Free Software and

Alternatives to Free Software

Presentation for the:

Lorain County Computer User Group



October 13, 2020 6:30 p.m.

Presented by:

John "Free John" Kennedy

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Member of the East-Central Ohio Technology Users Club Newark, Ohio

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APCUG Speakers Bureau

One of your benefits of membership.

Functional Resources

Economically Enticing

Functional Resources

Economically Enticing

Functional Resources

Economically Enticing

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My Needs

Computer software:

• that does what I want

• and price is reasonable

My Problem

most "packaged" software does way more than what I need

 most "packaged" software costs way more than I can afford

What I've Found

- software that costs \$\$\$\$
- osoftware that's FREE and
- free software that I like better than other free software

Types of Software

• PS = Paid Software



• FS = Free Software



Types of Software

- CSS = Closed Source Software
 - -Code is hidden from view

- OSS = Open Source Software
 - -Code is open for viewing

Types of Software

- PCSS = Paid Closed Source Software
 - Proprietary
- POSS = Paid Open Source Software
 - -Freeware and maybe Shareware
- FOSS = Free Open Source Software
 - -Totally at no cost at all (marked w/**)

FOSS

- Free and Open Source Software
- Closed vs. Open Source Software; how are they different? Recipes!
- Open source developers are willing to share the code so that others can help re-write/improve the software (you can also donate to these people as well).

Bottom Line = \$\$\$\$

- Free programs may be missing some features.
- So far I haven't missed them, and you may not either.
- But if something is missing, then you decide if it's worth the total price of the program to have that missing feature.
- Start with the free program, if it doesn't meet your needs, purchase the paid program.

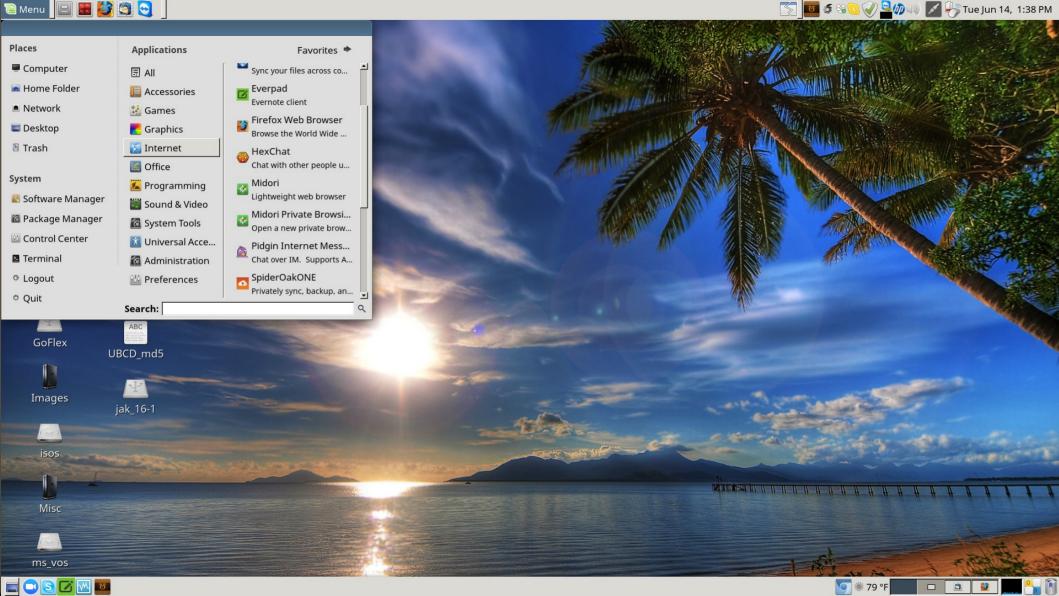
My Areas of Computer Needs

- Operating System
- Tech Trouble/Assisting/Communicating
- Protection (computer management)
- Productivity (file creation)
- Multimedia (audio/video)
- Graphics/Digital Imaging

I'd like to share what I use or would use, and other examples of functional software that's economically enticing.

Operating Systems

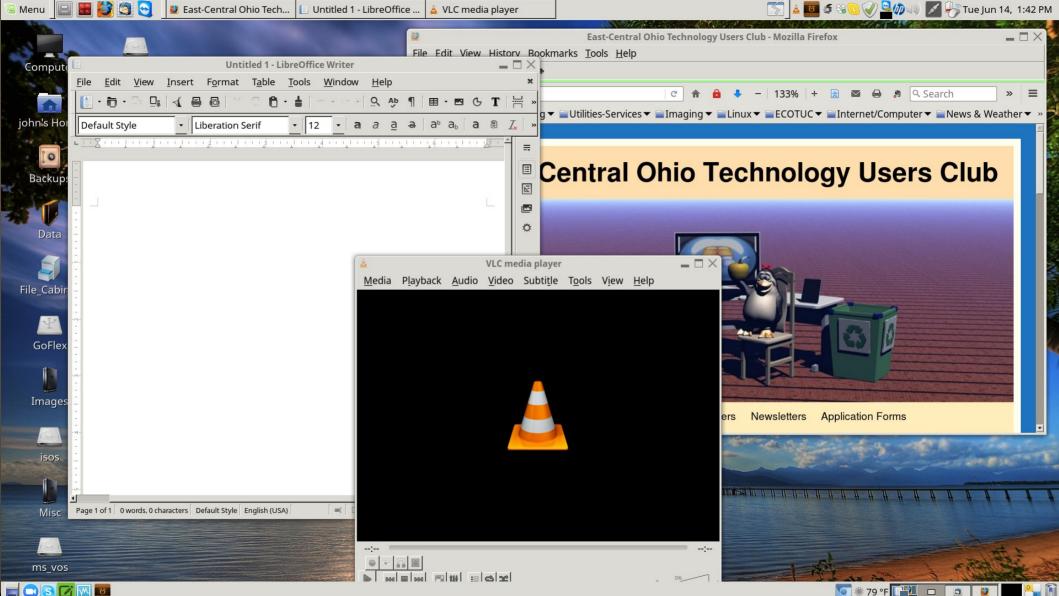
- Heart/Brains of it all
- Graphical desktop
- Lots of applications
- FOSS = LINUX**

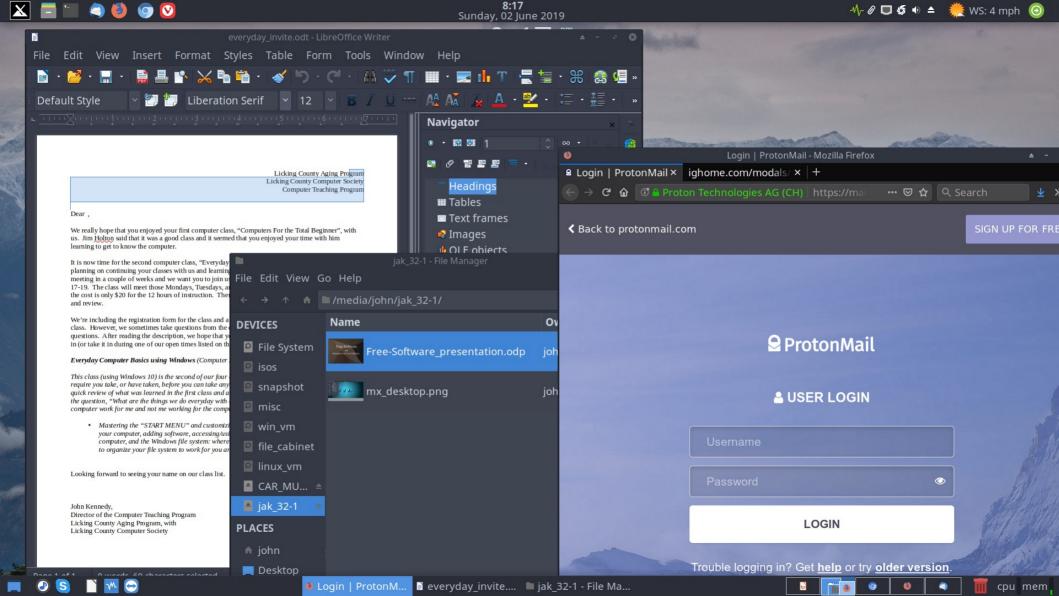






cpu mem



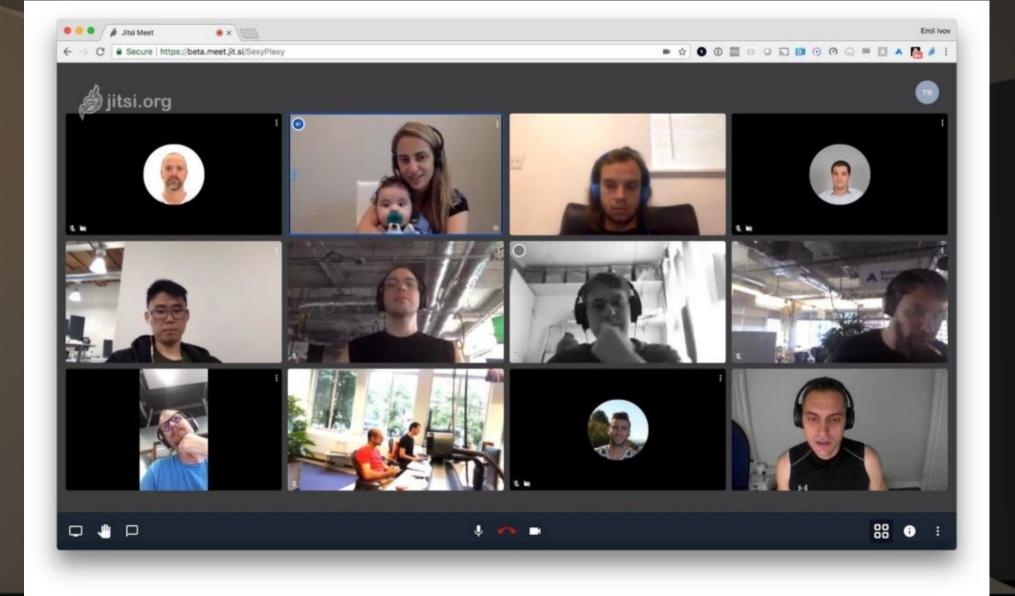


Tech Trouble/Assisting and Communicating

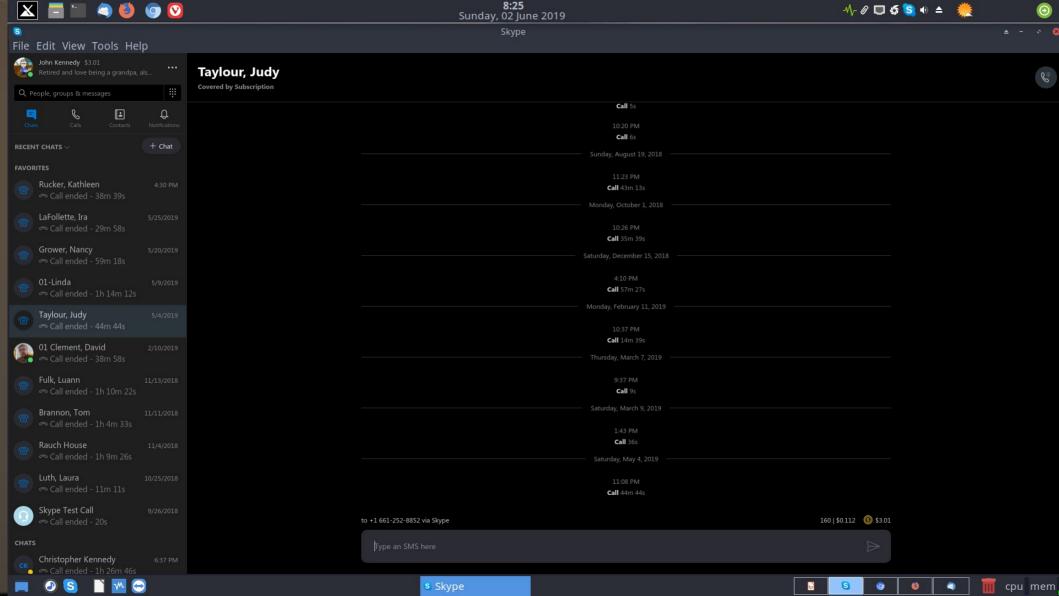
- being able to help others with their tech problems
- being able to assist remotely and see what's going on (or not going on)
- being able to just communicate

Tech Assistance - Talk

- Jitsi** voice/video/desktop sharing
- Zoom voice/video/desktop sharing
- Skype voice/video/files/ desktop sharing
- Google Meet/MS Team



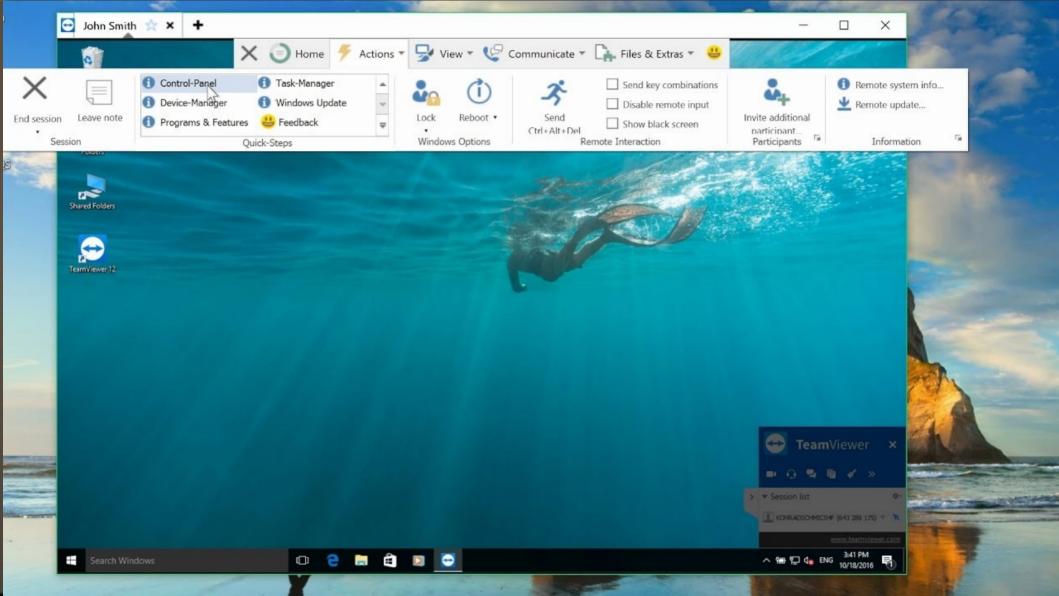


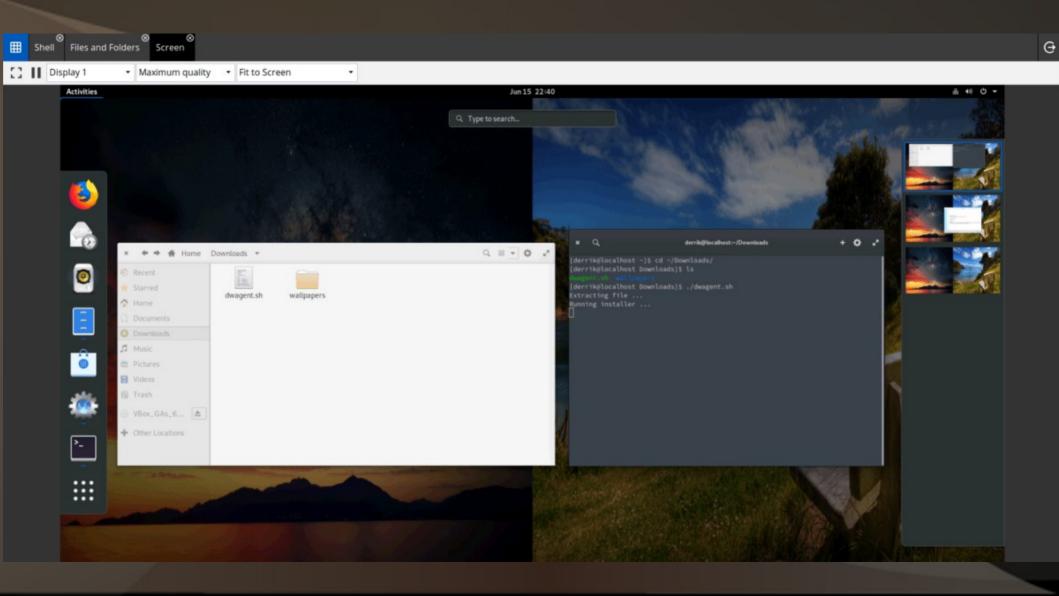


Tech Assistance – Remote Access

- Teamviewer
 - -Skype audio

- TightVNC**
- DWService** (web based)





Protection

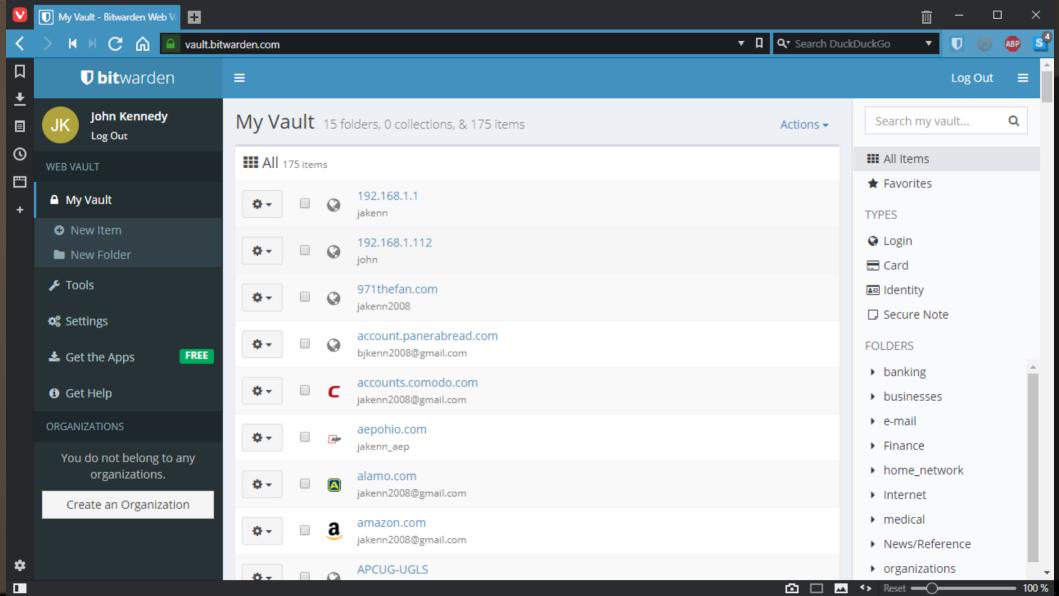
- Password/Bookmark Managers
- Anti-virus
- Spam/Adware
- · Clean-up/Remove/Update
- Backup/Restore

Password Managers

• Bitwarden**

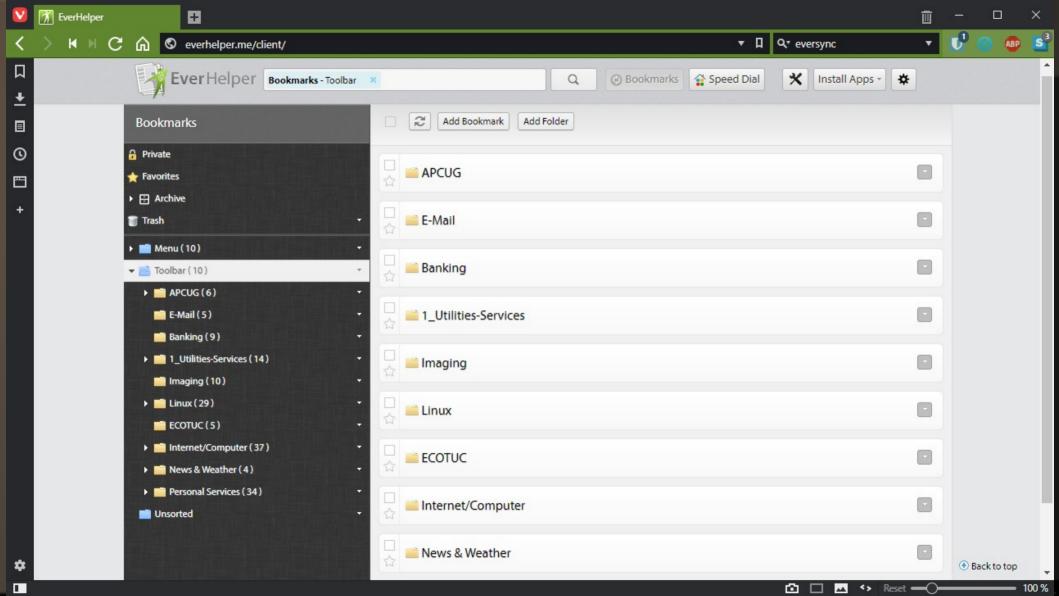
• KeePass(Win)**/KeepassX(Linux)**/
KeepassXC(cross-platform, newer)**

· Roboform, LastPass, Dashlane



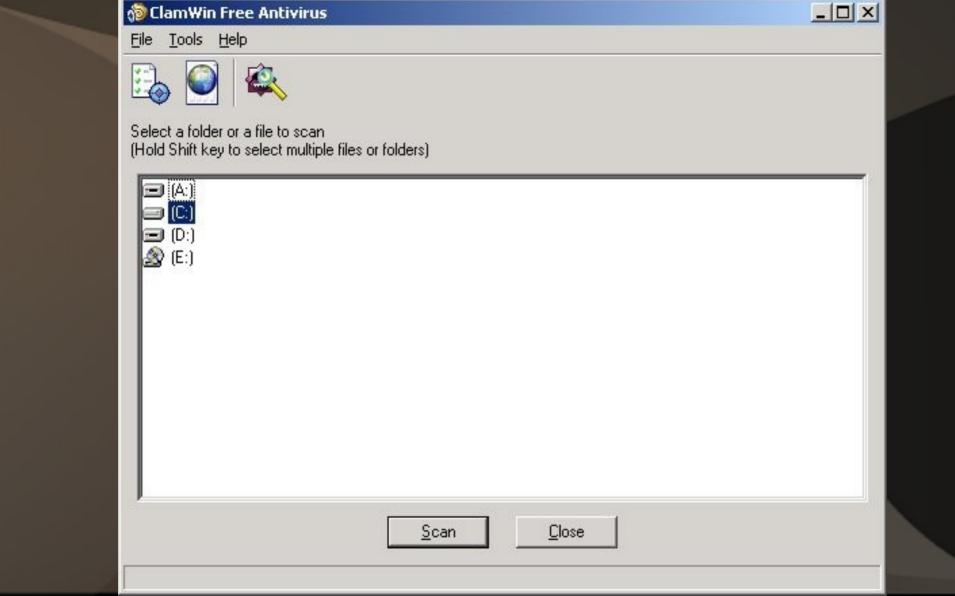
Bookmark Managers

- EverSync(web based)**
- Browser based
- Roboform



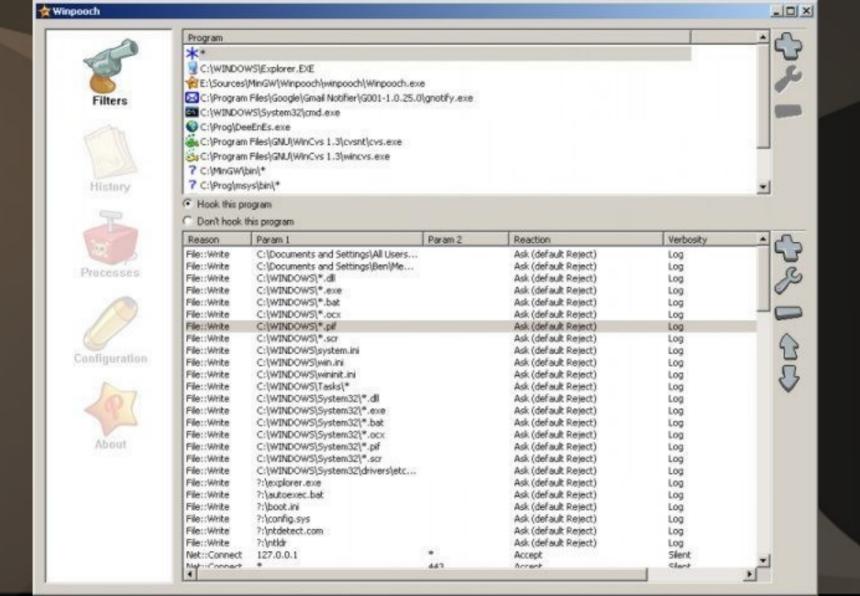
Protection - Antivirus

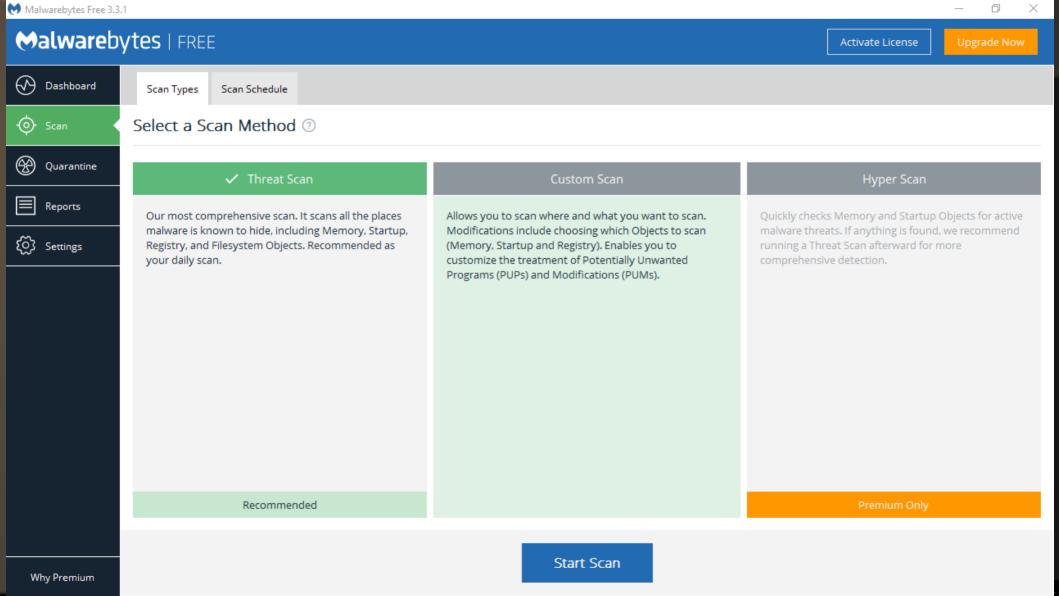
- ClamWin**, ClamAV**
- Avira AntiVir
- Avast/AVG (both owned by Avast)
- MS's own Windows Security



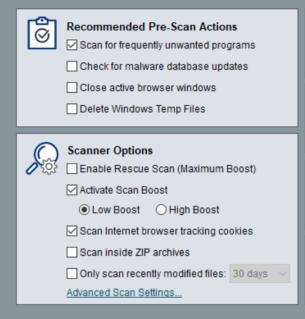
Protection – Spam/Spyware/Malware

- Winpooch**
- MalwareBytes
- SuperAntiSpyware





Remove spyware, NOT just the easy ones!





Complete Scan

Scan all files on this PC



Quick Scan

Scan common points of infection



Critical Point Scan

Scan for active infections

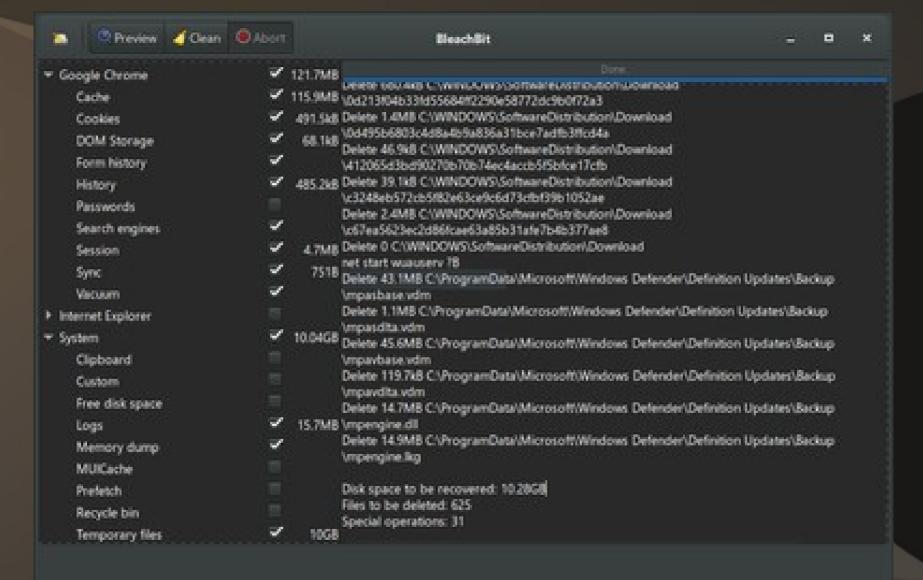


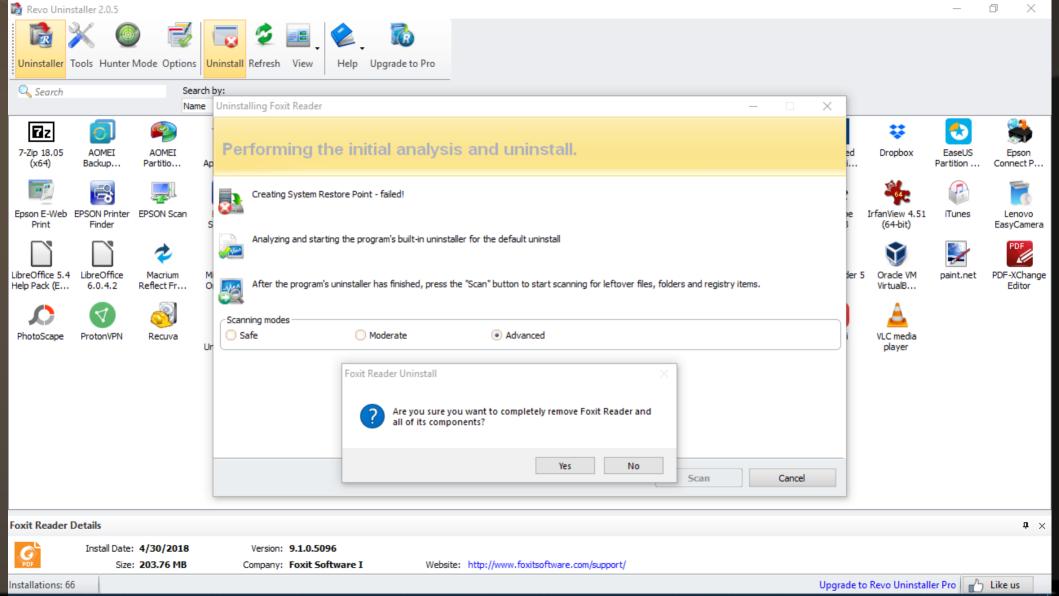
Custom Scan

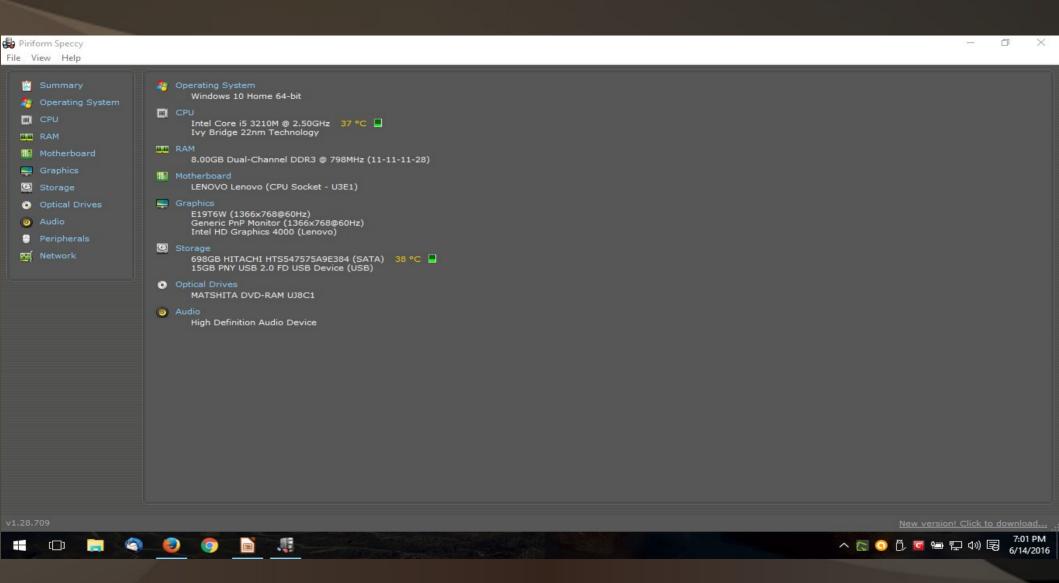
Scan user selected system locations

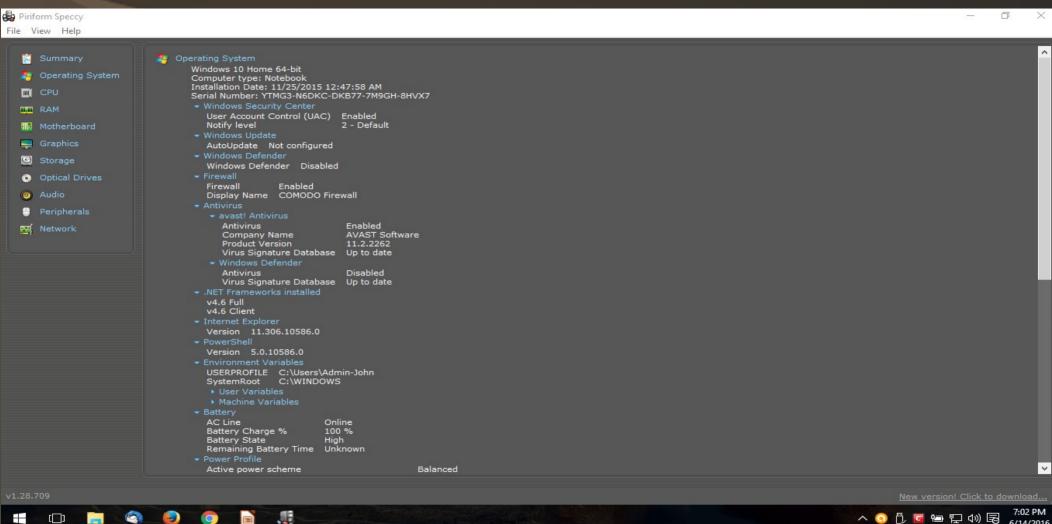
Protection – Clean Up/Removal/Update & Information Gathering

- BleachBit**
- Revo Uninstaller/Advanced Uninstaller Pro/Ccleaner
- Speccy
- Belarc







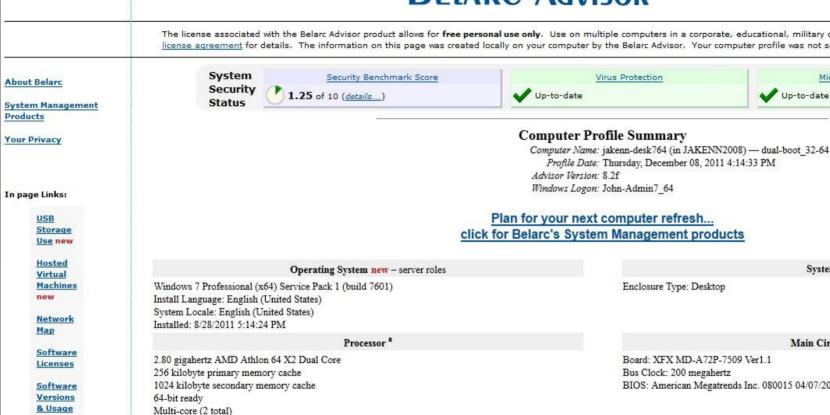


6/14/2016



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Enclosure Type: Desktop

Board: XFX MD-A72P-7509 Ver1.1

Bus Clock: 200 megahertz BIOS: American Megatrends Inc. 080015 04/07/2009

Missing

Not hyper-threaded

Hotfixes

Installed **Hotfixes**

new USB Storage Use in past 30 Days (mouse over last used for details)

Canon iP6700DStorage -- drive 8, rev 0101 Seagate FA GoFlex Desk -- drive 9, s/n NA0LF0CS, rev 0157 Seagate FreeAgentDesktop -- drive 7, s/n 5QM0G49V, rev 100F Generic USB CF Reader -- drive 3, s/n 058F312D81B, rev 1.01

Generic USB MS Reader -- drive 5, s/n 058F312D81B, rev 1.03

Generic LISB SD Reader -- drive 2 s/n 058E312D81B rev 1.00

Last Used

12/8/2011 4:10:52 PM 12/8/2011 4:10:52 PM 12/8/2011 4:10:52 PM 12/8/2011 4:10:51 PM

12/8/2011 4:10:51 PM

12/8/2011 4:10:51 PM

Name Windows XP Mode Windows XP Mode

new Hosted Virtual Machines (mouse over name for details) Last Used 9/21/2011 6:22:01 PM 9/16/2011 9:36:18 PM

System Model

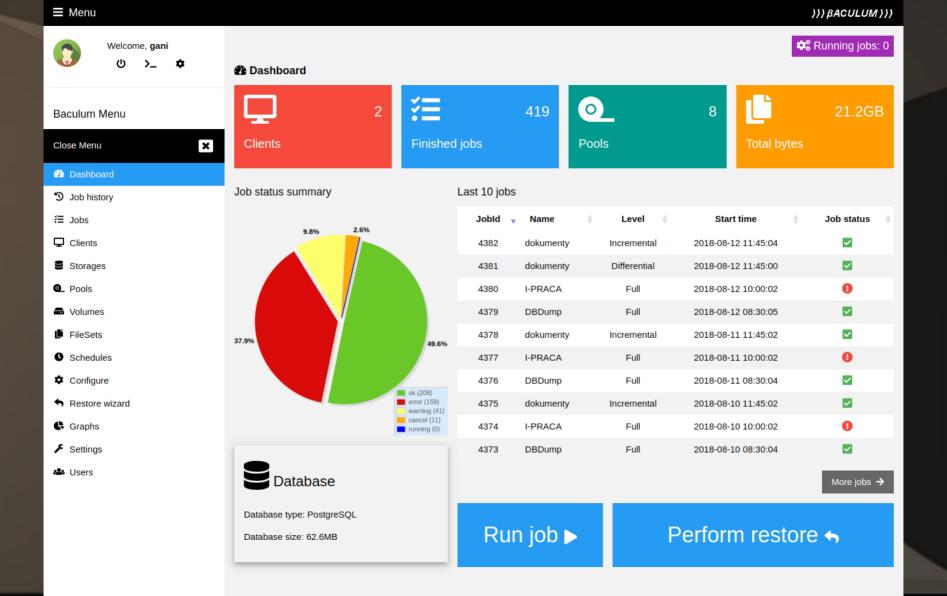
Main Circuit Board b

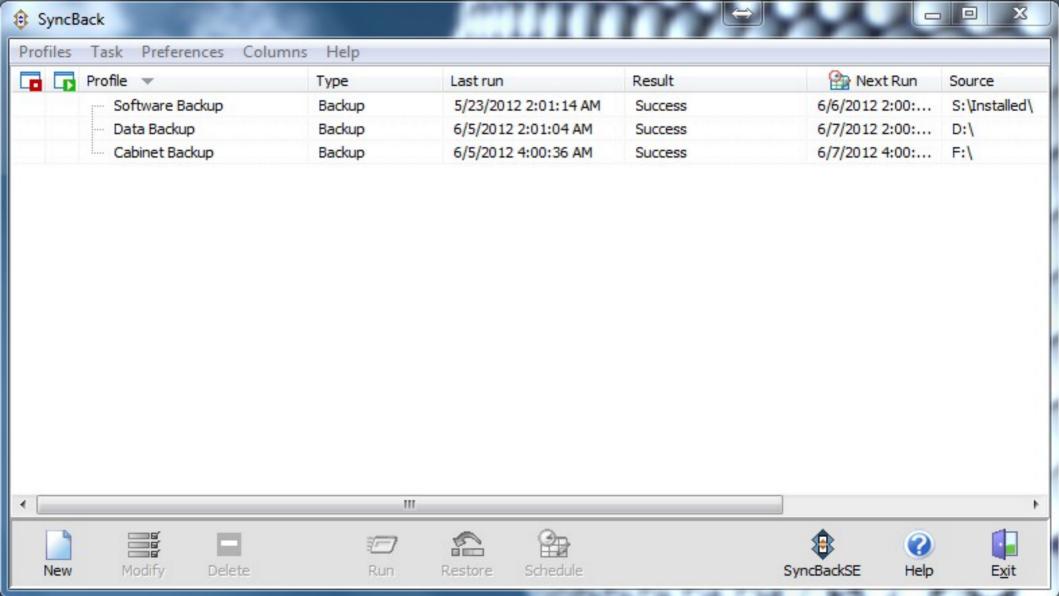
Microsoft Security Updates

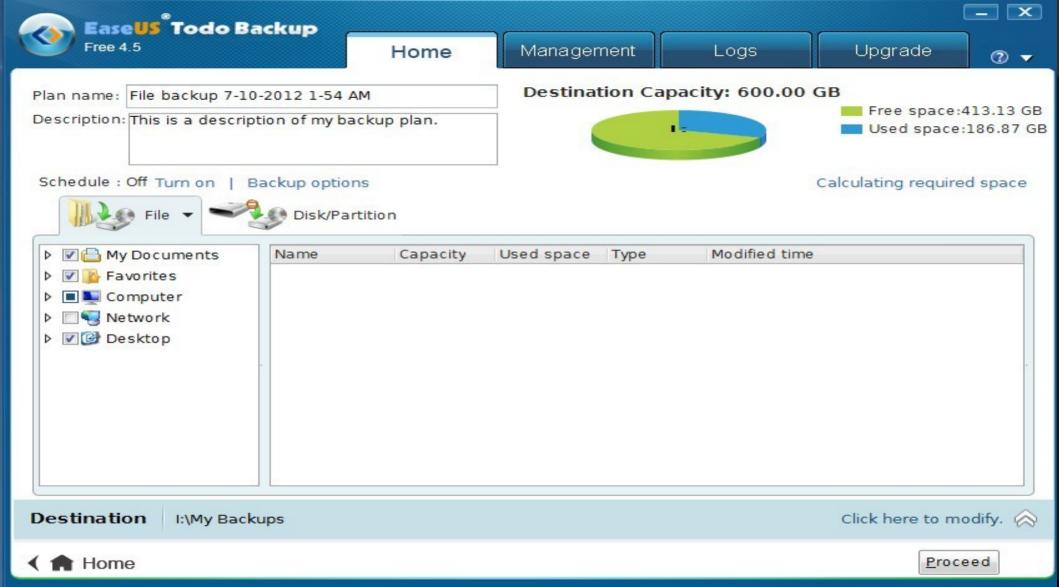
Up-to-date

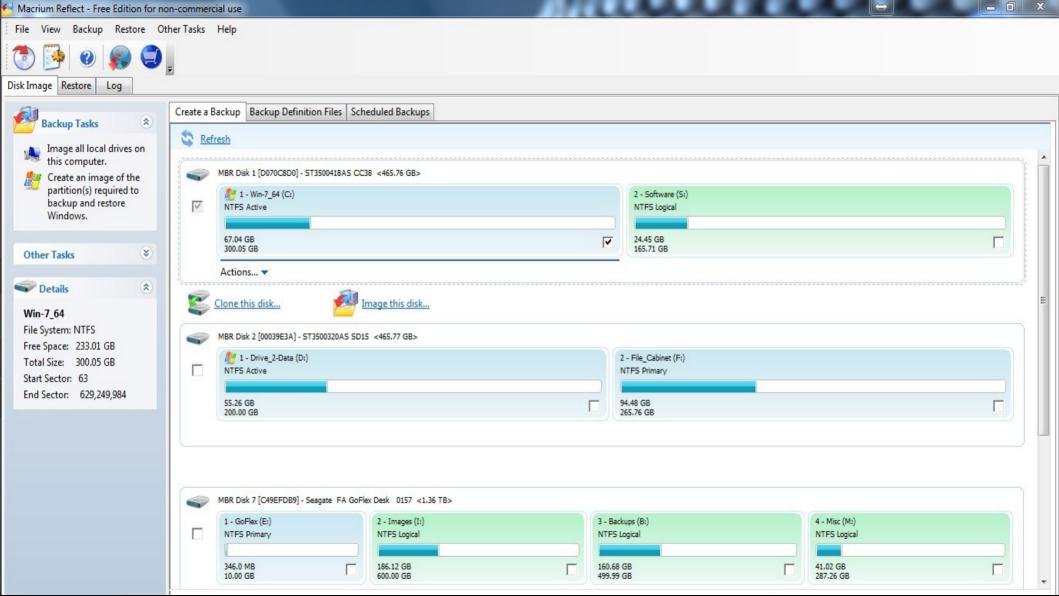
Protection – Backup/Restore

- Bacula**
- SyncBack/FreeFileSync files
- CloneZilla**, Partition Image**
- EaseUS To-Do image
- Macrium Reflect image
- AOMEI Backupper image





















System Backup

Backup Windows and create an image of system partition.



Backup hard disks to an image file.



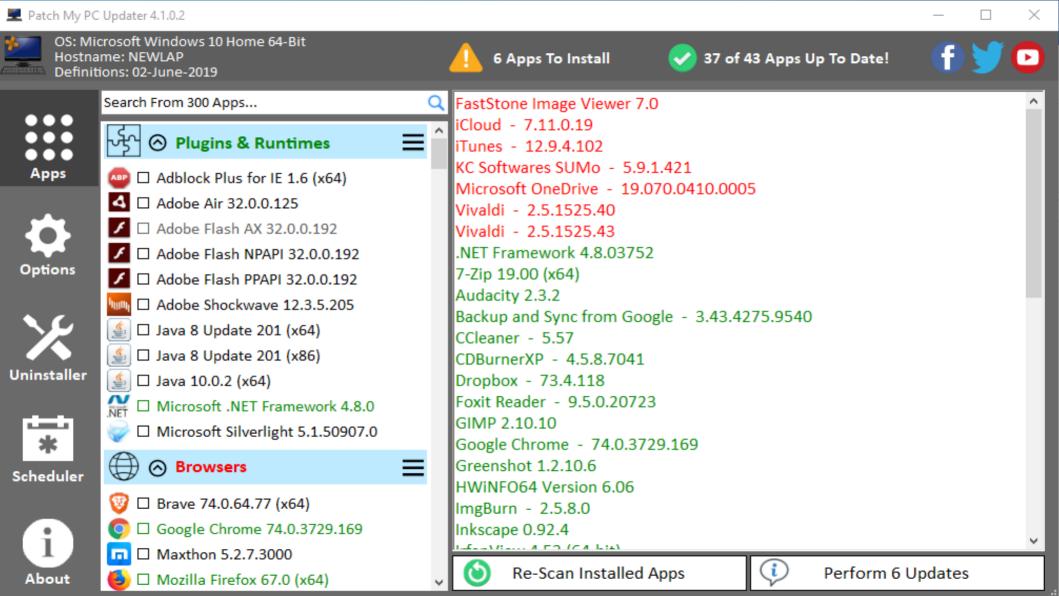
Backup partitions or dynamic volumes to an image file.

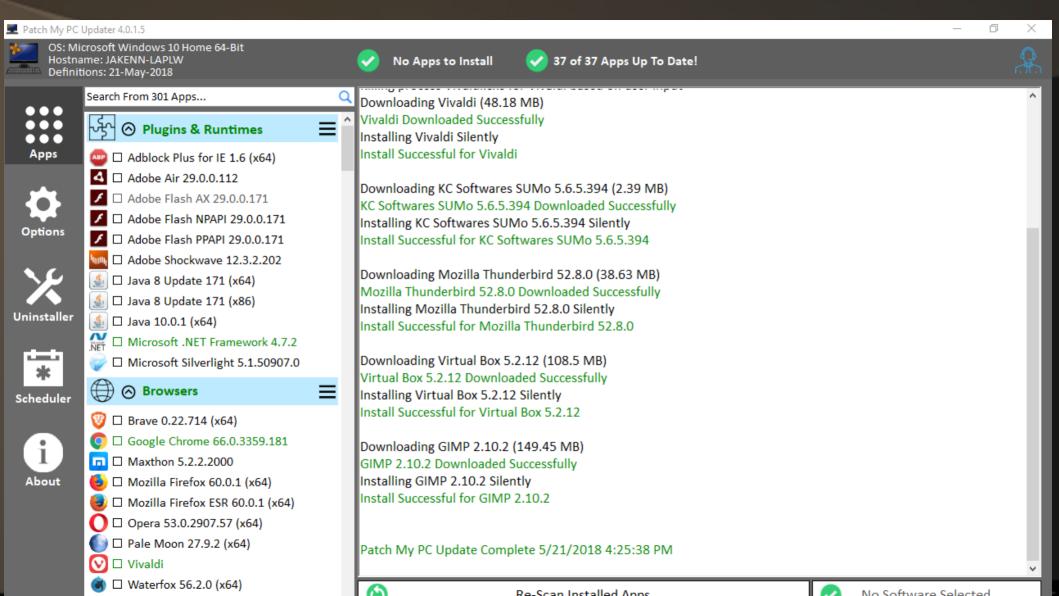
File Backup

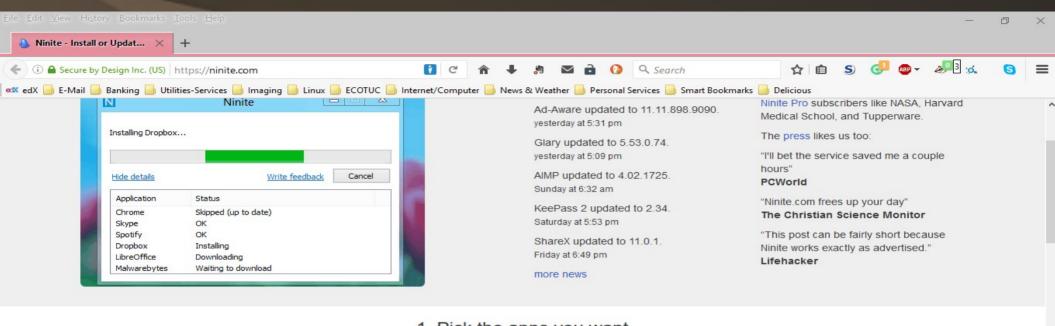
Easily backup files and folders to an image file.

Software Easy Downloading and Keeping Up to Date

- PatchMyPC
- NiNite
- Personal Software Inspector (Secunia)
- FileHippo App Manager
- Avast

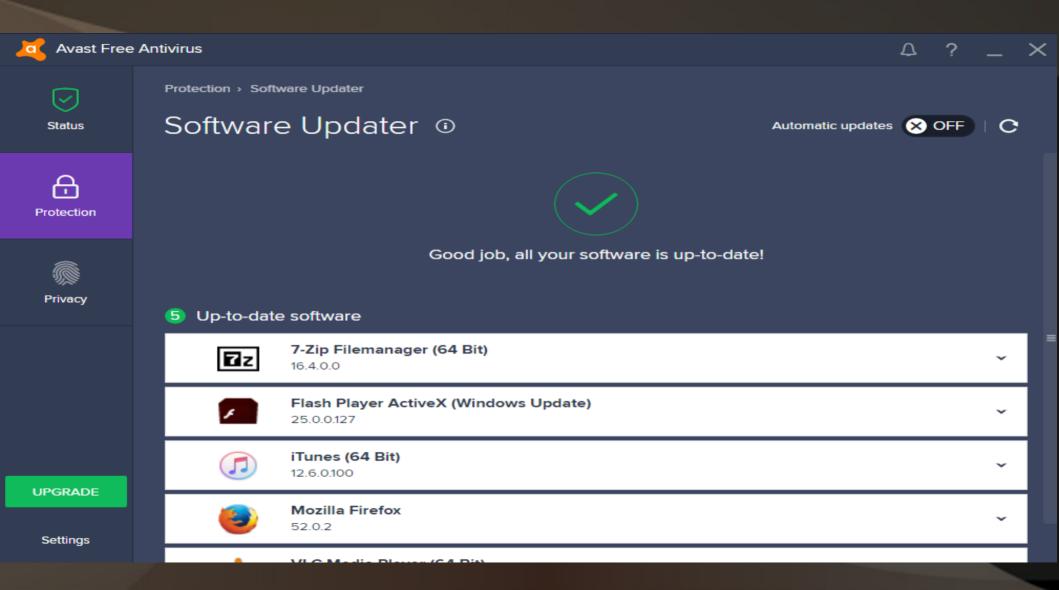






1. Pick the apps you want





Productivity

- Text documents, spreadsheets, presentations
- · Web browsing, e-mail, calendar
- PDF readers
- Graphics/Drawing

Productivity – Text documents, Spreadsheet, Presentation

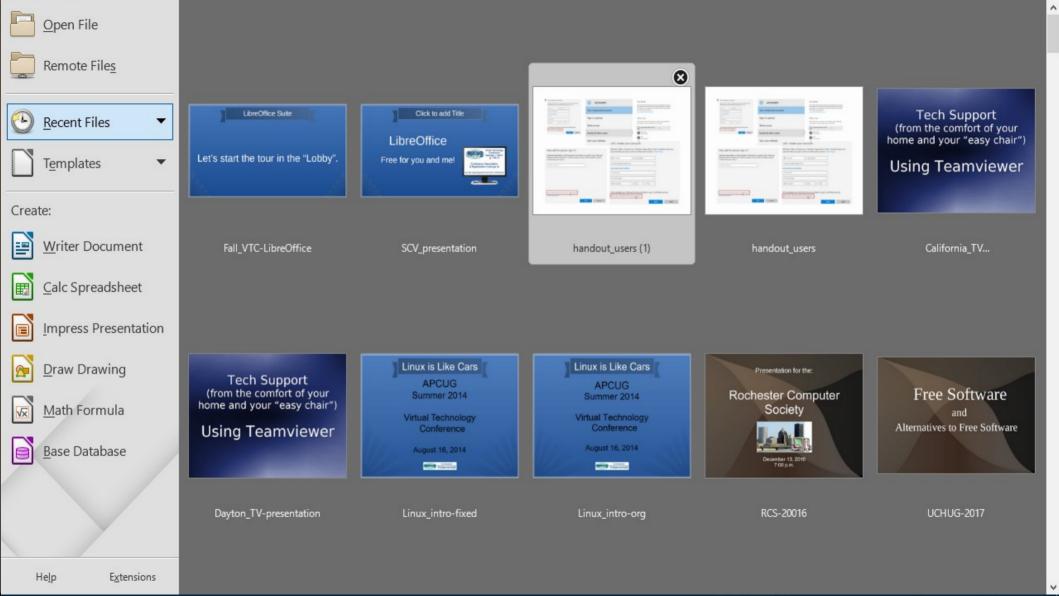
LibreOffice**

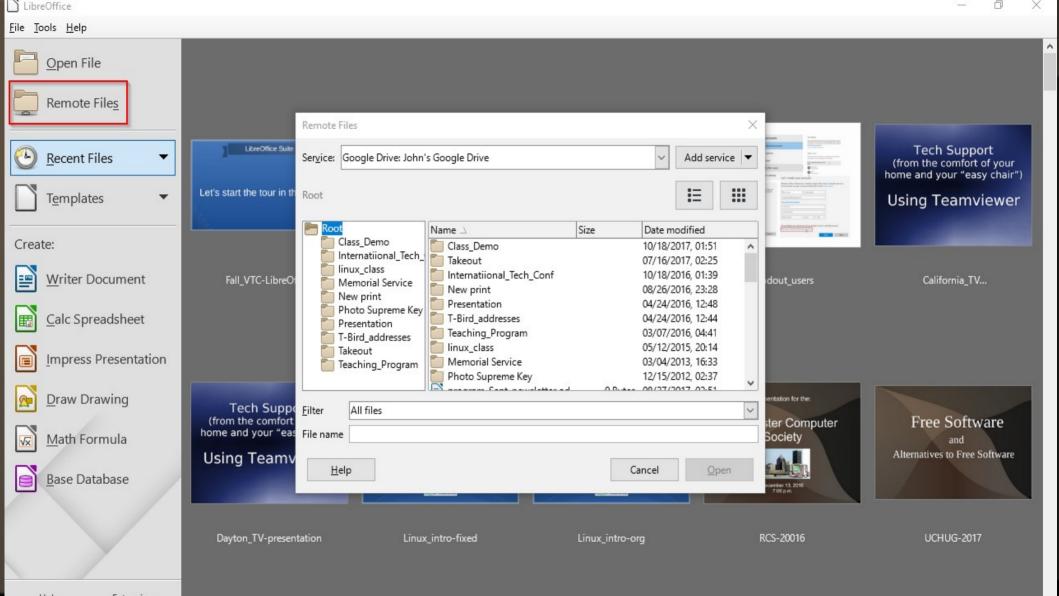
- Writer word document
- Calc spreadsheet
- Impress presentation maker
- Base database

Joplin** – note taking, web based

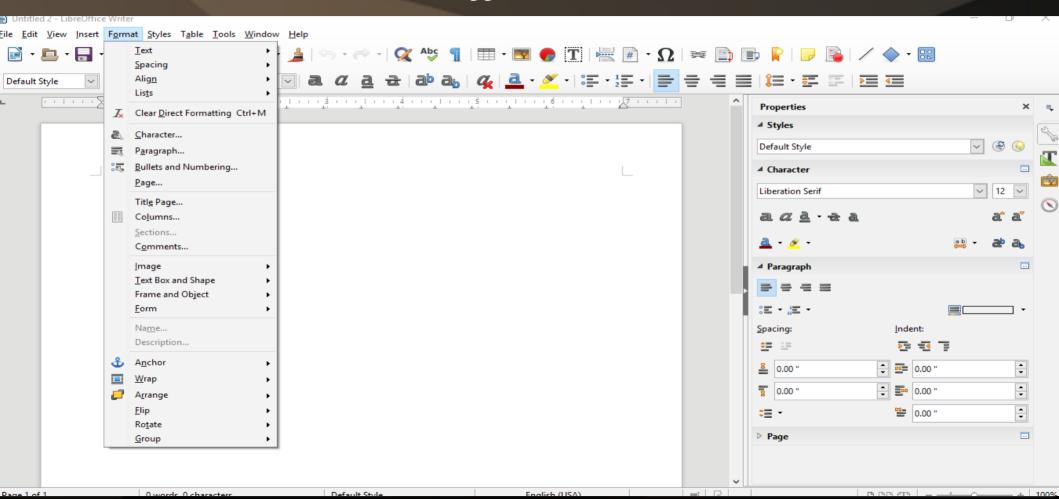
Productivity – Text documents, Spreadsheet, Presentation

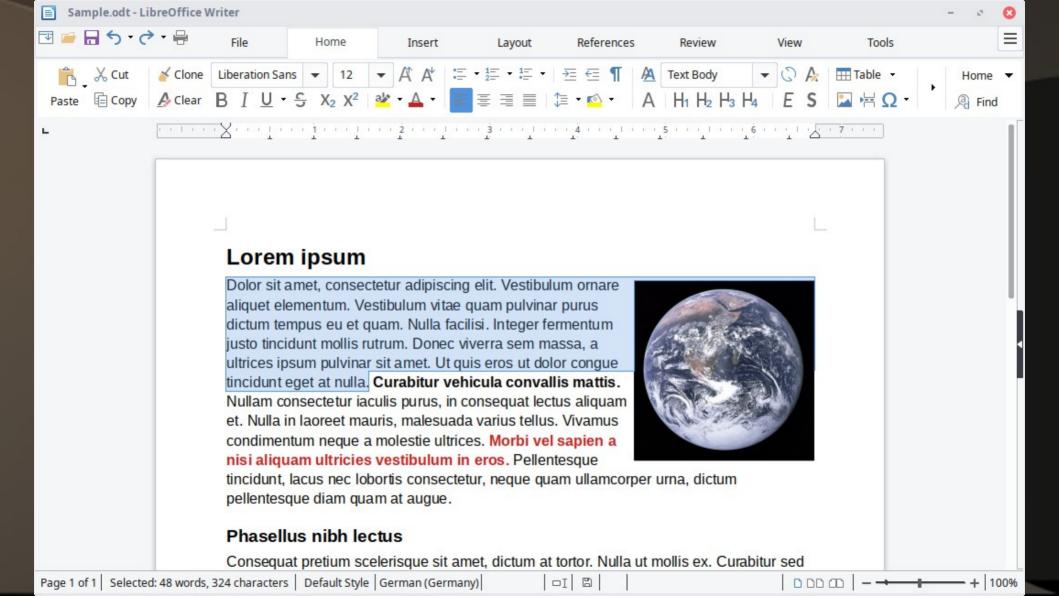
- Calligra**
- FreeOffice, WPS Office
- Web versions



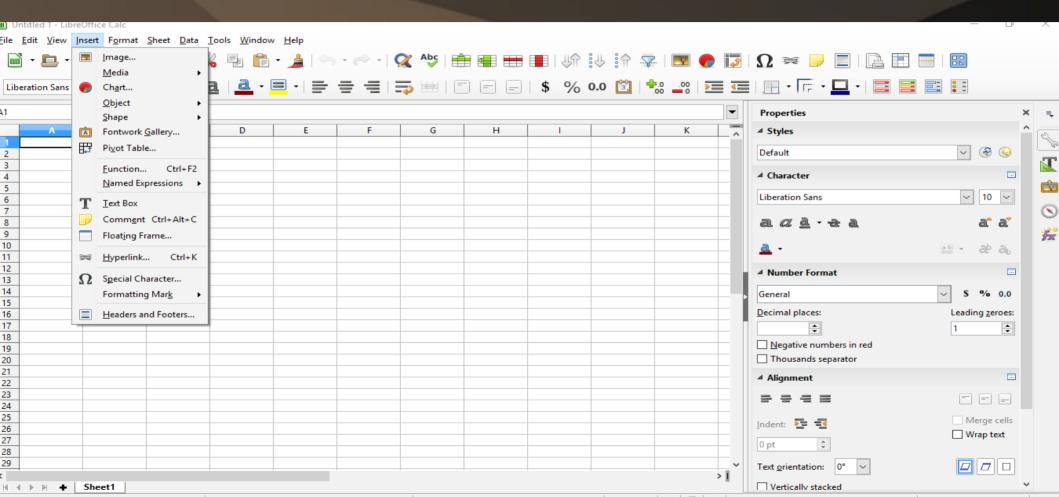


LibreOffice - Writer

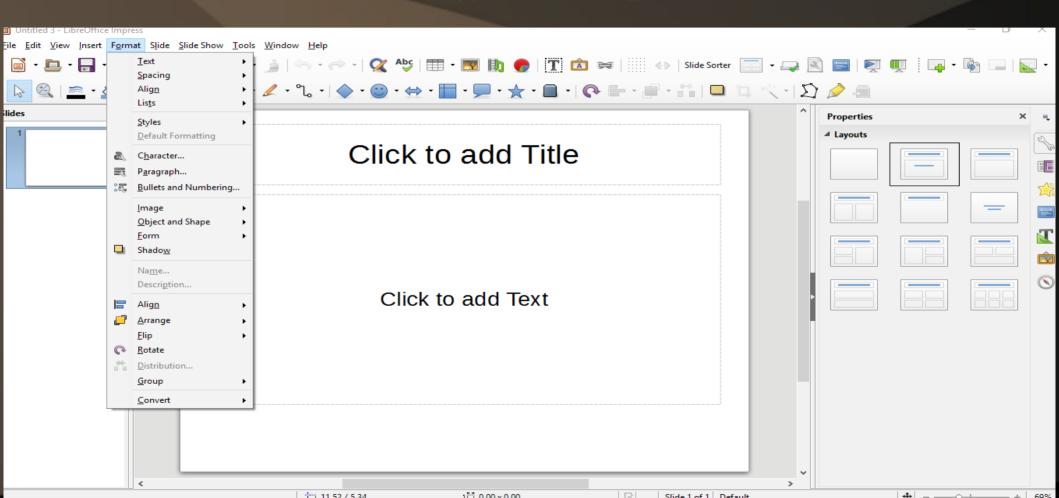




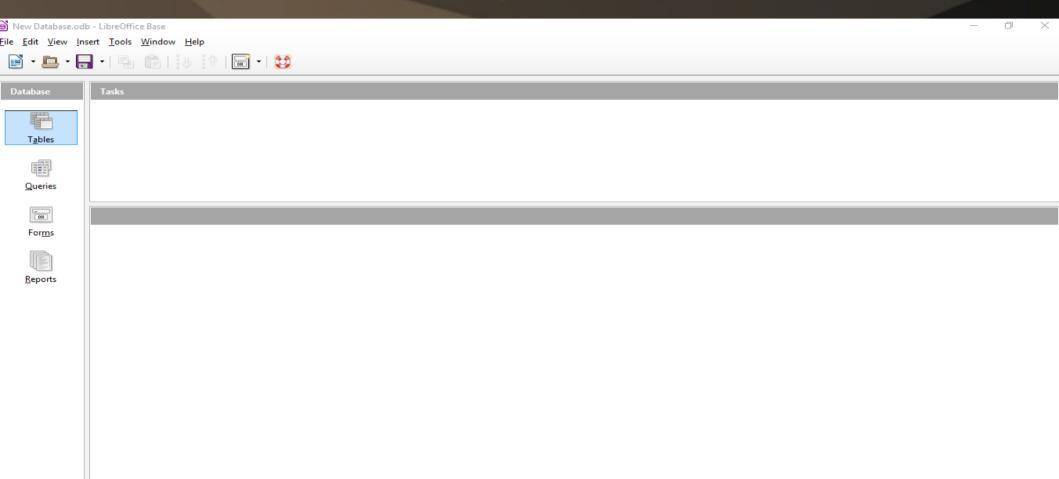
LibreOffice - Calc



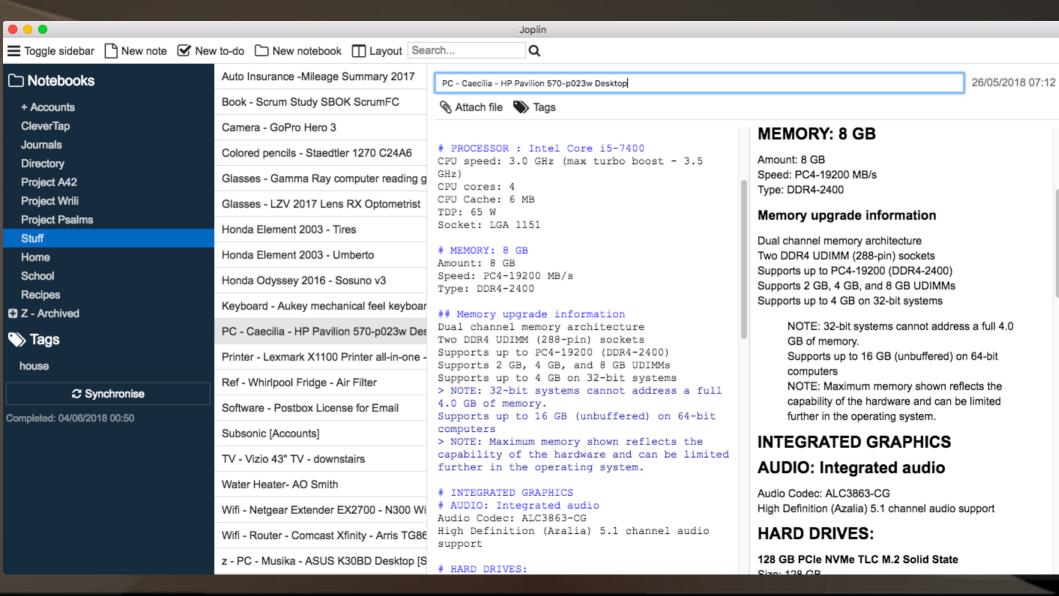
LibreOffice - Impress



LibreOffice - Base

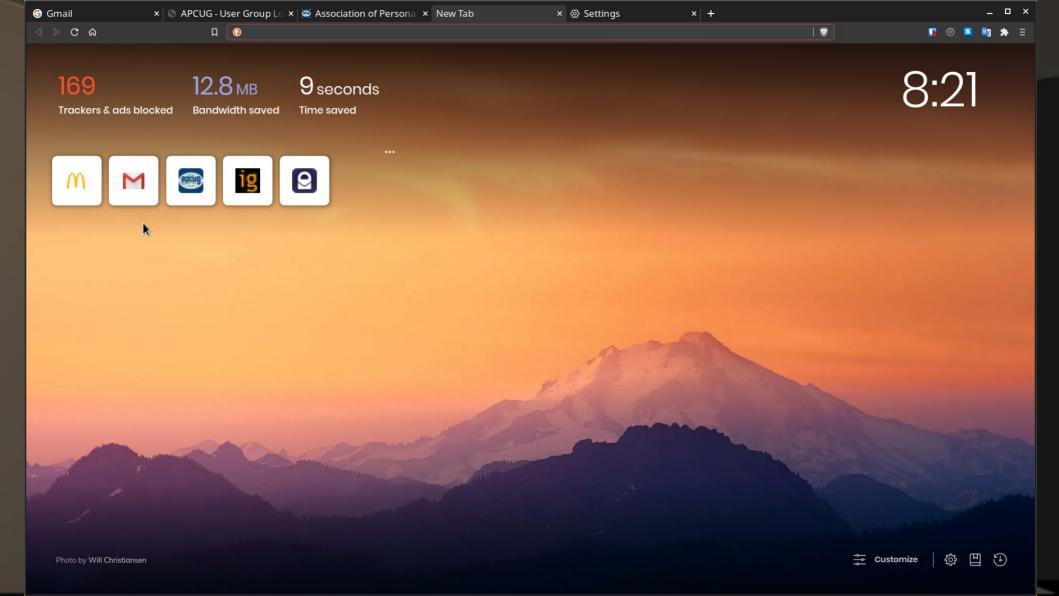


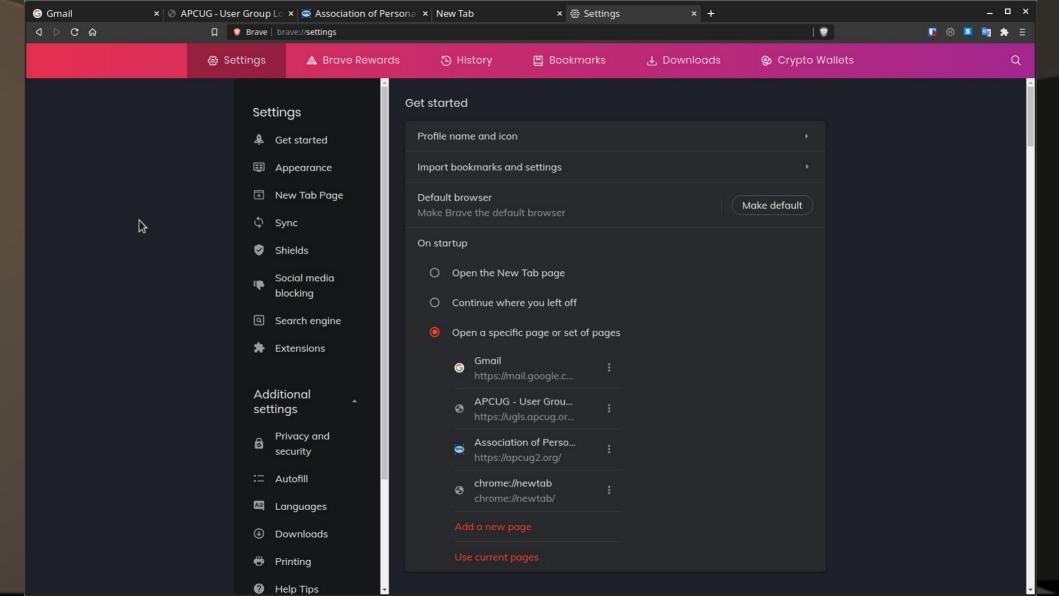
HSOI DR Embedded

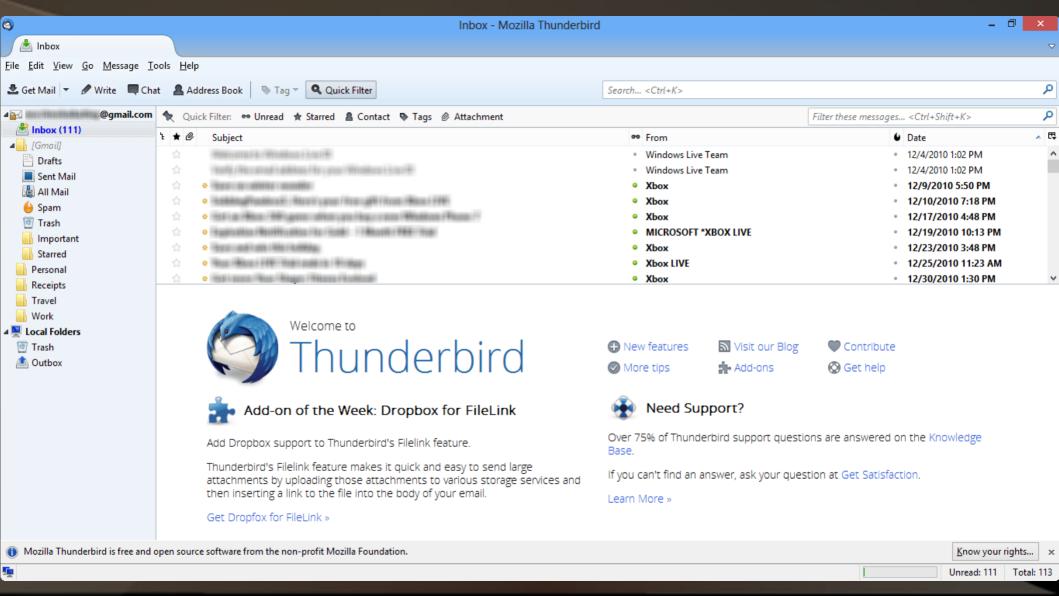


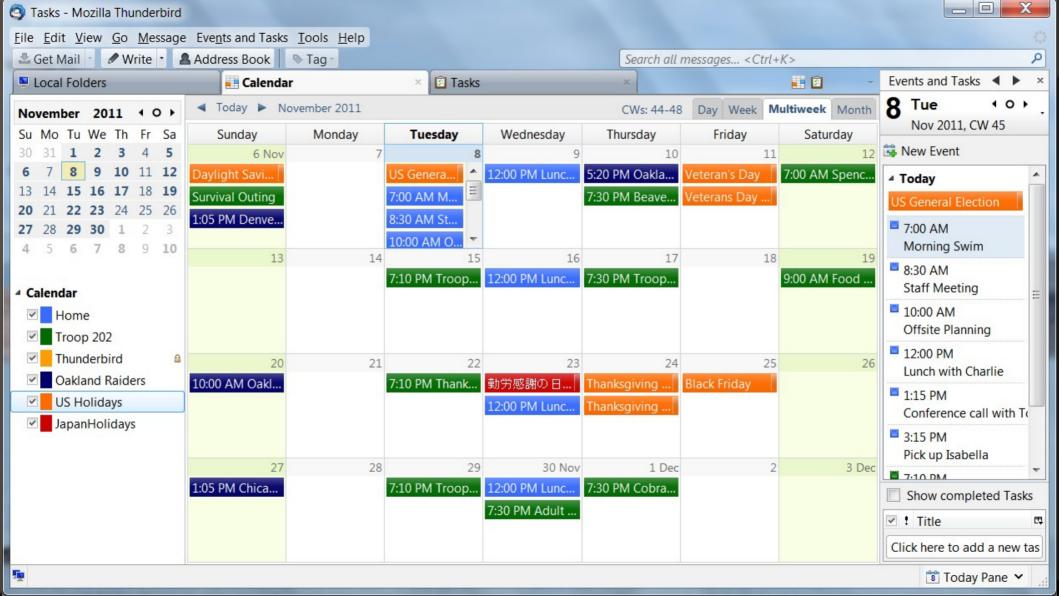
Productivity – Web browser, E-Mail

- Firefox**
- Chromium**/Brave**
- Thunderbird**+Lightning**
- Google G-mail/Calendar (web based)





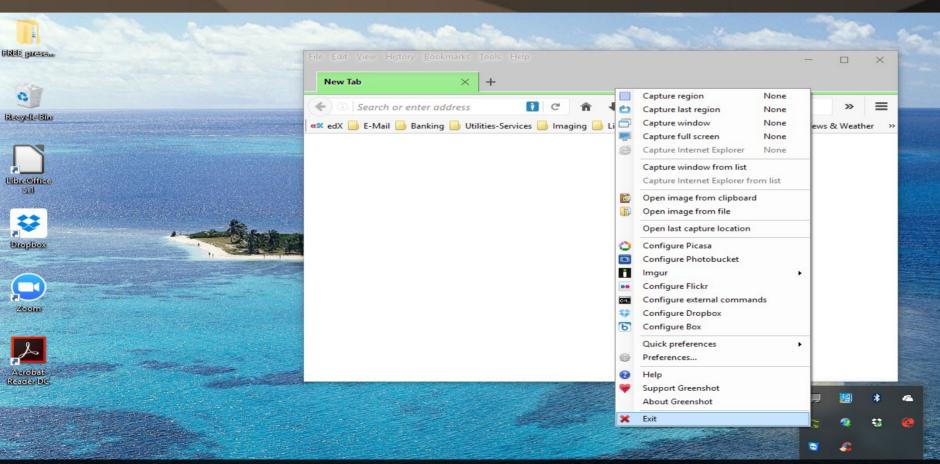




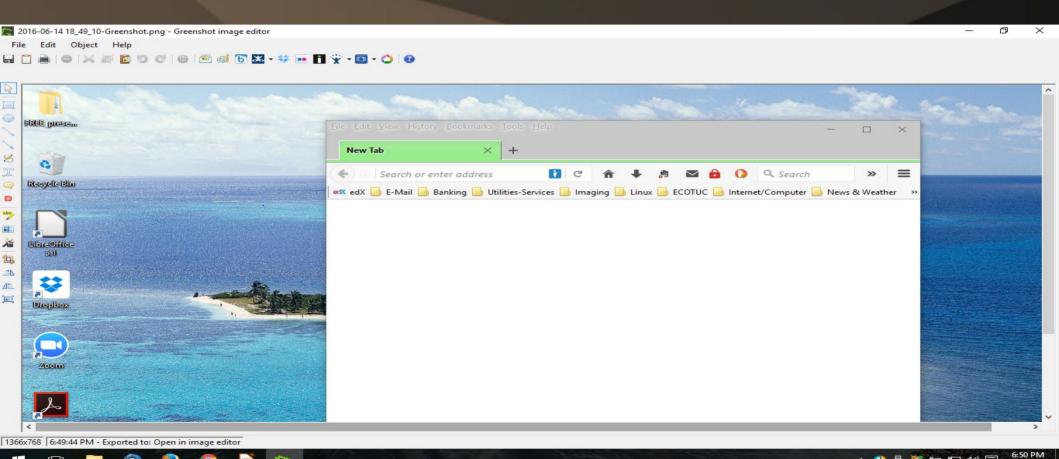
Productivity - Screen Capture

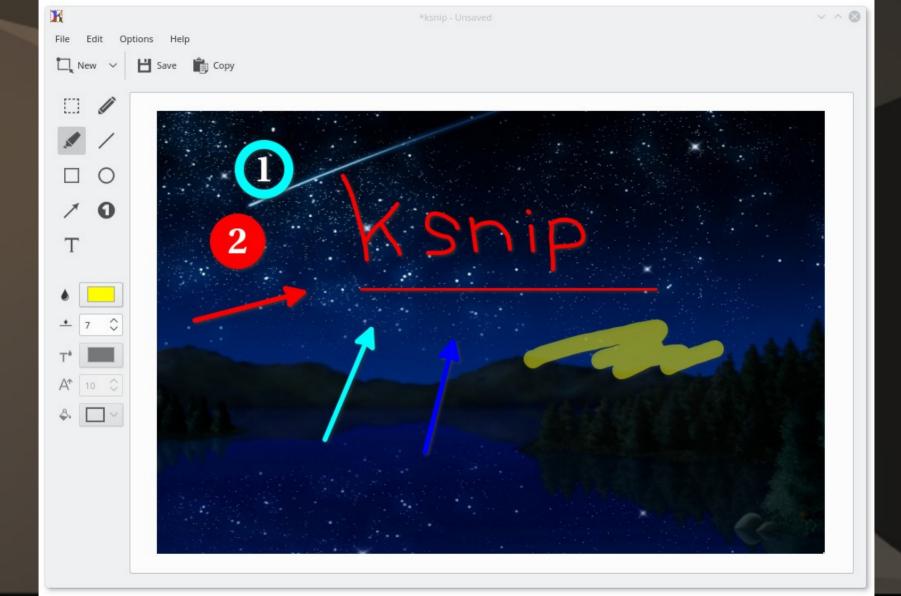
- Greenshot**
- ksnip**
- ShareX**

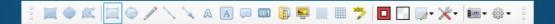
Greenshot - capture

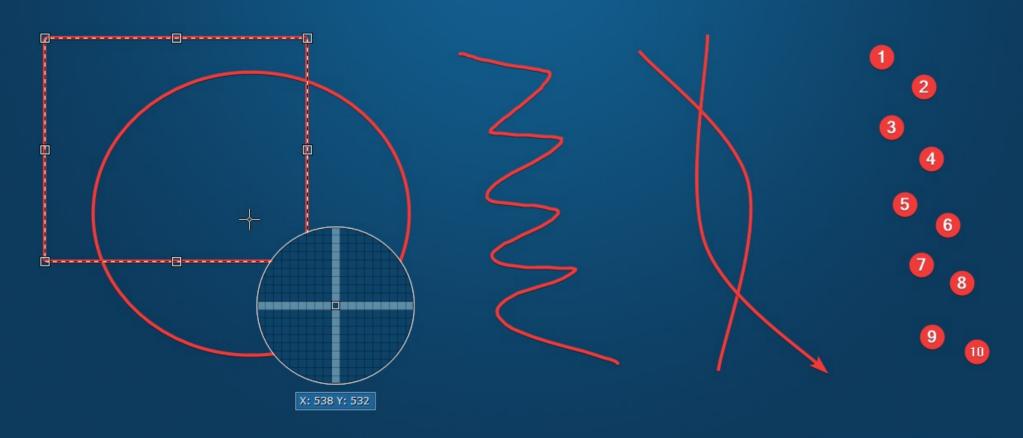


Greenshot - editing









Text with outline

Text with background

Speech balloon

Productivity - PDF tools

- LibreOffice** (each program exports as PDF)
- PDFCreator**
- Sumatra PDF**
- PDFedit**
- PDFsam- split and merge PDFs**

Multimedia

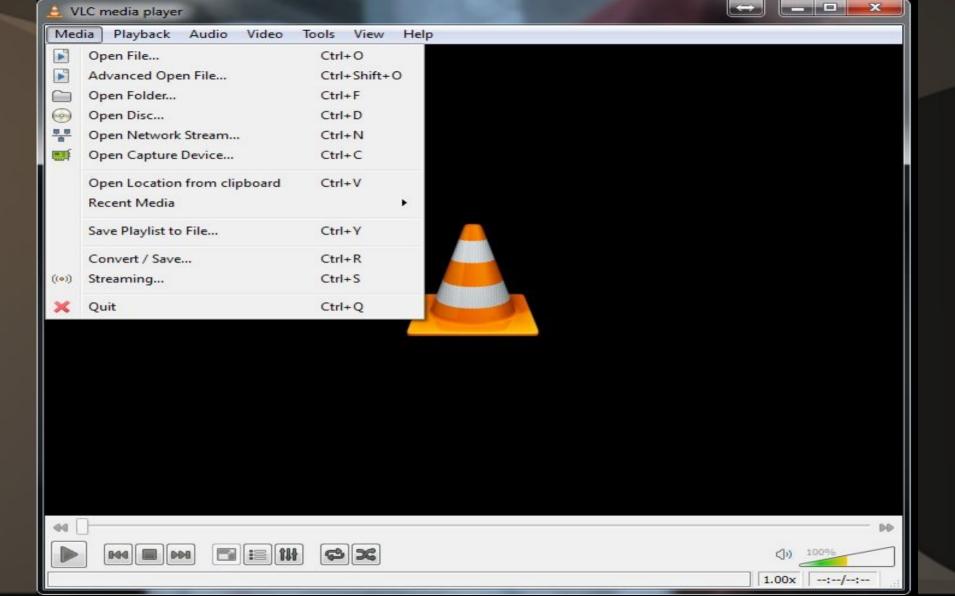
- Playing
- Editing/Recording
- Creating/Duplicating

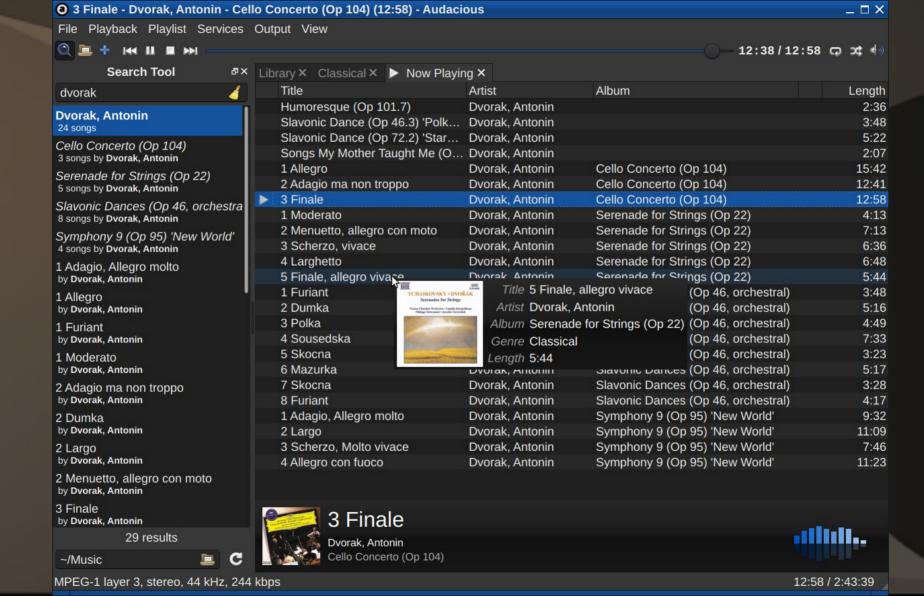
Multimedia - Player

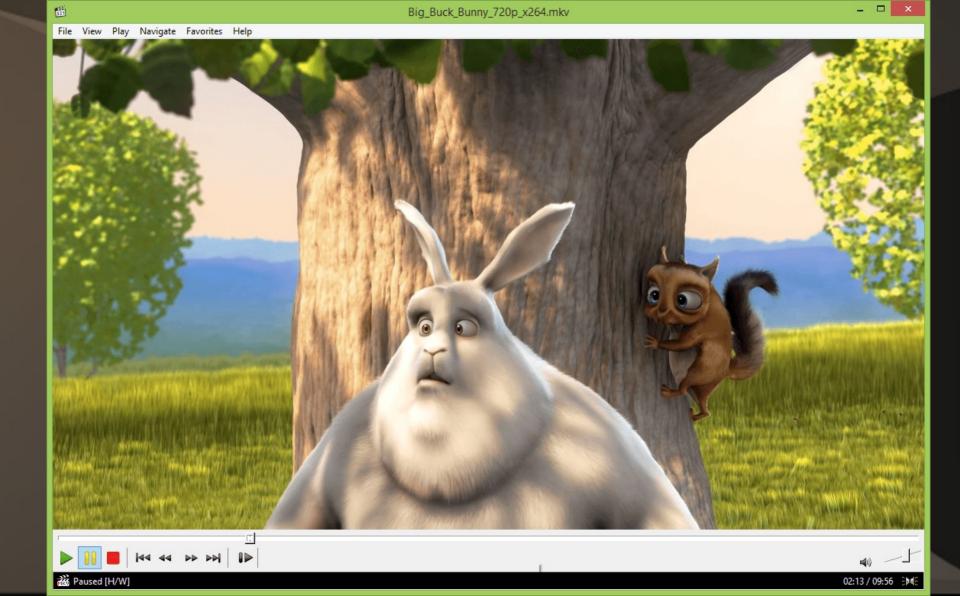
• VLC**

Audacious**

• MPC-HC**





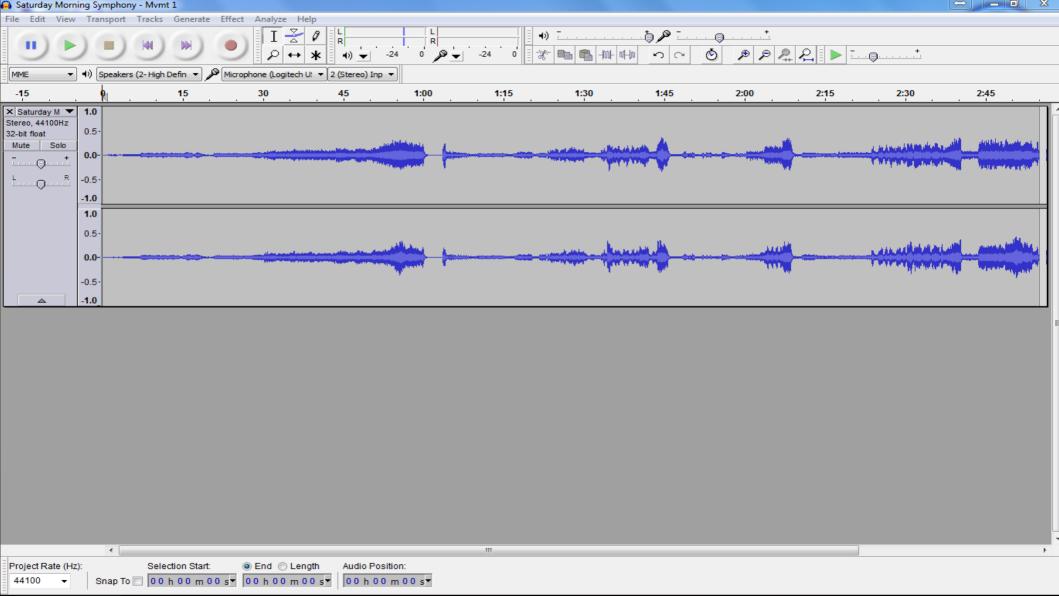


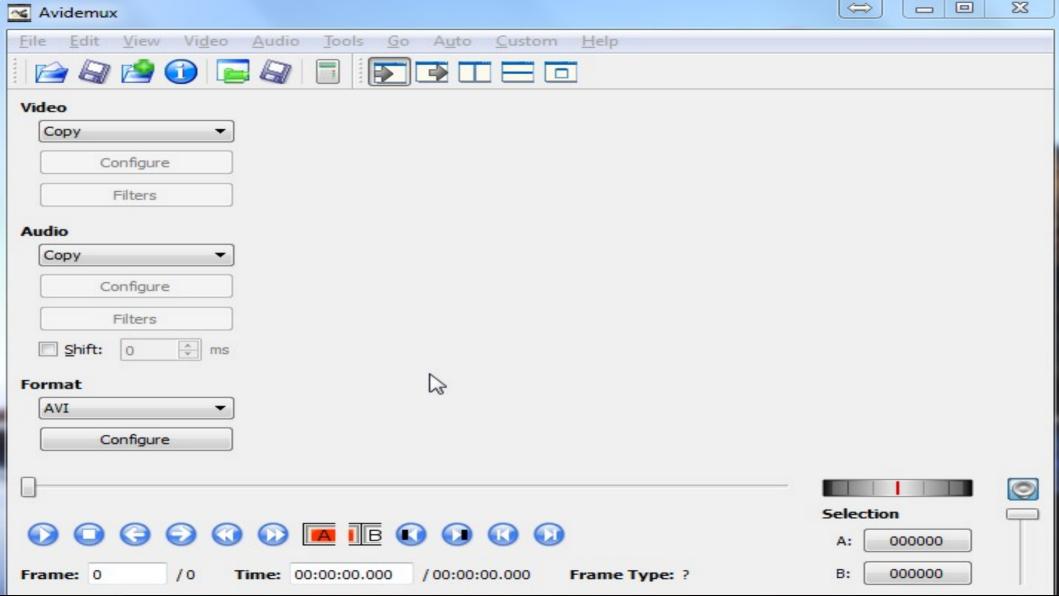
Multimedia – Editing/Recording

Audacity** - audio editing

Avidemux** - video editing

• Handbrake** - video transcoder





Multimedia - Creating/Duplicating

- CDBurnerXP**
- InfraRecorder**
- cdrtfe**
- ImgBurn**



CDBurnerXP





Data disc

Allows you to create ISO images, burn usual data discs, MP3-CDs and video discs.



Video DVD

Allows you to create video discs for use with a DVD player.



Audio disc

Allows you to create usual audio discs, with or without gaps between the tracks.



Burn ISO image

Allows you to burn ISO files to disc.



Copy or grab disc

Allows you to copy audio and data discs.



Erase disc

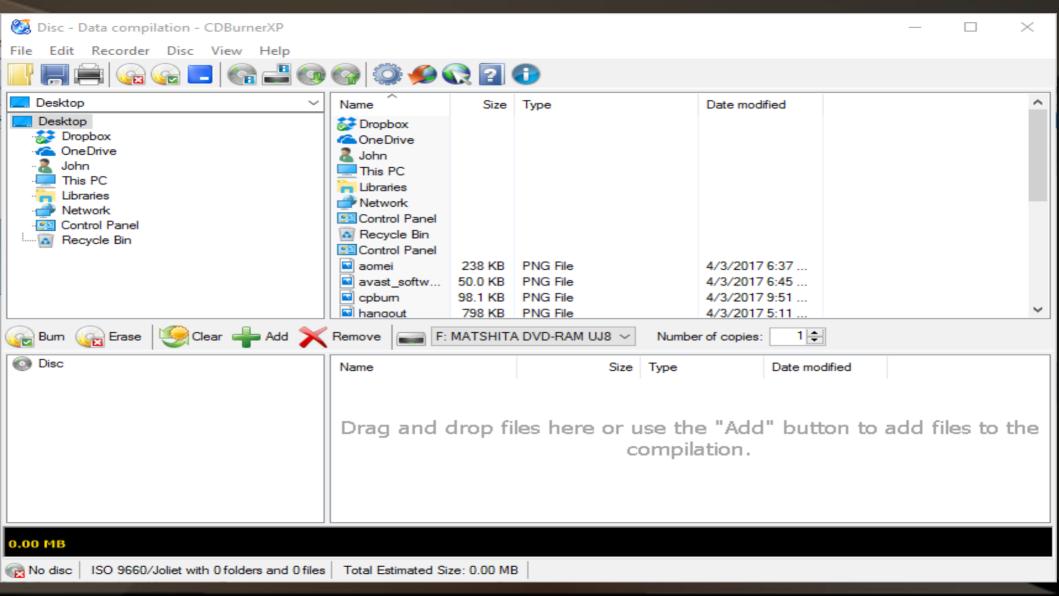
Allows you to remove all contents from a rewritable medium.

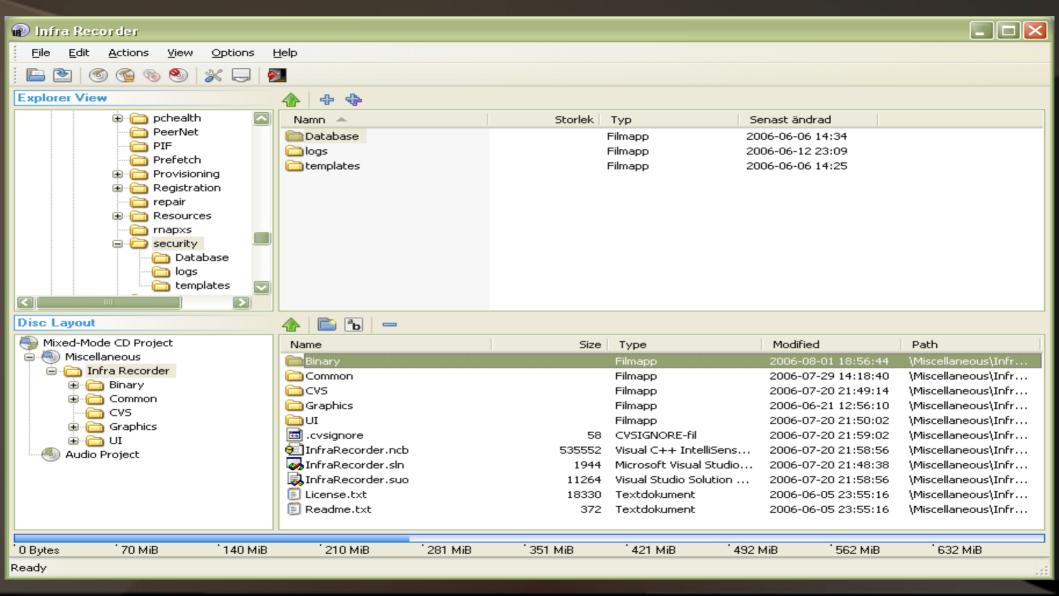
Open...

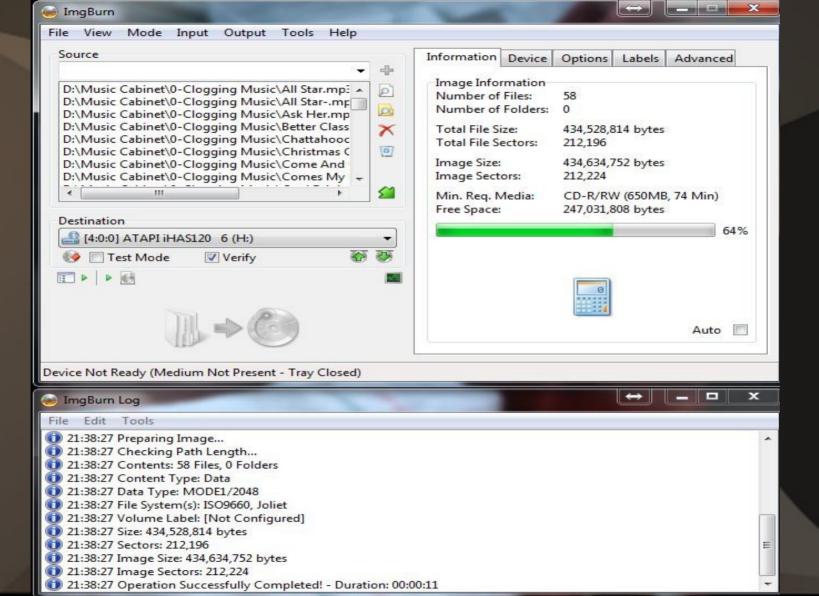


OK

Exit



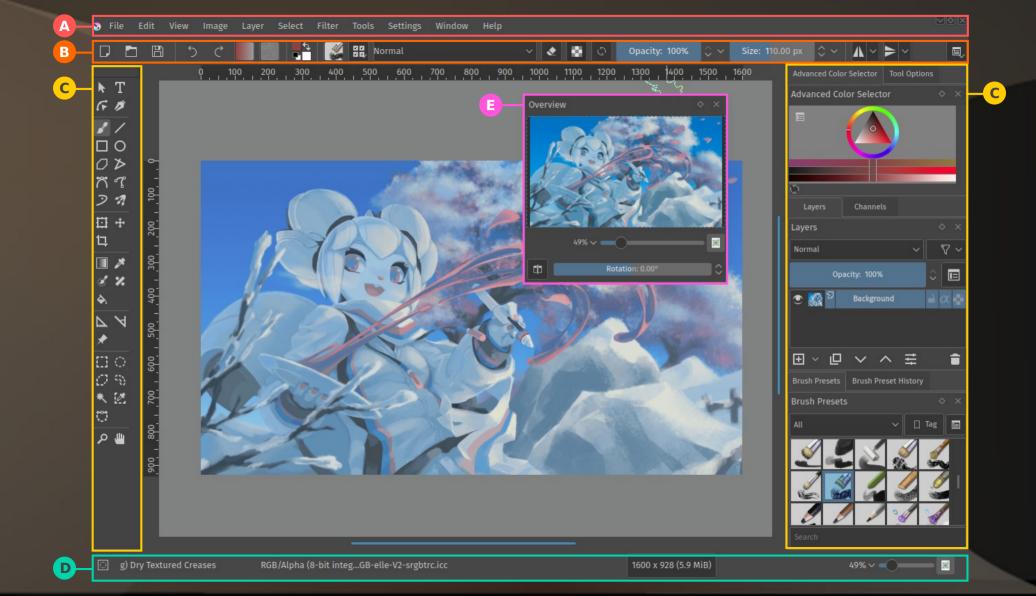




Graphics - Photo Editor

- G.I.M.P. **
- Inkscape**
- Krita**
- Darktable**





Misc. Utilities

- 7Zip** (file copressing)
- VirtualBox** (virtual OS creating)
- FileZilla** (FTP file transfer)
- WinDirStat** (k4dirstat Linux)

That's about it!

Are there others? - Yes, Check out:

https://osalt.com https://alternativeto.net/ https://www.techsupportalert.com/

for lots more recommendations for free software.

Thank you for allowing me to share my ideas on "free software" with you. • Please feel free to contact me with questions, comments, suggestions or even better -- more free software that you've found:

jakenn2008@gmail.com