

# Windows / Linux Program Exchange Chart

Rev. 2017-01-17

WINDOWS	LINUX [ * = recommendation ]
Internet Explorer ( IE )	1. Firefox 2. Chromium (open source version of Google/Chrome) *
e/Mail	Thunderbird or Echelon
Password Manager	KeePassX store database and keyfile in a /Dropbox/private-folder for access on multiple systems .
Office: 1. word 2. excel spreadsheet 3. powerpoint 4. draw 5. access	LibreOffice  Msft office programs included Generally use .pdf when sending a document via e/mail. If Word or Excel format is required use .docx or .xlsx format
winzip / pkzip	Archive manager –or-- run ZIP/UNZIP from Command line
cmd	terminal
filemanager (Windows Explorer)	File Manager is called “Nautilus” on Ubuntu and “Nemo” on Debian. Be sure to learn to use the dual pane option ( press F3 )
notepad	Gedit or Kate or Bluefish
screenshot	screenshot
ftp	filezilla
	pdfshuffler
adobe/acrobat	Linux document viewer
adobe/flash	adobe/flash Run NOFLASH plug-in in your browser – Windows users too. AdBlock plus also recommended; consider running NOSCRIPT.
scan	simple scan
desktop search	Recoll * or folder program “files”
PGP/Desktop	Kgpg, or gpg2 from command line
anti-virus and system cleanup	not needed
	software manager: to install programs
	system settings to check and adjust system
	system monitor to check system activity

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User Account Control (“UAC”)	<p>sudo</p> <p>If anything is to be installed into your system you have to do it using sudo, or the software installer. You do not run with root access: corrupted documents cannot update your system.</p>
Audio	<p>Audacious – music player – use to edit playlists – use .xspf format</p> <p>Audacity – sound record / edit</p> <p>Sound Converter – essential to convert sound formats – use 24 bit .flac at 48khz</p> <p>K3b – burn CD, DVD, Rip CD</p> <p>SoundJuicer – rip CDs including cda format</p> <p>Easytag – essential to correct file tags in .flac and .ogg music files</p> <p>VLC</p>
Video : Media Player	Videos. VLC has sound problems
Video: MovieMaker	<p>OpenShot</p> <p>Rip DVD: Handbrake</p>
	KAZAM – record video from screen
CD/DVD	<p>k3b – burn dvd or cd</p> <p>Sound Juicer – rip CDs</p>
<p>photography</p> <ul style="list-style-type: none"> <li>• Use software from camera maker</li> <li>• IRFANVIEW</li> <li>• Adobe/Photoshoip</li> </ul>	<p>GWENVIEW for browsing, minor editing – resize, crop</p> <p>GIMP for editing – coror correction, retouch etc</p> <p>Raw Therapee – nr</p> <p>Darktable: good with “raw” &amp; image adjustments. Has a camera downloader that works but if you want your directories named in a particular way create them first using file manager.</p>
	MINTSTICK – make ISO on USB Drive
Paint	Pinta Kolourpaint
<p>Special Purpose Windows Applications:</p> <ul style="list-style-type: none"> <li>• Turbotax</li> <li>• Quicken</li> <li>• CadCam</li> <li>• Photoshop</li> <li>• Medical software</li> <li>• &amp;c</li> </ul>	<p>many very good programs have been written only for the Windows system. Some of these may run in Linux using the WINE emulator or in VirtualBox.</p> <p>Alternatively: run them in a Windows system:</p> <ul style="list-style-type: none"> <li>• Not with administrator privilege</li> <li>• With group policy disallowing any</li> </ul>

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	<p>software updates</p> <ul style="list-style-type: none"><li>• This will protect a Windows system where people are doing things the right way. As you know: Hackers don't play by the rules. They take what they can find where they find it.</li></ul>
DUAL BOOT	<p>it is possible to set up “Dual Boot” so you can boot up under Windows or under Linux.</p> <p>Not recommended: root infections (RATS) can spread from the Windows system into the Master Boot record and corrupt the entire system.</p> <p>Use VirtualBox instead</p>
WORKGROUPS	<p>SAMBA</p> <p>Not recommended: the GUI tools necessary to install and administer this are n/a</p> <p>Use USB sticks</p>
DROPBOX	<p>Dropbox works perfect on Linux: from the repository select Dropbox for Nautilus on Ubuntu systems or for Nemo on Debian systems.</p>
	<p>Avoid using KDE programs in a non-KDE environment. Kate, K3B, Kolourpaint, Krusader,</p>

there are no drive letters in Linux. File structure starts at /root and you mount additional media or directories onto /root

[Linux Mint Community](#) – downloads, help, &c

The programs are not equivalent which is why I list this as an exchange and not as an equivalence table.

windows linux program table

End