

# Open Source Software

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## TOPICS

- **What is Open-Source Software**
- **Benefits of Open-Source Software**
- **Downside of Open-Source Software**
- **Examples of Open-Source Software**

## What is Open-Source Software

- Program code available to all
- Modified versions
- Propriety software
- Freeware
- Shareware (donations)
- Enhancements may cost



## Benefits of Open-Source Software

- FREE
- Cross platform
- Security
- Very close to paid products

## Downside of Open-Source Software

- Support may be limited
- May not be as polished as paid software
- May have limited documentation
- Multiple versions by different developers



# Examples of Open-Source Software

- Password managers
  - Bitwarden
  - KeePass (old version) KeePassXC (new cross-platform)
  - Roboform
  - Lastpass
  - Dashlane
- Bookmark managers
  - EverSync (works with multiple browsers)
  - Roboform (bookmarks and passwords)

## Examples of Open-Source Software

- Protection
  - bleachBit (clean up computer, complex, finds “stuff” to clean up)
  - Specy (information about your computer)
- Backup/Restore
  - SyncBackFree – file backup
  - FreeFileSync – file backup
  - CloneZilla
  - Partition Image
  - EaseUS To-Do - disk images – not opensource but free
  - Macrium Reflect – disk images – not open-source but free
  - AOMEI Backupper – disk images – not open-source but free



# Examples of Open-Source Software

- Protection
  - bleachBit (clean up computer, complex, finds “stuff” to clean up)
  - Speccy (information about your computer)
  - Belarc Advisor – not open-source but free and complete
- Backup/Restore
  - SyncBackFree – file backup
  - FreeFileSync – file backup
  - CloneZilla
  - Partition Image
  - EaseUS To-Do - disk images – not opensource but free
  - Macrium Reflect – disk images – not open-source but free
  - AOMEI Backupper – disk images – not open-source but free
- New Installations
  - PatchMyPC – keeps over 300 applications up to date – Free for home
  - NiNite – note programs that you want and them batch install



# Examples of Open-Source Software

- Productivity
  - LibreOffice – completely replaces MS Office - ribbon or dropdown
  - Calligra - limited support but newer than LibreOffice
  - FreeOffice
  - OnlyOffice
  - GoogleDocs
  - MS Office-Web
- Note Taking
  - Joplin – like Evernote - multidevice
  - SimpleNote – very simple!

## Examples of Open-Source Software

- E-Mail – stored on computer vs cloud
- Thunderbird/+Lightning
- MailSpring –
  
- Screen Capture – replace snipping tool – markup image
  - Greenshot – windows only
  - Ksnip – cross platform
  - ShareX – windows only
- Multimedia Players – keep track of many audio files (like itunes)
  - Strawberry
  - Audacious



# Examples of Open-Source Software

- Multimedia editing/recording
  - Audacity – edit/convert audio file
- Video editing
  - OpenShot – new to editing
  - Shotcut – more advanced
  - Blender – 3D
  - DaVinci Resolve – not open-source but advanced and free
- Graphics – photo editing
  - G.I.M.P
  - Inkscape – drawing
  - Krita
  - Darktable – like lightroom



# Examples of Open-Source Software

- Misc Utilities
  - 7Zip – file compressing
  - VirtualBox – virtual OS creating
  - Gramps – Genealogy
  - TreeSize Free - What is taking up hard drive space
  - WinDirStat – What is taking up hard drive space in graphic display
- Others?
  - [osalt.com](http://osalt.com)
  - [alternativeto.net](http://alternativeto.net)
  - [freeopensourceoftware.org/index.php/Main\\_Page](http://freeopensourceoftware.org/index.php/Main_Page)