"First they ignore you, then they laugh at you, then they fight you, then you win".
Source code of the kernel freely available	No	Of course :)
Command line and scripting	<ul style="list-style-type: none"> 1) command.com :). 2) cmd.exe 3) Windows Scripting Host 4) 4DOS / 4NT 5) Minimalist GNU For Windows 6) Unix tools for Windows (AT&T) 7) KiXtart 8) ScriptLogic [Prop] 	<ul style="list-style-type: none"> 1) Bash. 2) Csh. 3) Zsh. 4) Ash. 5) Tcsh.
Free of charge operating system	Microsoft Windows. (Imagine yourself that in Russia there are 95% of users having a pirate copy of Windows :).	Linux - the Free operating system!!
-	Nimda	Slapper .
-	Wincih, klez, etc	No analogs
Backdoors and hidden keys	Decide it yourself :).	-
Easter eggs , undocumented possibilities	Logo with Windows developers, Doom in Excel 95, 3D-racing in Excel 2000, etc, etc...	-
The magazines	Windows Magazine	<ul style="list-style-type: none"> 1) Linux Journal. 2) Linux Gazette. 3) Linux magazine. 4) Linux pratico (Italy). 5) Australian Linux.
-	Blue Screen Of Death (BSOD)	<ul style="list-style-type: none"> 1) Kernel panic. 2) Screensaver "bsod" :).
Whom it is necessary to curse for bugs and defects of the system	M\$, Bill Gates personally	<ul style="list-style-type: none"> 1) Developers of the distribution. 2) All the Linux people and Linus Torvalds personally :). 3) Yourself and your own /dev/hands :)).
-	M\$.com	GNU.org , FSF.org
-	Windows.com	Linux.org
-	Bill Gates, "Road ahead"	Linus Torvalds, "Just for fun" :).

-
Bill Gates, "Business @ the speed of thought"

Richard M. Stallman, "The right to read".

The book: "[Free Software, Free Society: Selected Essays of Richard M. Stallman](#)"

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Credits:

[Fiodor Sorex](#) - The coordination and support of the project since Jan-2005, updating the table, html, coding, webmaster, design.

[Valery V. Kachurov](#) - The coordination and support of the project till Jul-2003, updating the table, html.

[Nesov Artem](#) - The idea of the table and the first version + some corrections and additions.

[Timofey Korolev](#) - Hosting.

Visitors of this page - A huge amount of letters with additions, corrections and just good wishes :). Thanks to everyone who contributed to this project!!! (Full list with rating - under construction).
