

Linux software equivalent to Windows software

From LQWiki

When migrating to Linux from Windows, a common question is "Where can I get an application for Linux that is similar to XYZ program on Windows?" Fear not! Listed below are programs that could be considered roughly equivalent to certain popular Windows applications. Note that the Linux programs might not have all the features which can be found in Windows proprietary software, but unless you are an expert in some Windows program this should not be a major obstacle.

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Office and Productivity

Windows apps	Linux apps	Description
Microsoft Office, OpenOffice.org	Kingsoft(WPS-Community), OpenOffice, KOffice, Siag Office, Libre Office	Office package
Word	OOWriter, KWord (http://userbase.kde.org/KWord), LaTeX	Word Processing
Notepad, Wordpad, TheGun, EditPlus, SciTE	KWrite, Kate, BlueFish (http://bluefish.openoffice.nl/), Gedit, Joe, Sublime Text,	Text Editors
Access, dBase, Foxpro, Paradox	Kexi (http://userbase.kde.org/Kexi), OOBase (http://en.wikipedia.org/wiki/OpenOffice.org_Base)	Database
Excel, Lotus123, QuattroPro	OOCalc, KSpread (http://userbase.kde.org/Kspread)	Spreadsheet
Visio	Kivio (http://www.koffice.org/kivio/), yed (http://www.yworks.com/en/products_yed_about.html)	Diagramming
PowerPoint	OOImpress	Presentation software
Microsoft Project Manager	Imendio Planner, Kplato, MOOS Project Viewer, MrProject	Project management
Outlook, Thunderbird + Lightning, Sunbird	Kontact, Balsa (http://balsa.gnome.org/), Thunderbird + Lightning (http://www.mozilla.org/projects/calendar/lightning/), Sunbird (http://www.mozilla.org/projects/calendar/sunbird/)	Personal information managers
Alcohol 120%, Discjuggler, Easy CD Creator, Nero Burning ROM	K3b, XCDRoast, <i>more</i>	CD burning
Quicken, Microsoft Money, TurboTax	Gnucash (http://gnucash.org/), KMyMoney (http://kmymoney2.sourceforge.net/index-home.html), CrossOver Office with Quicken, lazy8ledger (http://www.lazy8.nu/)	Accounting
ActiveSync	SynCE	Synchronization with Windows Mobile devices
WinEdt, TeXnicCenter	Kile, Texmaker (http://en.wikipedia.org/wiki/Texmaker), LyX	LaTeX IDEs
Veritas Backup Exec, Cobian Backup (http://www.educ.umu.se/~cobian/cobianbackup.htm)	UniSon, Veritas Netbackup (http://en.wikipedia.org/wiki/Veritas_Netbackup), <i>more</i>	Backup

Google Desktop	Beagle, Recoll, Google Desktop (http://desktop.google.com/linux)	Desktop Search
Norton Ghost	Partition Image, g4u, Mondo (http://www.mondorescue.org/), dd	Disk imaging
Norton Partition Magic	QTparted, GParted	Disk partitioning
Disk Size Explorer (http://www.codeproject.com/vb/net/Disk_Size_Explorer.asp)	File Light (http://www.methylblue.com/filelight/), Konqueror	Disk usage analyzers
Filemon (http://www.sysinternals.com/Utilities/Filemon.html), Regmon (http://www.sysinternals.com/Utilities/Regmon.html)	syscalltrack (http://syscalltrack.sourceforge.net/)	system call tracking (file monitor & others)
WinMerge, SyncToy	Meld (http://meld.sourceforge.net/), Unison, Synkron (http://synkron.sourceforge.net/), rSync	File synchronization
Windows Update, Add/Remove programs	apt-get, Aptitude (http://aptitude.sourceforge.net/), portage (http://en.gentoo-wiki.com/wiki/Portage), rpm, urpmi, yast, yum, Synaptic (http://en.wikipedia.org/wiki/Synaptic_Package_Manager)	Every Linux distribution has an infrastructure to manage installed software which is quite different from Windows. For instance, all updates are handled by a single program. See package management.
WinRunner	xautomation (http://hoopajoo.net/projects/xautomation.html)	automating interactive applications
7-Zip, Winzip, Winrar	Karchiver, File Roller, ark, hjsplit; <i>command line tools</i>	Archivers
chkdsk	fsck	check your file system (and the hard disk beneath it) for errors
Daemon Tools	mount, GMount-ISO (http://tuxenclave.wordpress.com/2007/12/01/gmount-iso-virtual-drive-for-linux/)	ISO mounting
Disclib	gWhere (http://www.gwhere.org/home.php3)	Disk cataloging programs

Desktop Publishing

Windows apps	Linux apps	Description
Dreamweaver, NVU, KompoZer	OOWeb, more	Web Design
Quark, Quark Express, Microsoft Publisher	Scribus (http://en.wikipedia.org/wiki/Scribus)	DTP software
Adobe Acrobat PDF Reader	Adobe Acrobat Reader, Xpdf, Kpdf, Ghostview, Evince (http://en.wikipedia.org/wiki/Evince); <i>more</i>	PDF readers
Adobe Acrobat Distiller, PDFCreator	CUPS-PDF (http://www.physik.uni-wuerzburg.de/~vrbehr/cups-pdf/), OpenOffice.org, kprinter (http://printing.kde.org/overview/kprinter.php) -- can convert to pdf. <i>more</i>	PDF authoring
Adobe Acrobat PDF editor	pdftk (http://www.accesspdf.com/pdftk), pdfedit (http://sourceforge.net/projects/pdfedit), pdfjam (http://www.warwick.ac.uk/go/pdfjam), pdf studio (http://www.qoppa.com/pdfstudio), <i>more</i>	PDF editing tools
SilverFast	xSane, VueScan (http://www.hamrick.com/vsm.html)	scanning
FinePrint	page-crunch (http://wfr.tcl.tk/279), mpage (http://freshmeat.net/projects/mpage/), Kprinter (http://printing.kde.org/overview/kprinter.php), psnup/PSutils (http://www.tardis.ed.ac.uk/~ajcd/psutils/index.html), pdfnup/PDFjam (http://www.warwick.ac.uk/go/pdfjam)	Document printing/reformatting tools

Networking

Windows apps	Linux apps	Description
Microsoft Internet Explorer, Firefox, Netscape, Opera, Chrome, Lynx, etc.	Firefox, Konqueror, Netscape, ChroMe (http://www.google.com/chrome), Opera, <i>more</i>	web Browsers
Outlook Express, Outlook, Thunderbird, Pegasus, Lotus Notes	Kontact, Evolution (http://www.novell.com/products/desktop/features/evolution.html), Thunderbird	Email clients.
ICQ, MSN Messenger, AIM (AOL Instant Messenger), Trillian, Pidgin	PidgIn, Kopete, aMSN, Emesene (MSN) (http://en.wikipedia.org/wiki/Emesene), Centericq	Instant messaging software.
Microsoft Netmeeting	Gnomemeeting	FTP clients. Note that dedicated FTP clients are rarely needed on Linux, since the default file manager can usually browse FTP shares. Several GNOME programs can directly open and edit files on FTP, SFTP and WebDAV shares.
Microsoft HyperTerminal	minicom	
FileZilla FTP Client, WS FTP, Bullet Proof FTP, CuteFTP	FileZilla FTP Client (http://filezilla-project.org/download.php?type=client), KFTP (KFTPGrabber) (http://www.kftp.org/misc/description), Kasablanca, FireFTP, Konqueror, KBear, CrossFTP (http://www.crossftp.com/), Nautilus	

mIRC	Konversation (http://en.wikipedia.org/wiki/Konversation), Quassel (http://en.wikipedia.org/wiki/Quassel_IRC), KVIrc, XChat, Pidgin, BitchX	IRC Clients
UltraVNC (http://ultravnc.sourceforge.net/), TightVNC, RealVNC, Remote Desktop	TightVNC (http://www.tightvnc.com/), RealVNC (http://www.realvnc.com/), rdesktop (http://www.rdesktop.org/), FreeNX (http://freshmeat.net/projects/freenx/), x11vnc (http://freshmeat.net/projects/x11vnc/), Synergy (http://synergy2.sourceforge.net/), XDMCP, SSH with X11 forwarding (-X or -Y option)	Desktop Sharing
MailWasher	KShowmail	
Forte Free Agent, Thunderbird, Pan	Thunderbird, Pan, See More Clients Here (http://www.newsreaders.com/unix/clients.html)	News Reader (Usenet newsgroups)
eMule	MIDOnKey (http://en.wikipedia.org/wiki/Mldonkey)	ED2K P2P network clients
Azureus (http://azureus.sourceforge.net/index.php), utorrent (http://utorrent.com/)	Azureus (http://azureus.sourceforge.net/index.php), Qtorrent (http://en.wikipedia.org/wiki/Qtorrent), Ktorrent (http://en.wikipedia.org/wiki/Ktorrent), bittornado (http://en.wikipedia.org/wiki/Bittornado)	BitTorrent P2P network clients
Skype, Voipbuster	Skype (http://en.wikipedia.org/wiki/Skype), Linphone (http://en.wikipedia.org/wiki/Linphone), OPenwenGo (http://en.wikipedia.org/wiki/OpenWengo), Ekiga	VOIP software
Bitvise Tunnelier	gSTM (http://sourceforge.net/projects/gstm/)	gSTM is a front-end for managing SSH-tunneled port redirects.

Server

Windows apps	Linux apps	Description
IIS, Apache	Apache, Engine-X (http://en.wikipedia.org/wiki/Nginx), lighttpd (http://www.lighttpd.net/)	Web Servers
Folder sharing, printer sharing	Samba	Share files and printers between Windows and Linux systems. Installed by default on most distributions.
IIS, FileZilla FTP Client & Server (http://filezilla.sourceforge.net/)	vsftpd, pure-ftpd (http://en.wikipedia.org/wiki/Pure-ftpd)	FTP servers, for hosting files.
NetLimiter (http://www.netlimiter.com/)	Trickle (http://monkey.org/~marius/pages/?page=trickle), Level 7 Filter (http://l7-filter.sourceforge.net/), ClarkConnect (http://www.clarkconnect.com/info/index.php), Bandwidth Arbitrator (http://www.bandwidtharbitrator.com/), MasterShaper (http://www.mastershaper.org/index.php/Main_Page)	Bandwidth shaping and management.
Exchange	Citadel, zimbra (http://en.wikipedia.org/wiki/Zimbra), Open-Xchange	Groupware (sharing of appointments, contacts, e-mail, documents, etc. between members of a group)
Sharepoint	KnowledgeTree (http://www.knowledgetree.com/opensource)	Manage and secure documents, collaborate around document creation and editing, full document contents indexing
Norton/McAfee Antivirus, ClamWin (http://clamwin.com/), AVG, AntiVir	ClamAV, AVG Antivirus (http://free.avg.com/download?prd=afl), Avast Home for Linux (http://www.avast.com/eng/download-avast-for-linux-edition.html)	Antivirus software.
ZoneAlarm , Sygate SPF	Guarddog, Firestarter, GUFW, iptables	Firewall software

Multimedia

Windows apps	Linux apps	Description
Adobe Photoshop (http://www.adobe.com/products/photoshop/), Corel Photo-Paint (http://www.corel.com/), GIMP, GIMPShop	GIMP (http://www.gimp.org/), GIMPShop, Krita (http://en.wikipedia.org/wiki/Krita), Pixel (non-free high quality) (http://www.kanzelsberger.com/pixel/), LightZone (non-free high quality) (http://www.lightcrafts.com/)	Raster graphics editors
Corel Draw (http://www.corel.com/), Adobe Illustrator (http://www.adobe.com/products/illustrator/)	Inkscape (http://www.inkscape.org/)	Vector graphics editors
Irfanview, ACDSee	XnView, GQView, Mirage (http://mirageiv.berlios.de/), GThumb	Image viewers
3D Studio MAX, Blender, Maya (http://www.autodesk.com)	Blender, Maya (http://www.autodesk.com), Softimage (http://www.softimage.com), K-3D	3D modeling software
Windows Media Player, PowerDVD	MPlayer, Xine, Totem, Kaffeine, VLC	Video Players
SIA Smaart Live	BRP-PACU (http://sf.net/projects/brp-pacu/)	Sound analysis

Winamp, Sonique, iTunes, aTunes (http://www.atunes.org/)	amaroK, aTunes (http://www.atunes.org/), XMMS, noatun, RhythmBox, xine will play aac and wma, Banshee (http://banshee-project.org/index.php/Main_Page)	Music Players
OTSAV, OTS Turntables (http://www.otsav.com/), Serato (http://serato.com/), Traktor (http://www.native-instruments.com/en/traktor/), Virtual DJ (http://www.virtualdj.com/), PC DJ (http://www.pcdj.com/), Mixxx (http://www.mixxx.org/), UltraMixer (http://www.ultramixer.com/)	Mixxx (http://www.mixxx.org/), UltraMixer (http://www.ultramixer.com/)	Audio & video play out (DJ/presenter)
Windows Movie Maker, Adobe Premiere Elements, Multiquence (http://www.goldwave.com/mqrelease.php)	Cinelerra, KDenlive, LiVES, Kino, AviDemux (http://en.wikipedia.org/wiki/Avidemux)	Video Editors
Audacity, Cubase, CoolEdit, GoldWave (http://www.goldwave.com/), Cakewalk/Sonar	Ardour, Rosegarden (http://www.rosegardenmusic.com/), Audacity, GNUsound (http://www.gnu.org/software/gnusound/), Beast	Digital audio workstation software
Audio Catalyst, dbpoweramp, CDex	Grip, Audacity	Audio Editors
Cakewalk/Sonar	kmidi, kmidi, Rosegarden (http://www.rosegardenmusic.com/)	MIDI
NoteWorthy Composer (http://www.noteworthysoftware.com/), MuseScore, LilyPond	MuseScore (http://www.musescore.org/), LilyPond (http://lilypond.org/web/)	Musical score typesetting
GuitarPro (http://www.guitar-pro.com/), TuxGuitar	TuxGuitar (http://www.tuxguitar.com.ar/)	Guitar tablature editors
Microsoft Paint, Kid Pix, Tux Paint	TuxPaint (http://www.tuxpaint.org/), KolourPaint (http://en.wikipedia.org/wiki/KolourPaint)	Basic raster painting programs
Videora	thinliquidfilm (http://thinliquidfilm.org/)	Video converter
TMPGEnc DVD Author, Roxio DVDit	Bombono DVD (http://www.bombono.org/)	DVD authoring software

Education

Windows apps	Linux apps	Description
	KTtouch	Touch typing tutors
Maple, Mathematica	Maple, Mathematica, Maxima (http://maxima.sourceforge.net/)	Computer algebra systems
Matlab	Matlab, Octave (http://www.gnu.org/software/octave/), SciLab (http://en.wikipedia.org/wiki/SciLab)	High level numeric computation environments
SPSS, Stata, EViews	R-project (http://www.r-project.org/), Stata (http://www.stata.com/products/unix.html), PSPP (http://www.gnu.org/software/pspp/pspp.html), S-Plus (http://en.wikipedia.org/wiki/S-Plus), Gretl (http://gretl.sourceforge.net/)	Statistical analysis
Verilog	iverilog (http://www.icarus.com/eda/verilog/)	Verilog Simulator
Google Earth, NASA World Wind, Celestia, Stellarium	Google Earth (http://earth.google.com/download-earth.html), Celestia (http://www.shatters.net/celestia/), Stellarium (http://www.stellarium.org/), Marble (http://edu.kde.org/marble/), Geody (http://www.geody.com/)	Geography and astronomy

Please add new applications to this list. A good resource is the [BeetleSpace Windows/Linux Software Table of Equivalents](http://www.nawaz.org/wiki/index.php?title=Table_of_Equivalents) (http://www.nawaz.org/wiki/index.php?title=Table_of_Equivalents), which is GNU FDL licensed.

See also

- running windows software
- The table of equivalents / replacements / analogs of Windows software in Linux. (<http://www.linuxrsp.ru/win-lin-soft/table-eng.html>)
- Ubuntu software equivalents's page (<https://wiki.ubuntu.com/SoftwareEquivalents>)
- The Linux Equivalent Project (<http://www.linuxeq.com/>)

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