Free Software and

Alternatives to Free Software

Presentation for the:

Central Florida Computer Society



June 13, 2021 3:00 p.m.

Presented by:

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Presented by:

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freejohn@protonmail.com



Proud Member of the Speaker's Bureau and APCUG Regional Advisor For Regions 3/6

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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.

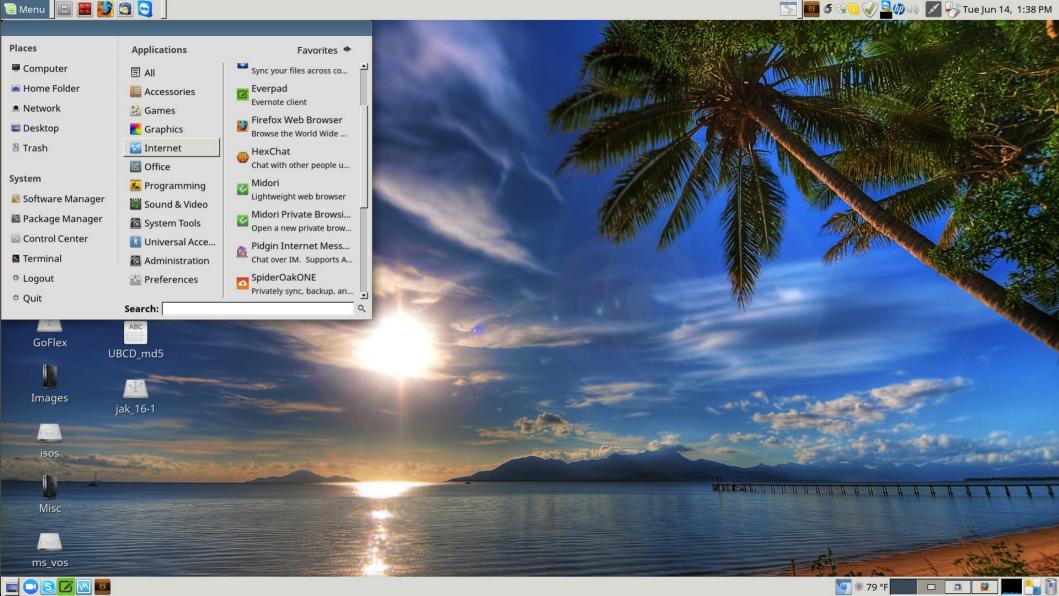
My Areas of Computer Needs

- 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

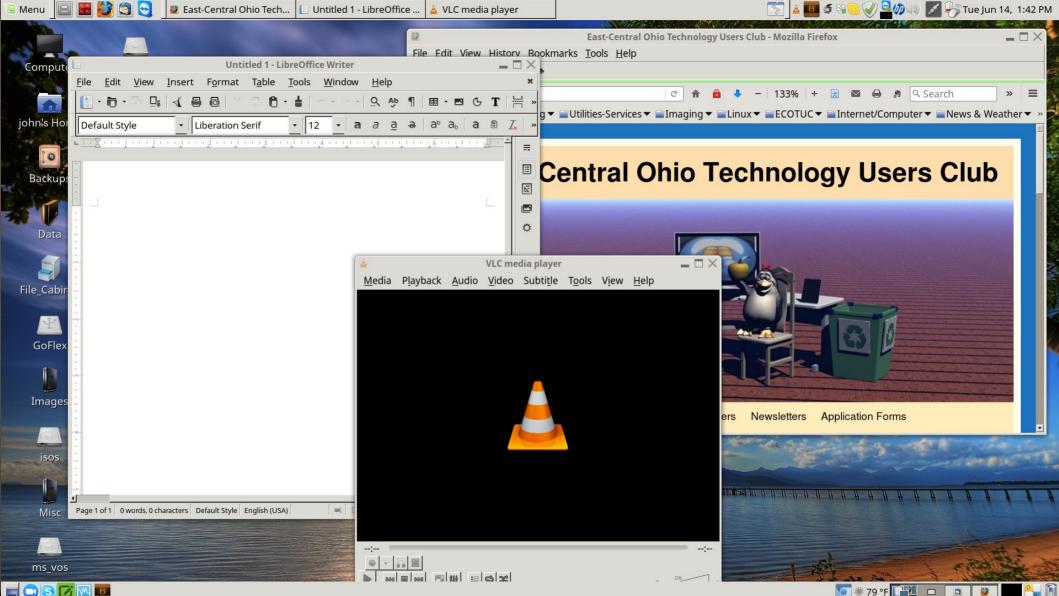
- Heart/Brains of it all
- Graphical desktop
- Lots of applications
- FOSS = LINUX**

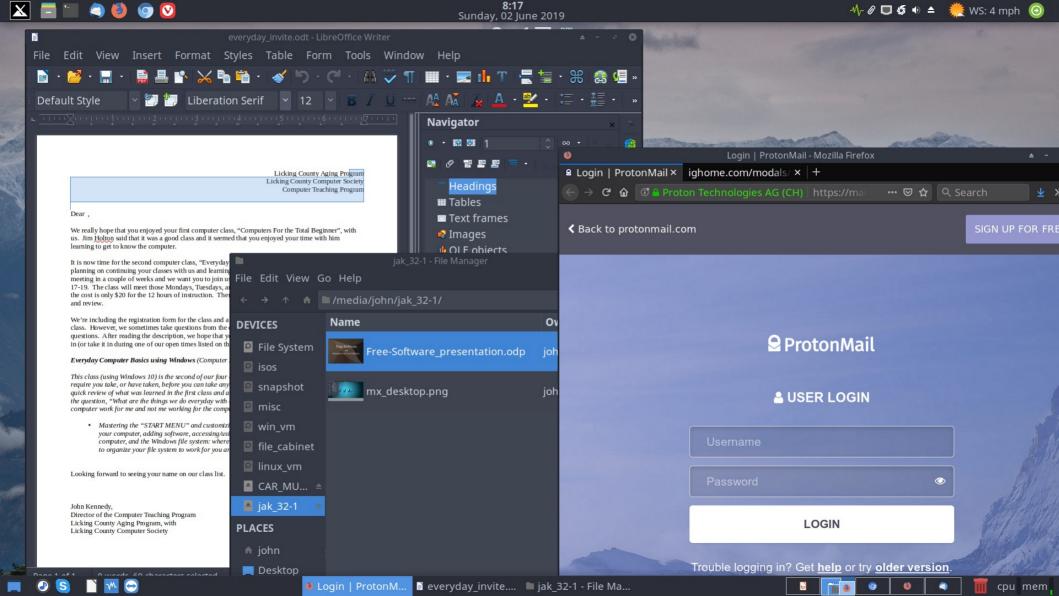






cpu mem



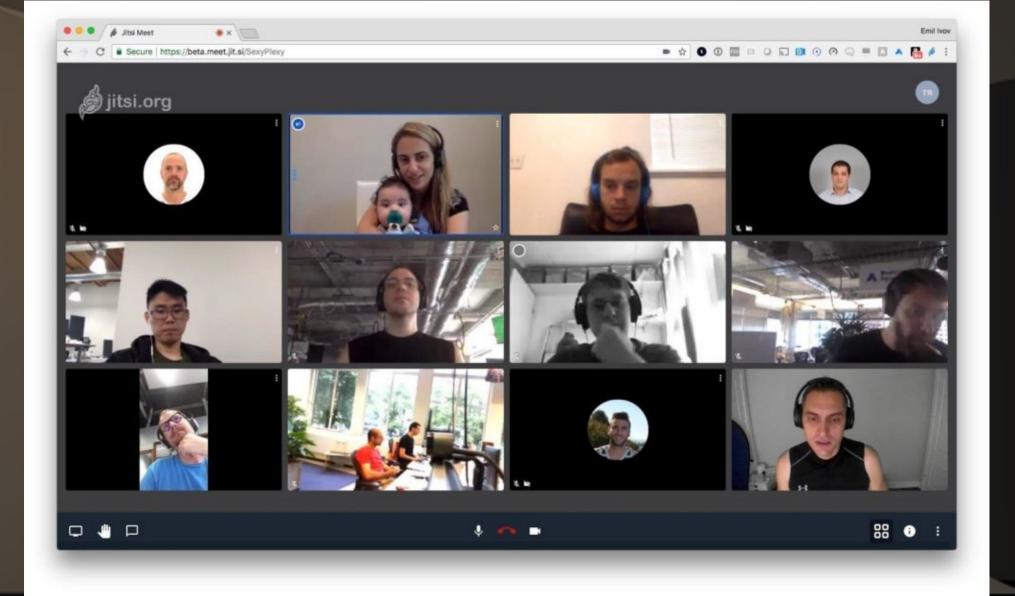


Tech Trouble/Assisting and Communicating

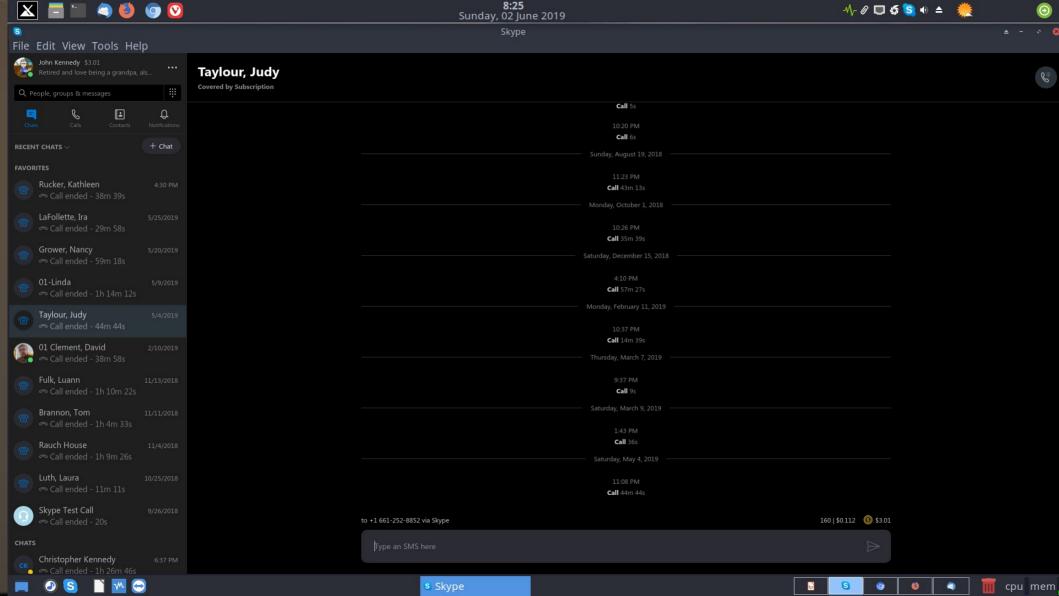
- being able to help others with their tech problems
- being able to assist remotely and see what's going on (or not going on)
- being able to just communicate

Tech Assistance - Talk

- Jitsi** voice/video/desktop sharing
- Zoom voice/video/desktop sharing;
 with limitations
- Skype voice/video/files/ desktop sharing; computer to computer

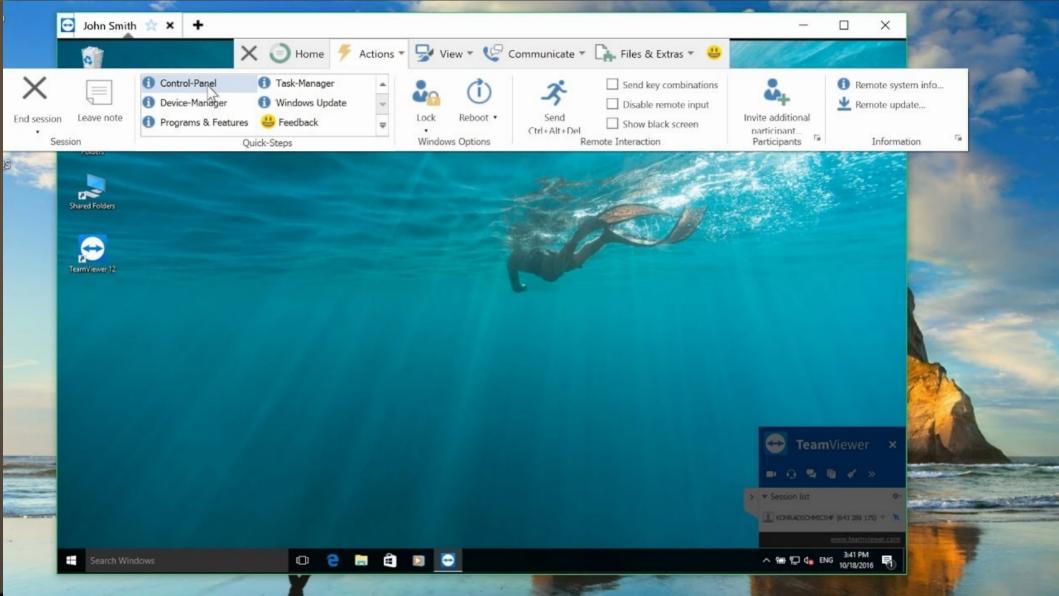


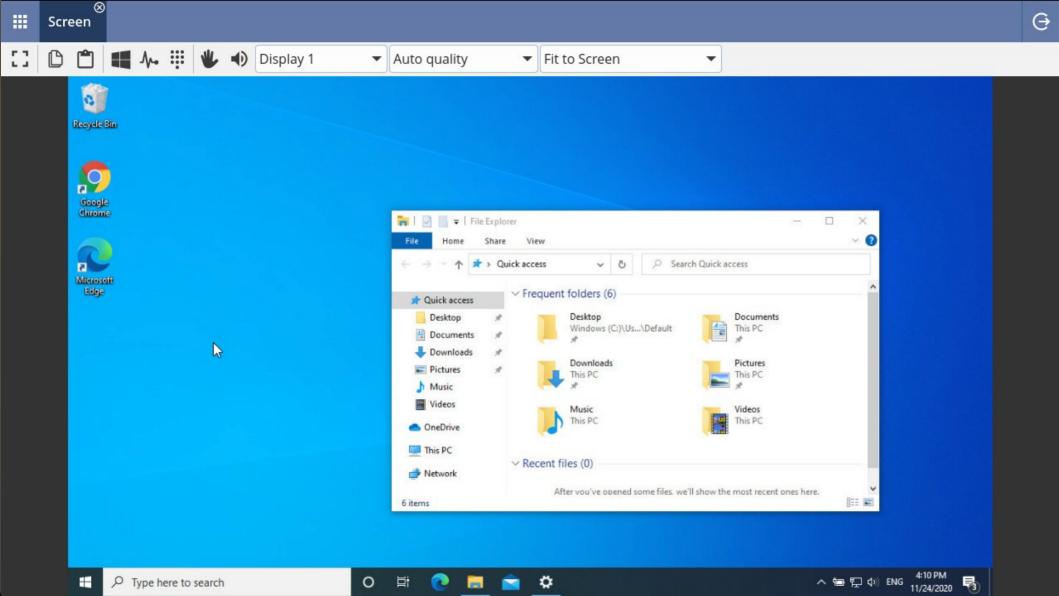


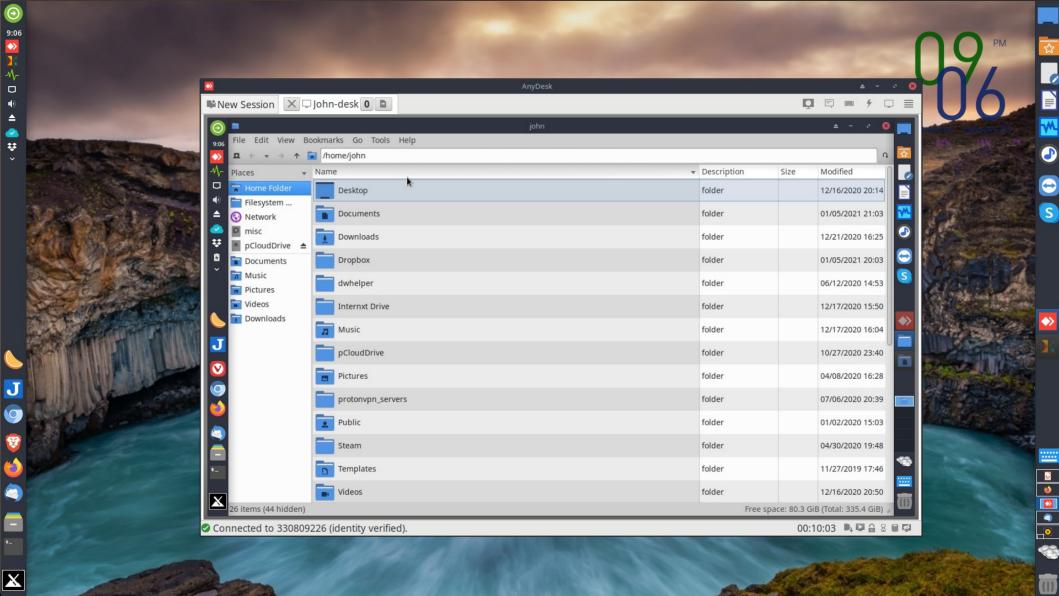


Tech Assistance – Remote Access

- Teamviewer ?sliding down
 - -Skype audio
- DWService** (web based)
- AnyDesk ?rising to the top







Protection

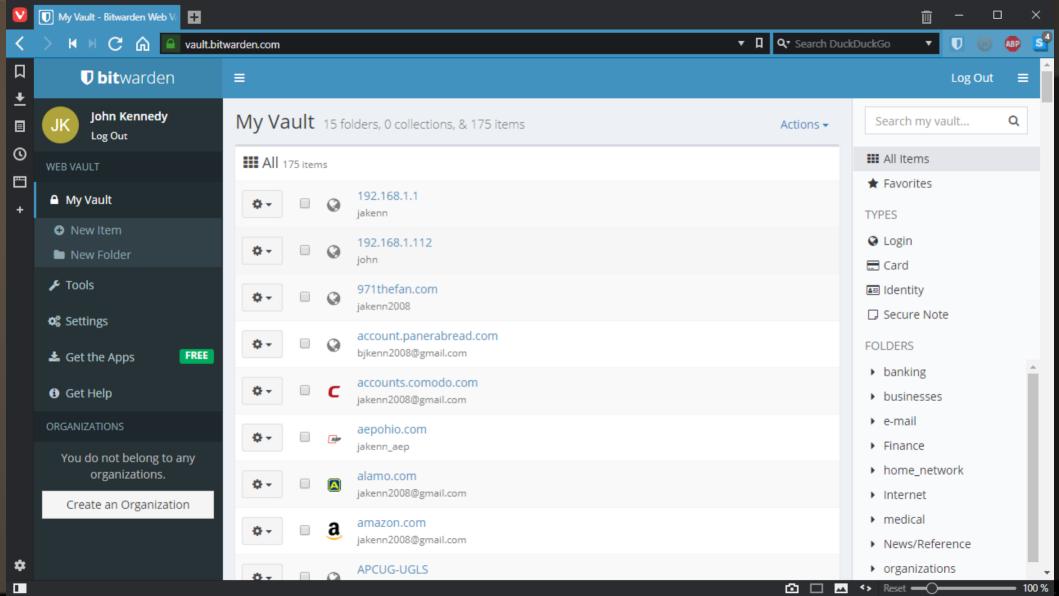
- Password/Bookmark Managers
- Anti-virus
- Spam/Adware
- · Clean-up/Remove/Update
- Backup/Restore

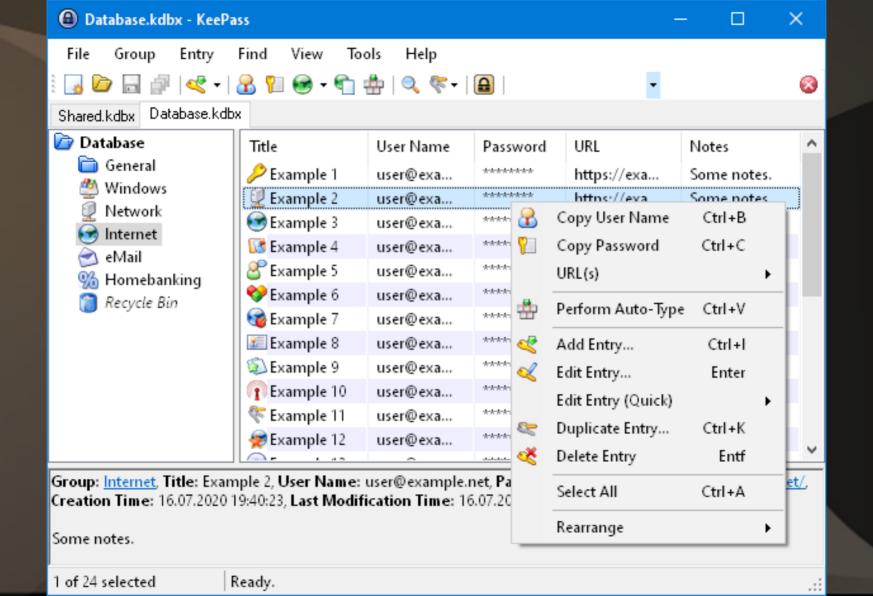
Password Managers

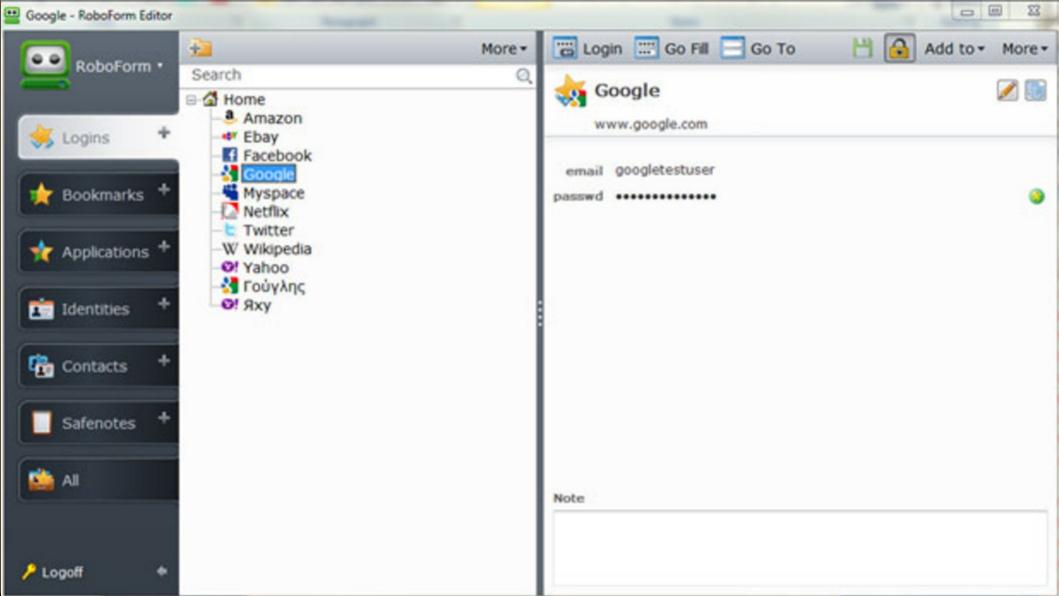
• Bitwarden**

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

· Roboform, LastPass, Dashlane

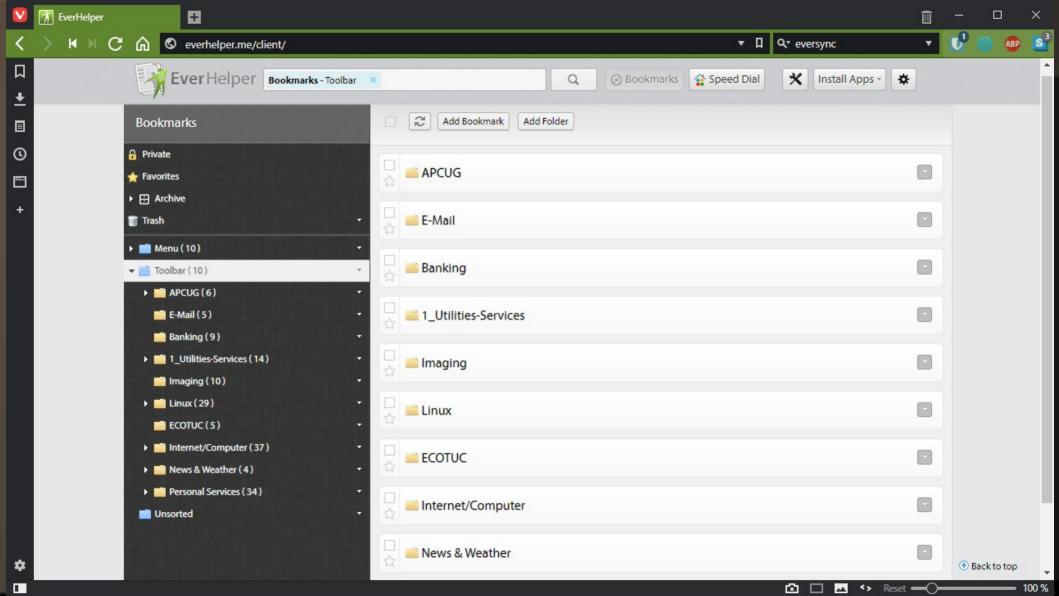


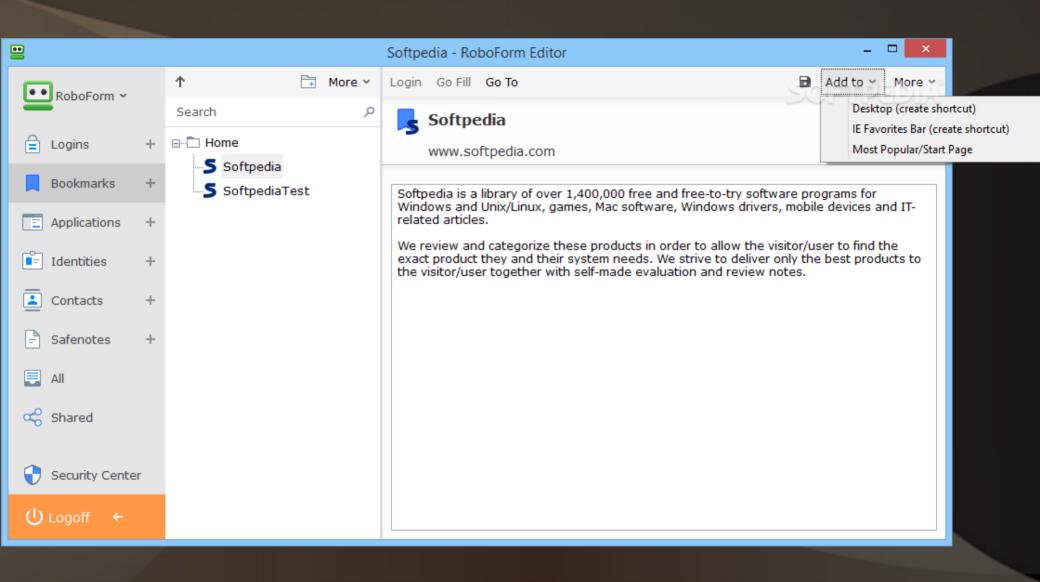




Bookmark Managers

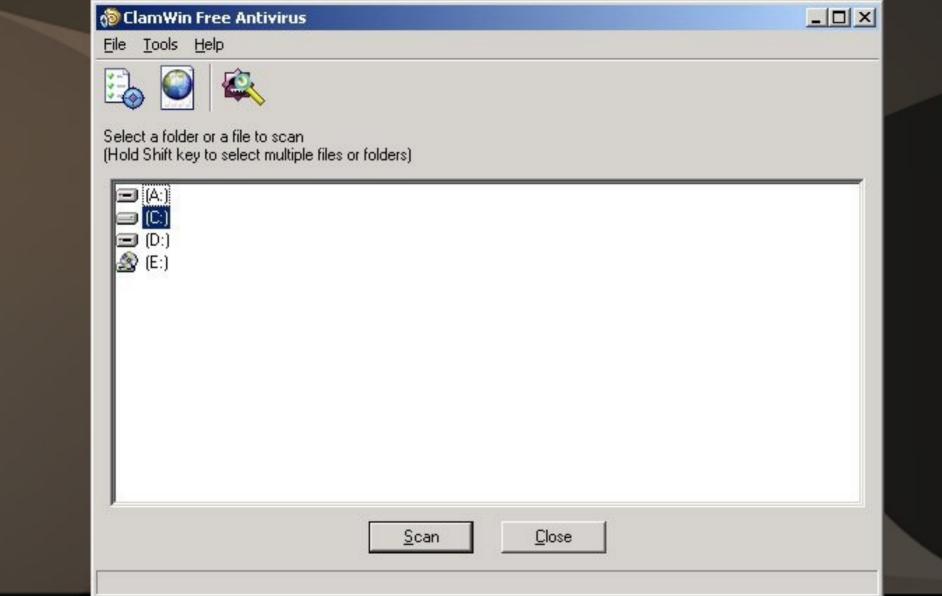
- EverSync(web based)**
- Browser based
- Roboform

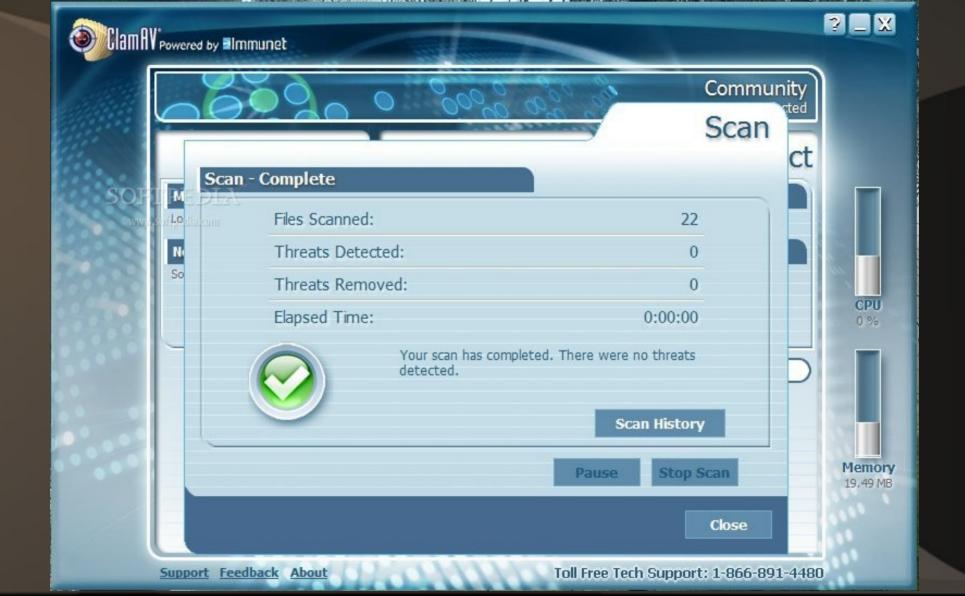


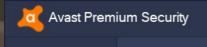


Protection - Antivirus

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

















Status



Virus Scans

Find and plug all the cracks in your security which allow malware to slip in — from unsafe settings and passwords to suspicious add-ons and outdated software.

RUN SMART SCAN

Rescue Disk Scan history



Protection

Privacy





Performance



SCAN NOW

Full Virus Scan

Scan your entire PC from top to bottom



SCAN NOW

Targeted Scan

Scan specific folders or external drives



OPEN NOW

Boot-Time Scan

Scan for threats before Windows starts up



OPEN NOW

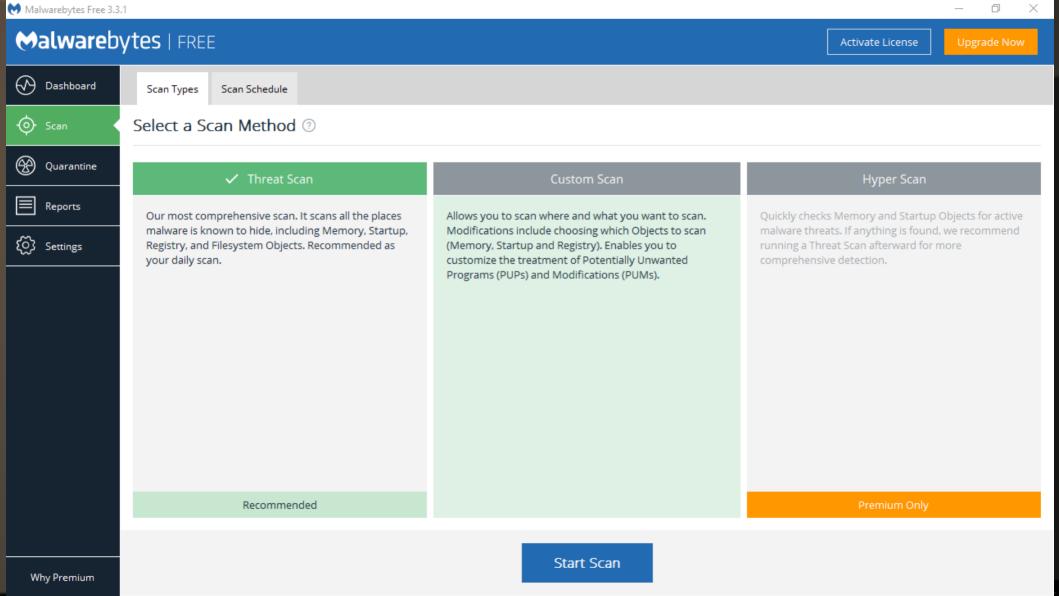
Custom scans

Create your own scans

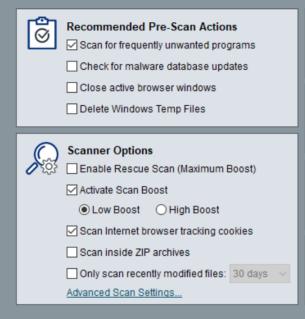
Protection – Spam/Spyware/Malware

:(

- 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

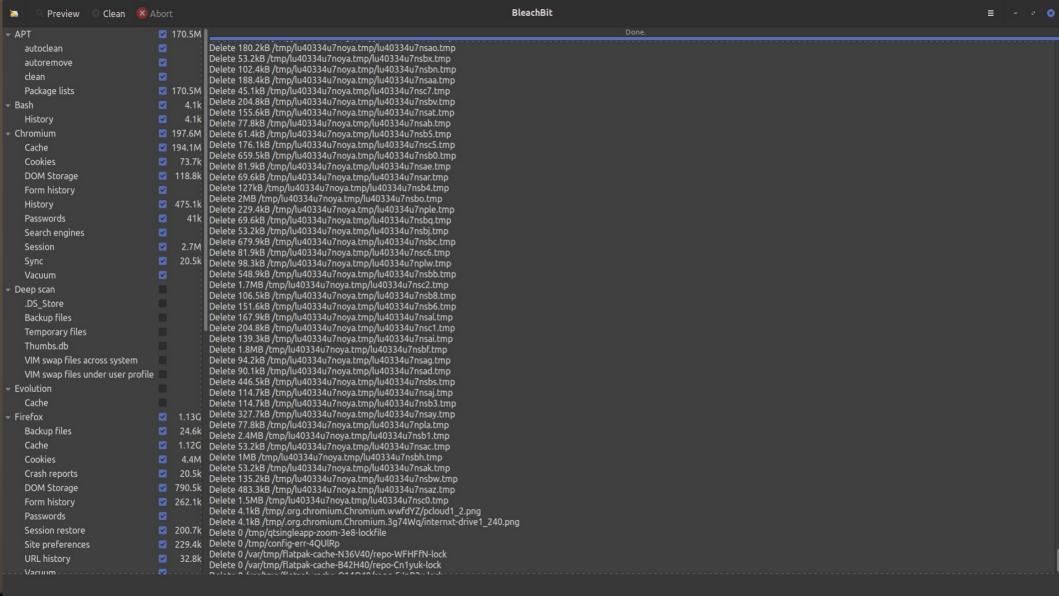


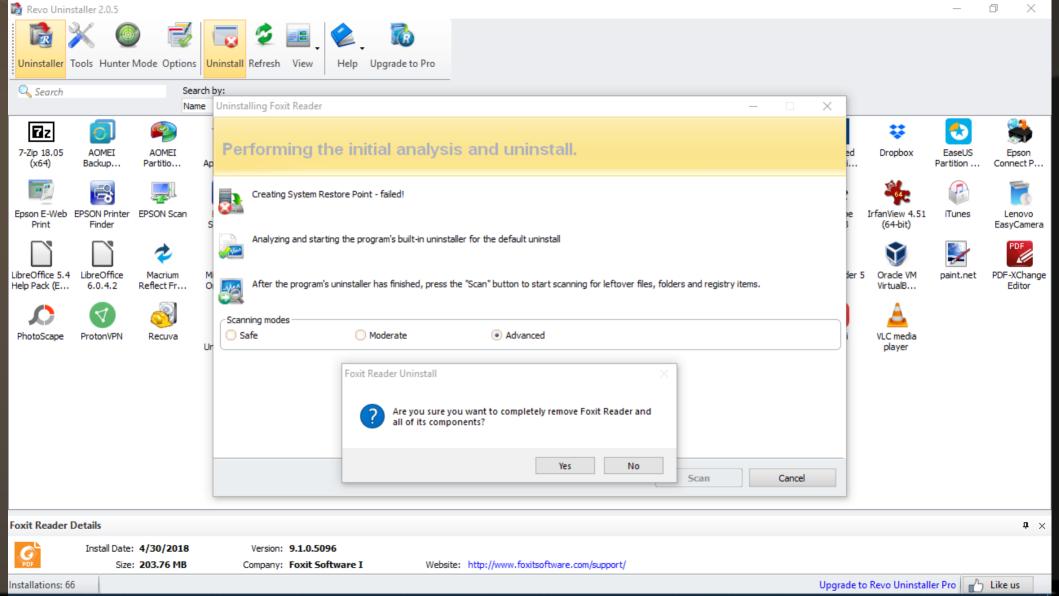
Custom Scan

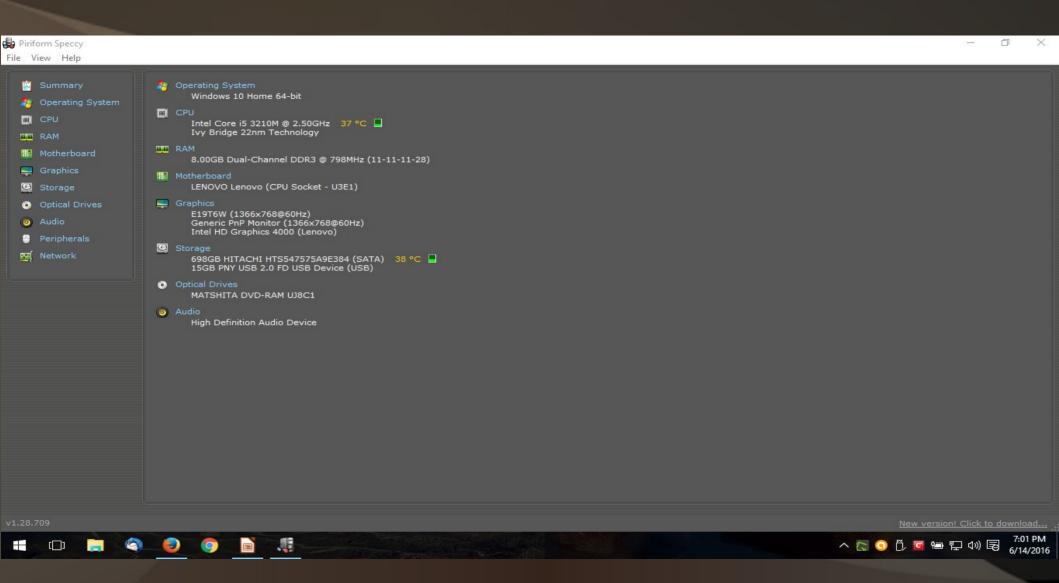
Scan user selected system locations

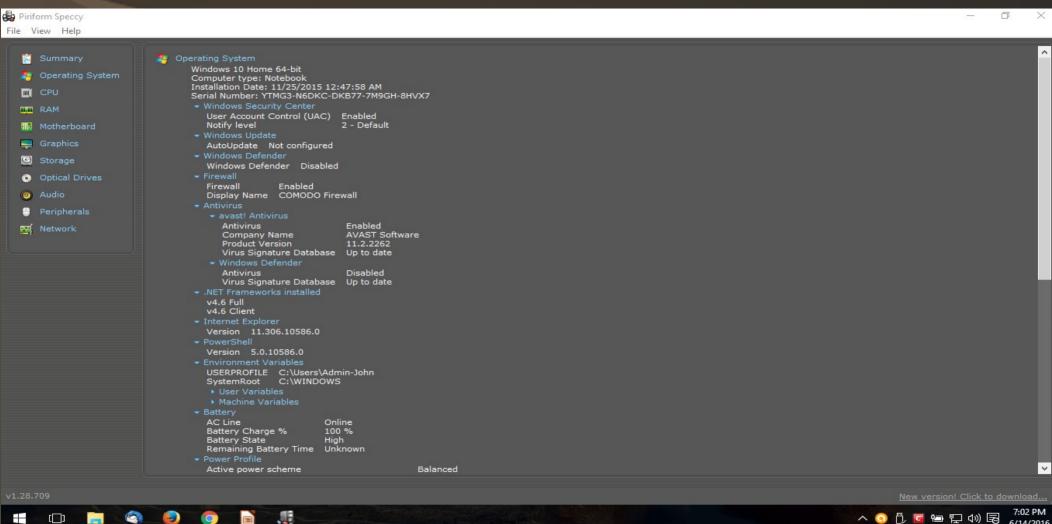
Protection – Clean Up/Removal/Update & Information Gathering

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







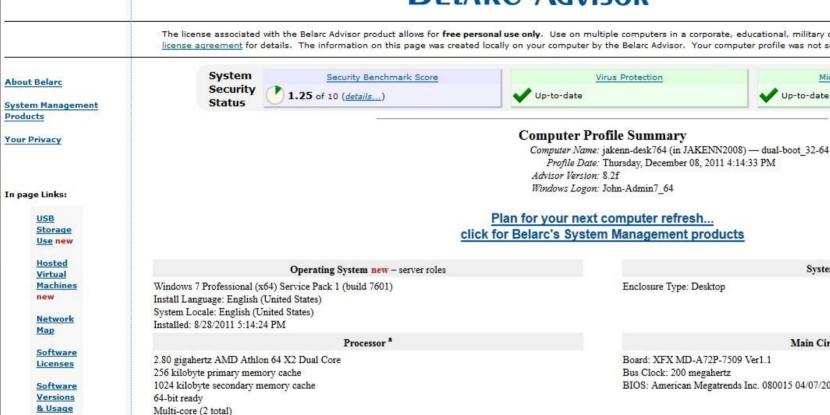


6/14/2016



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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

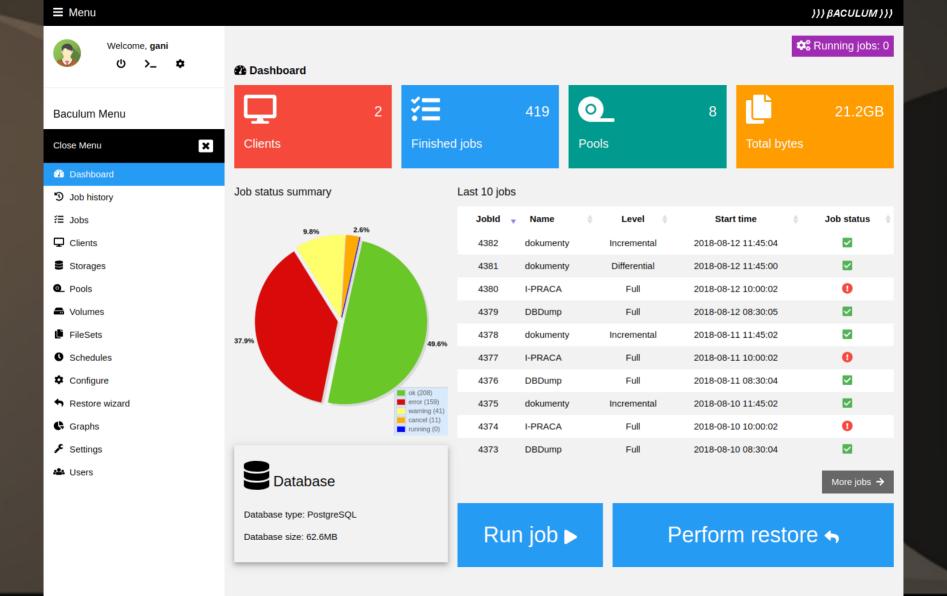
Main Circuit Board b

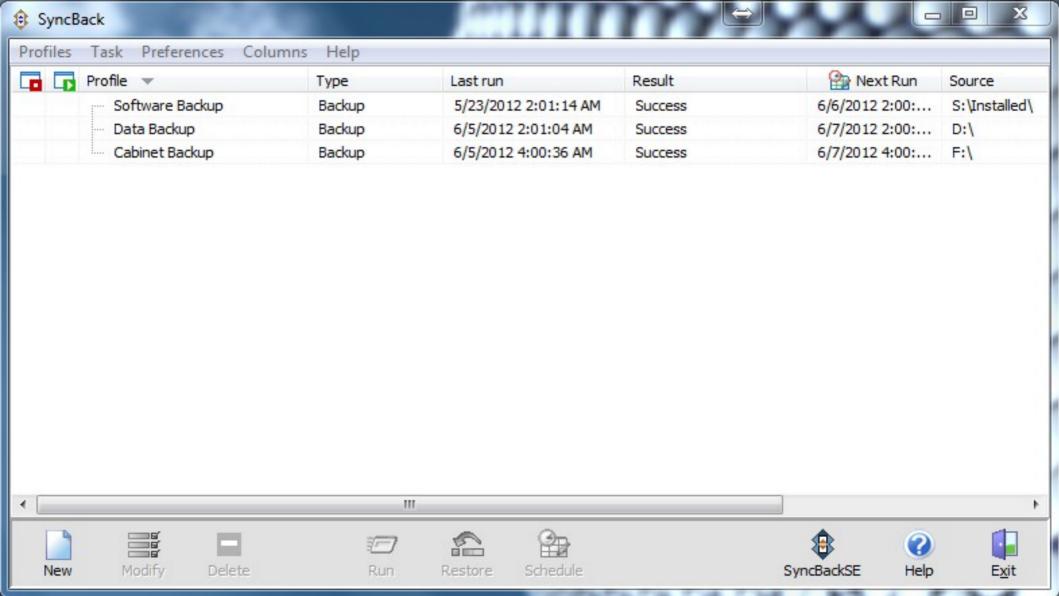
Microsoft Security Updates

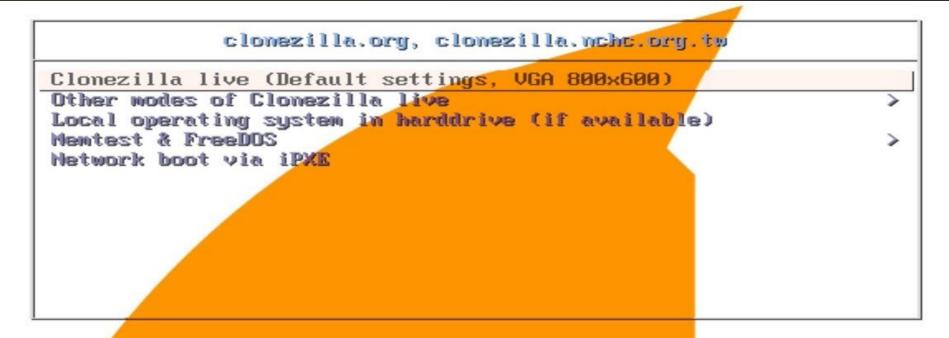
Up-to-date

Protection – Backup/Restore

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







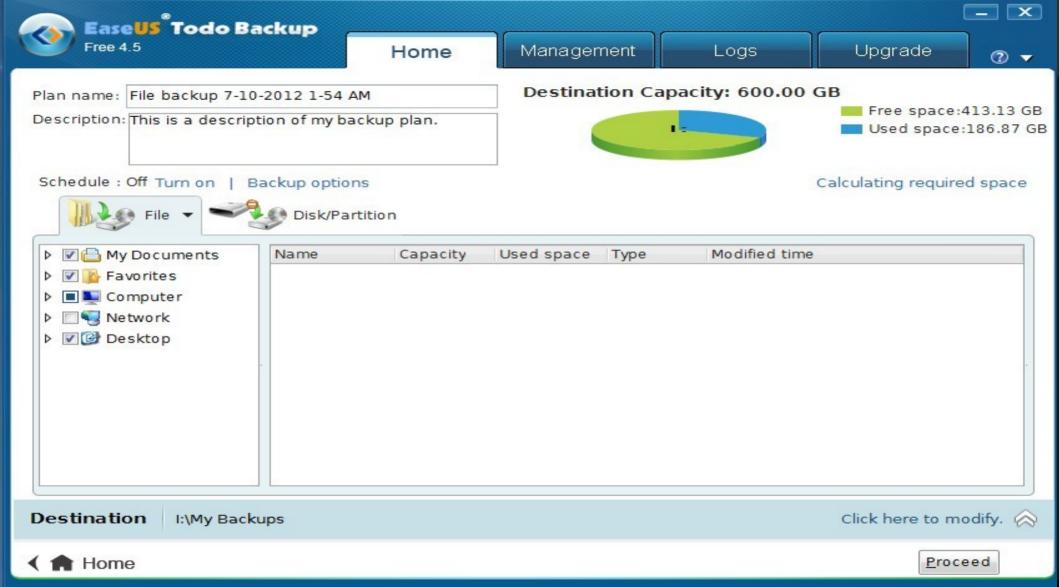
Press [Tab] to edit options

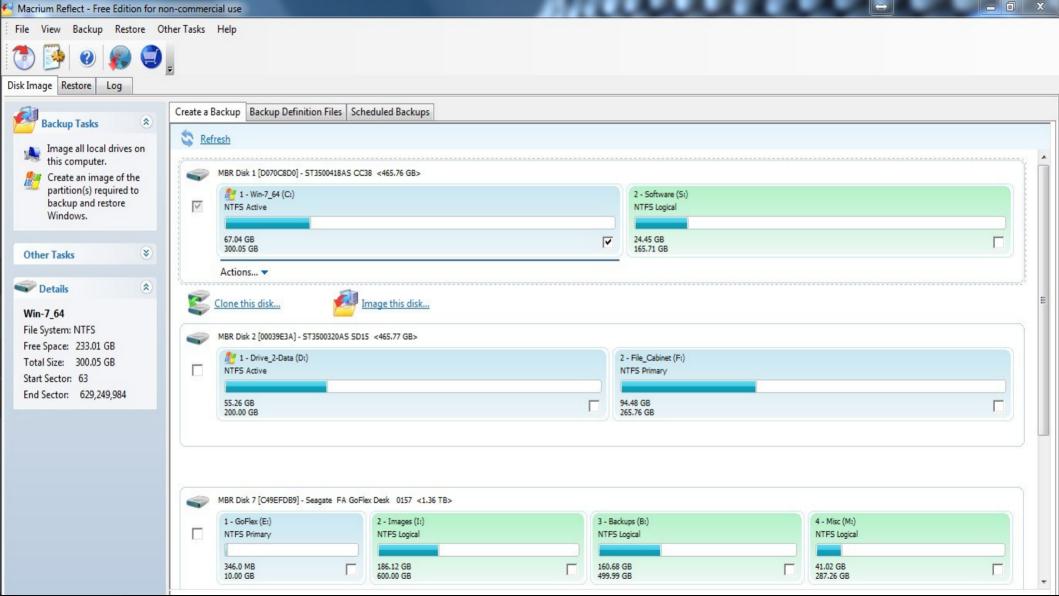
* Clonezilla live version: 2.1.1-25-amd64. (C) 2003-2013, NCHC, Taiwan

* Disclaimer: C.



Free Software Labs Taiwan

















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

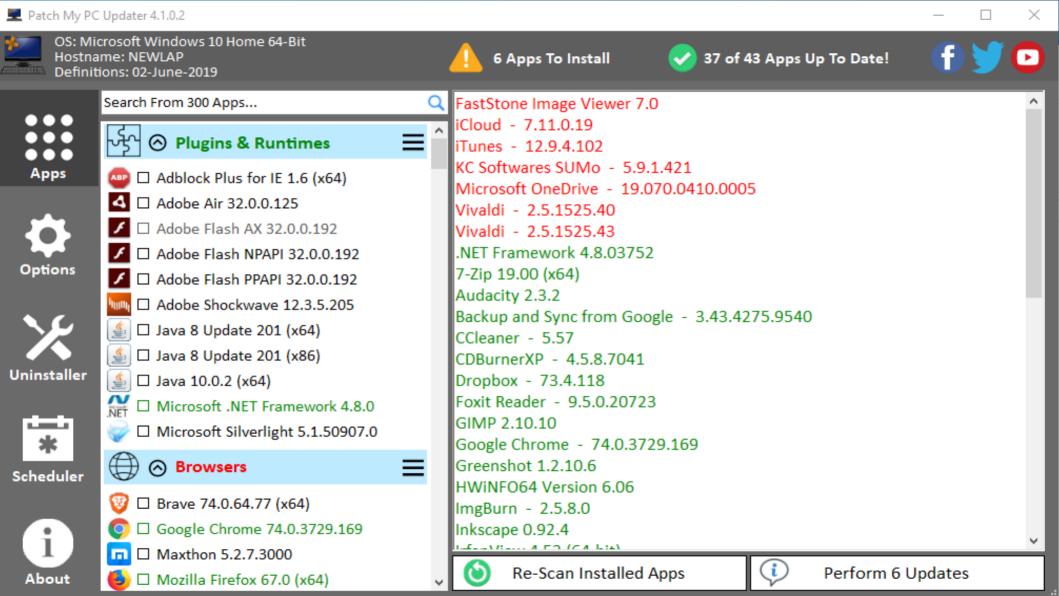
Easily backup files and folders to an image file.

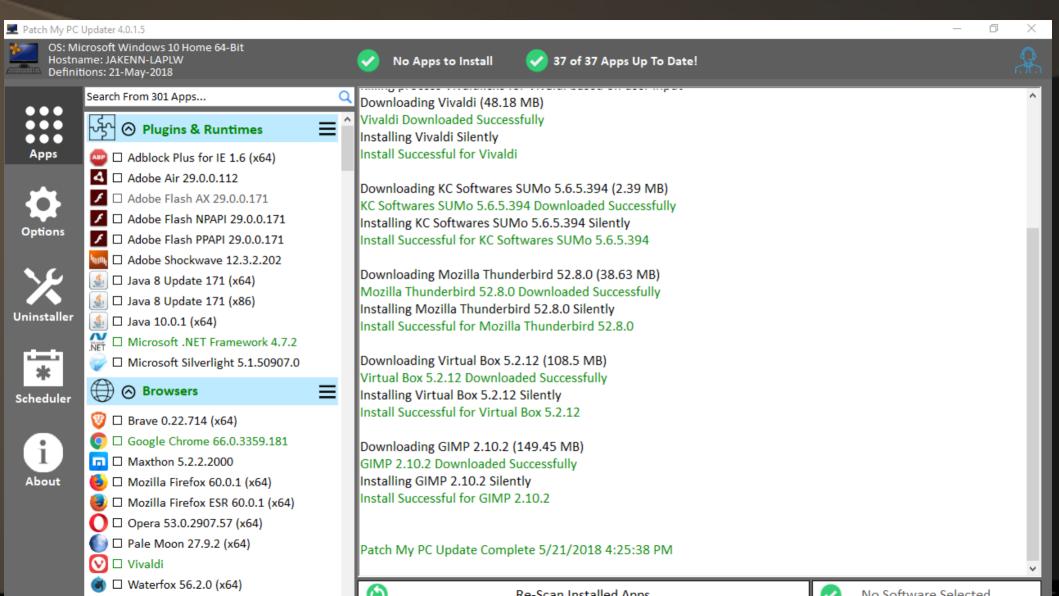
Software Easy Downloading and Keeping Up to Date

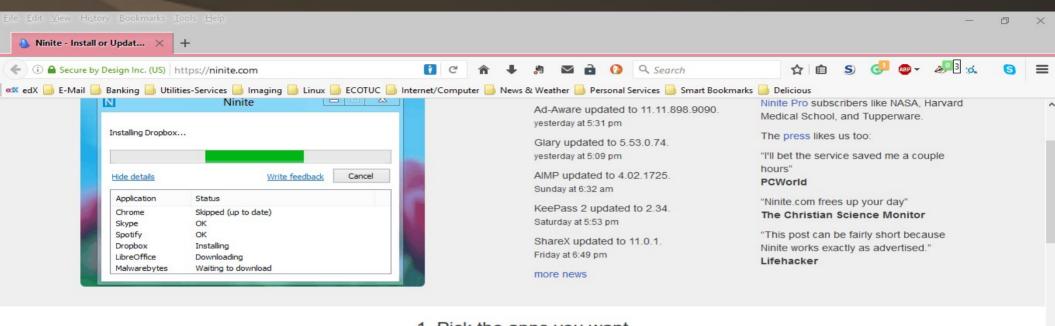
PatchMyPC

NiNite

Avast

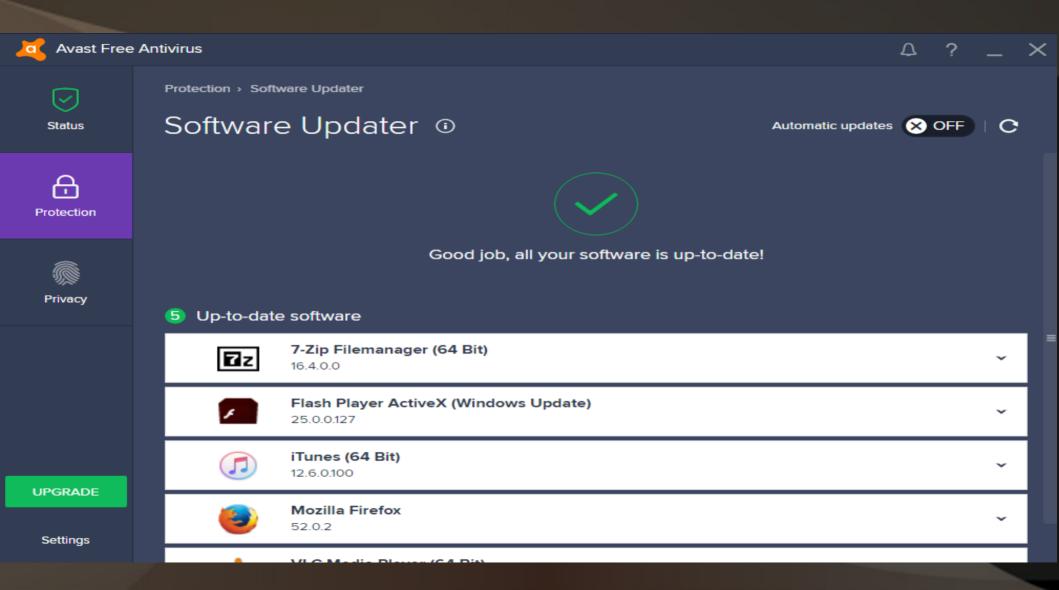






1. Pick the apps you want





Productivity

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

Productivity – Text documents, Spreadsheet, Presentation

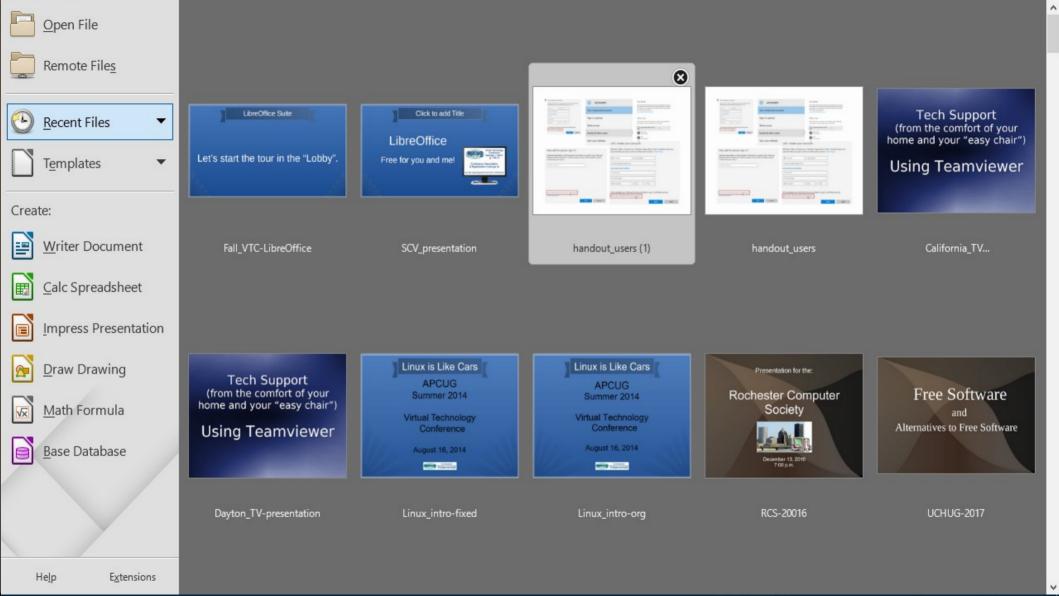
LibreOffice**

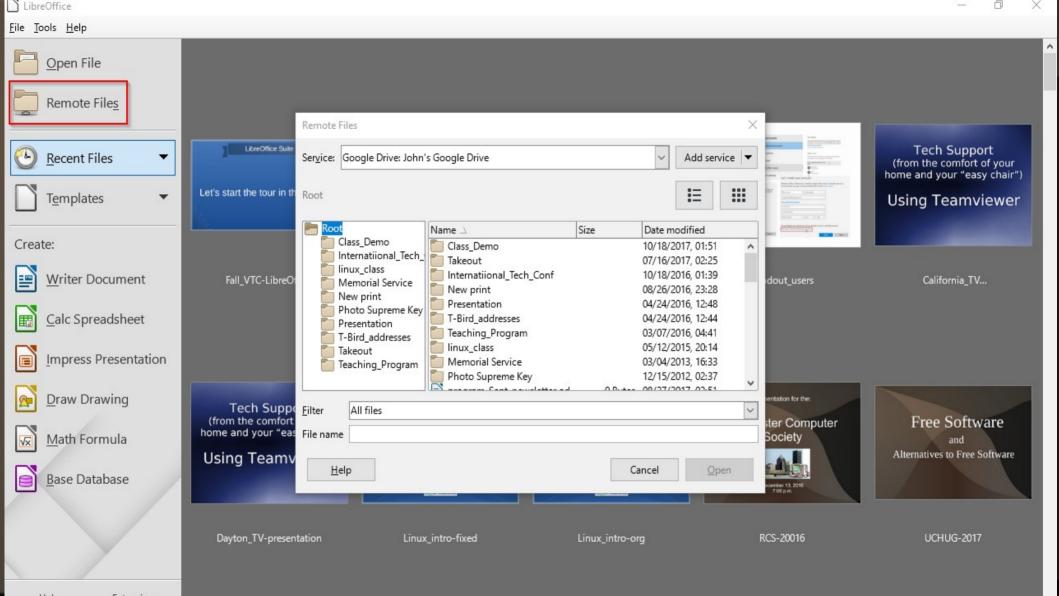
- Writer word document
- Calc spreadsheet
- Impress presentation maker
- Base database

Joplin** – note taking, web based

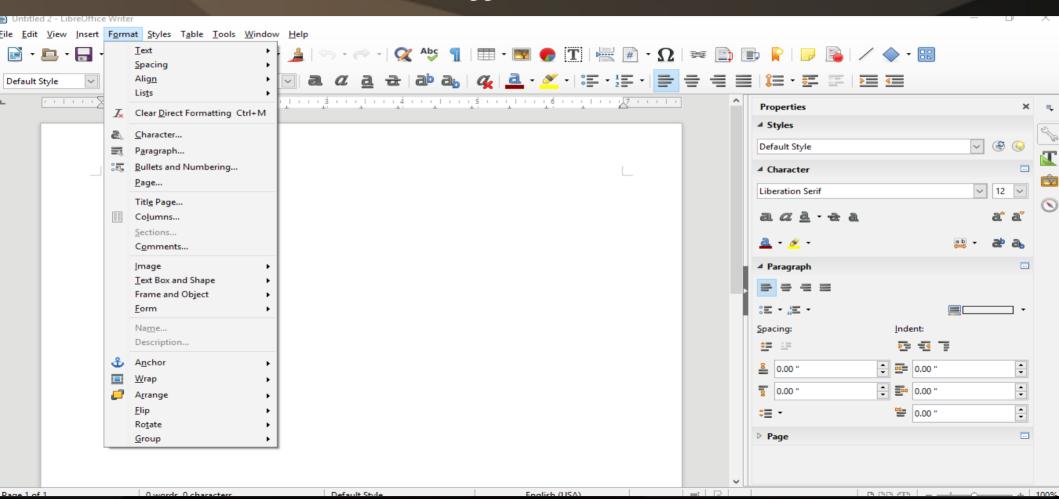
Productivity – Text documents, Spreadsheet, Presentation

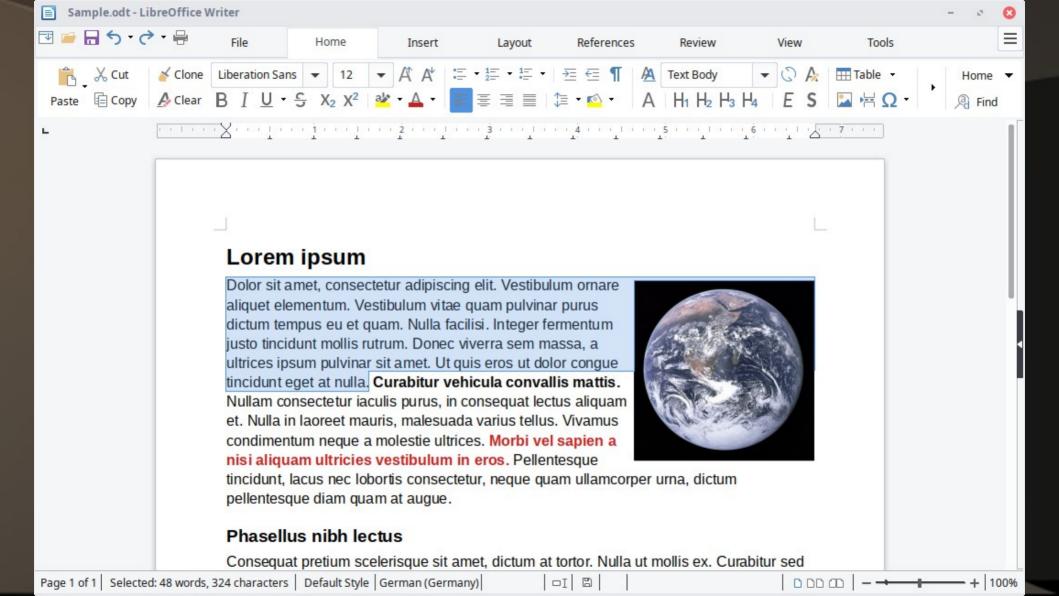
- Calligra**
- FreeOffice, WPS Office
- Web versions



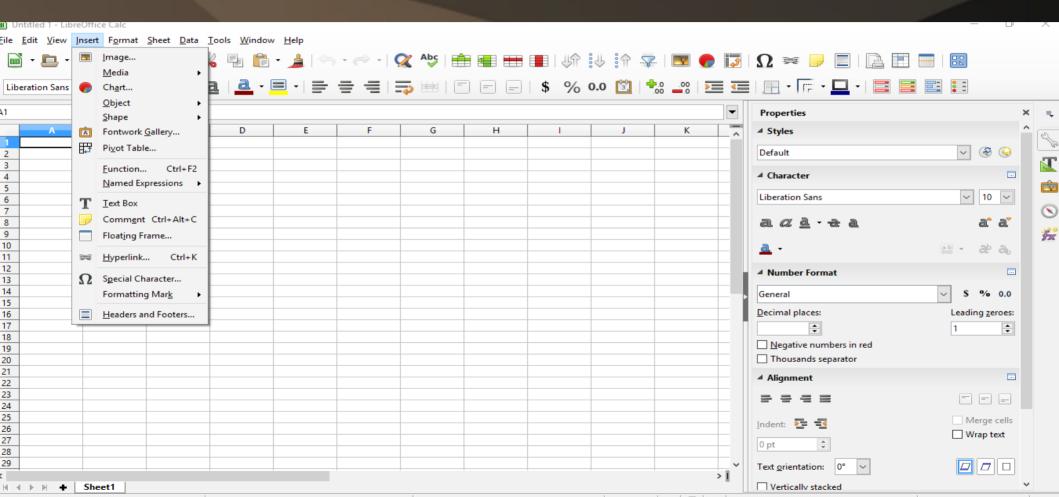


LibreOffice - Writer

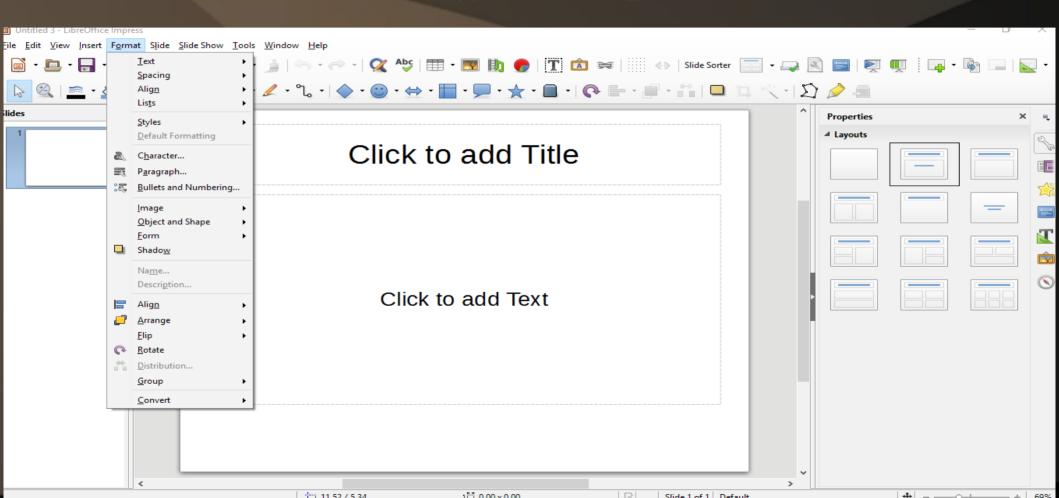




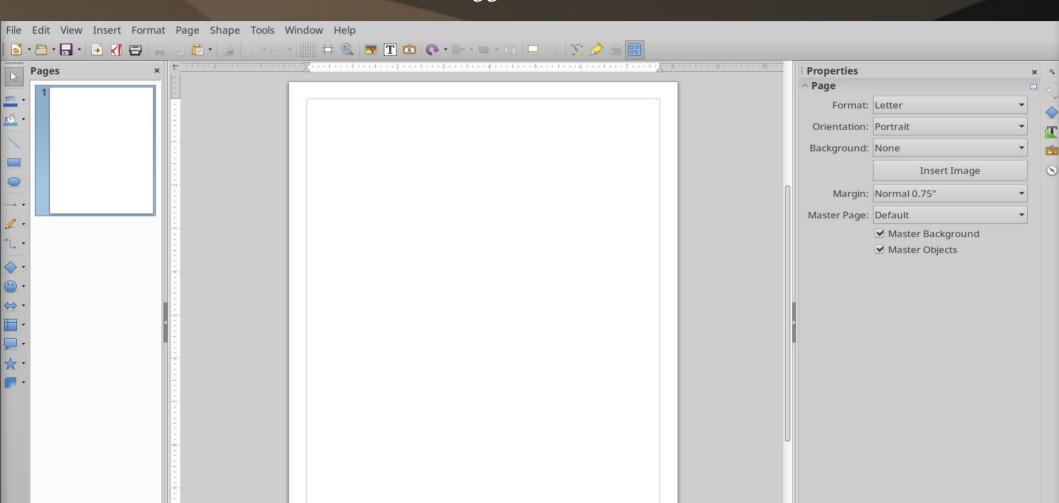
LibreOffice - Calc



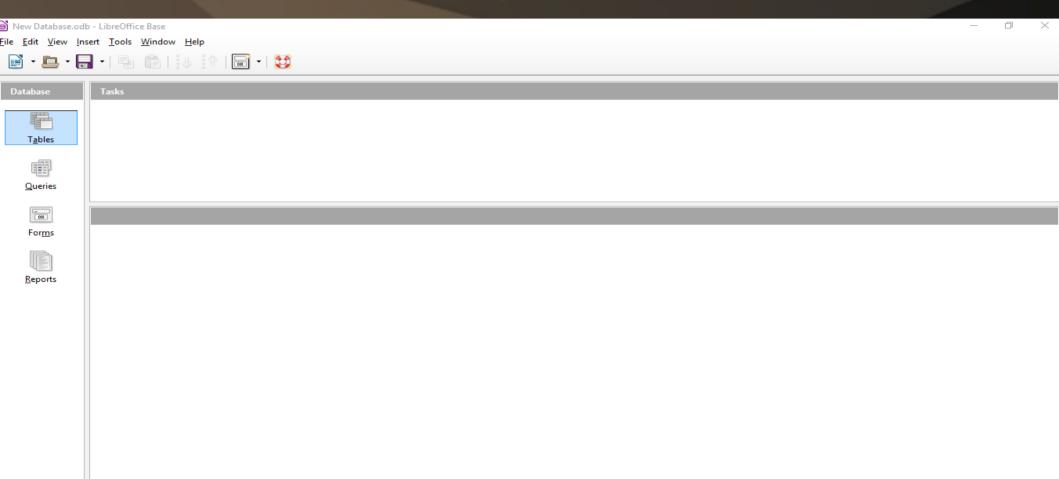
LibreOffice - Impress



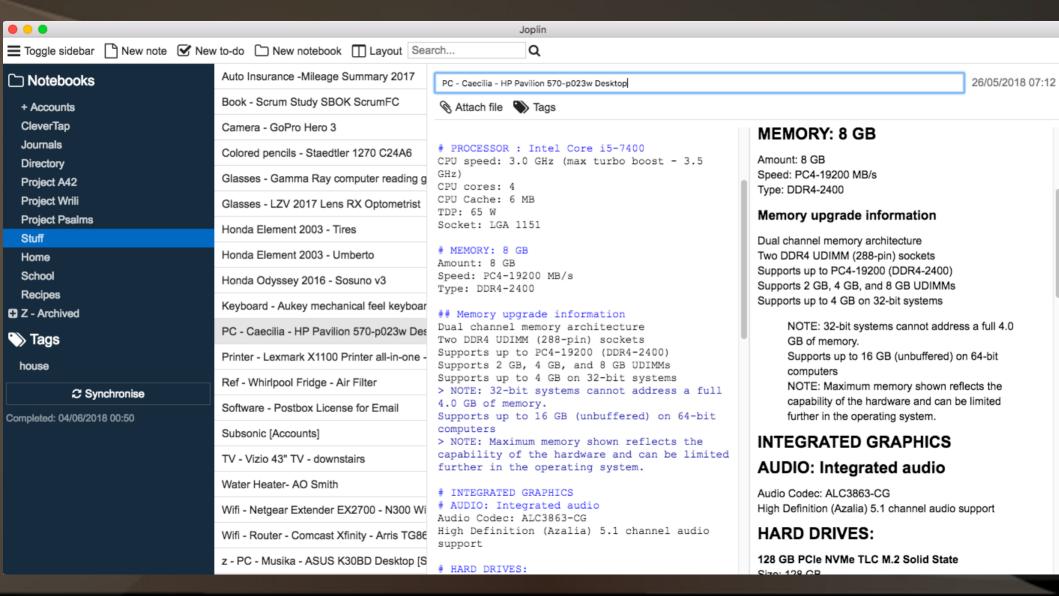
LibreOffice - Draw



LibreOffice - Base



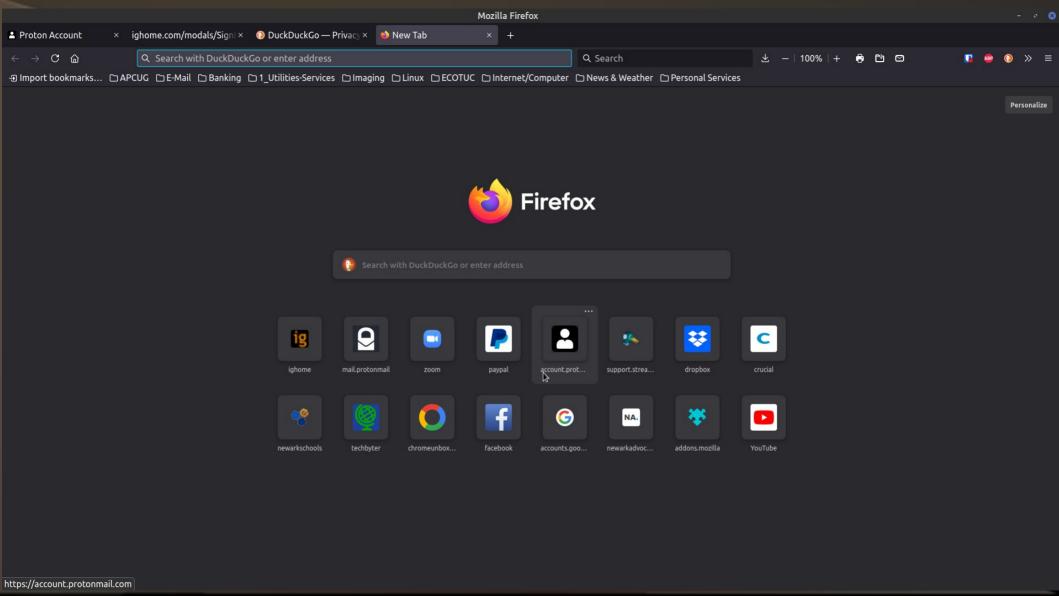
HSOI DR Embedded

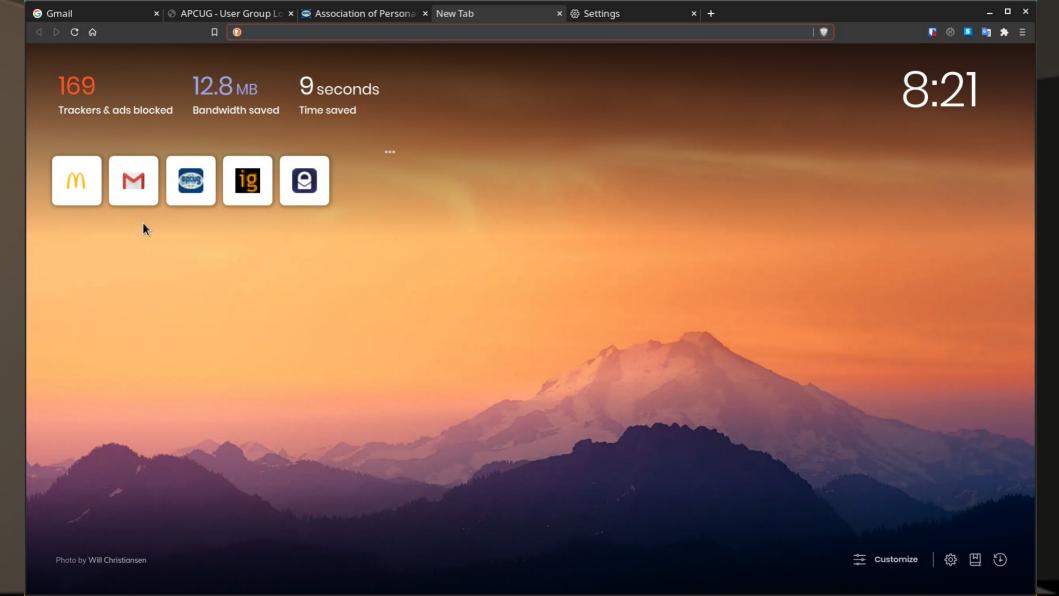


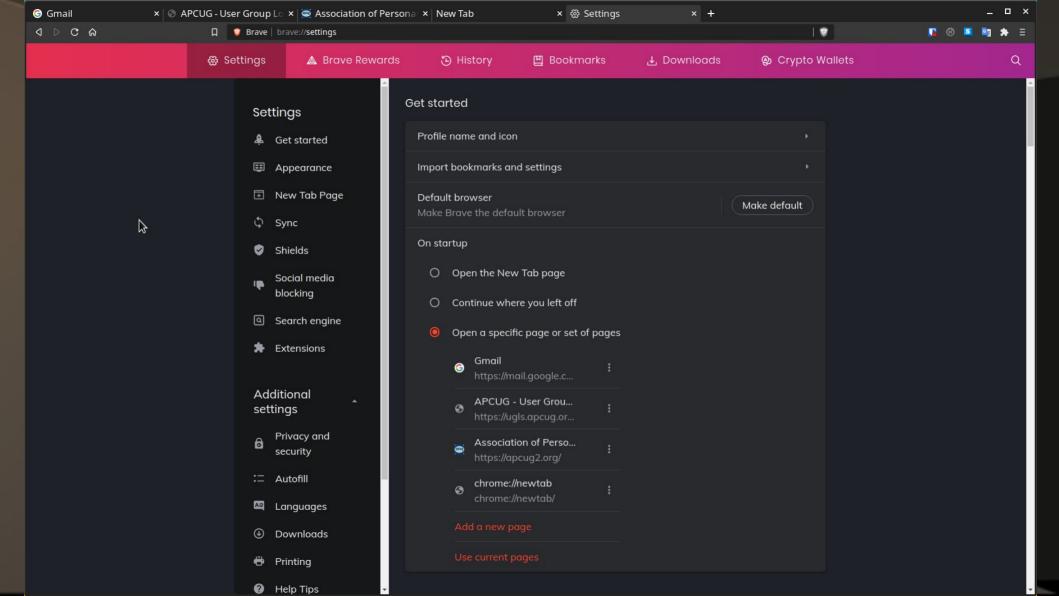
Productivity – Web browser, E-Mail

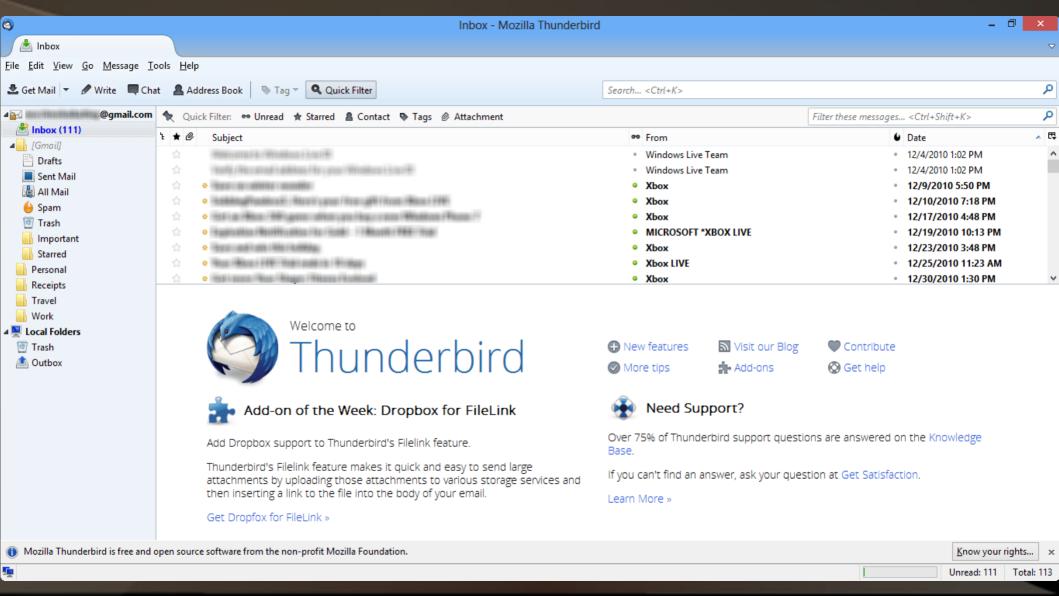
- Firefox**
- Chromium**/Brave**

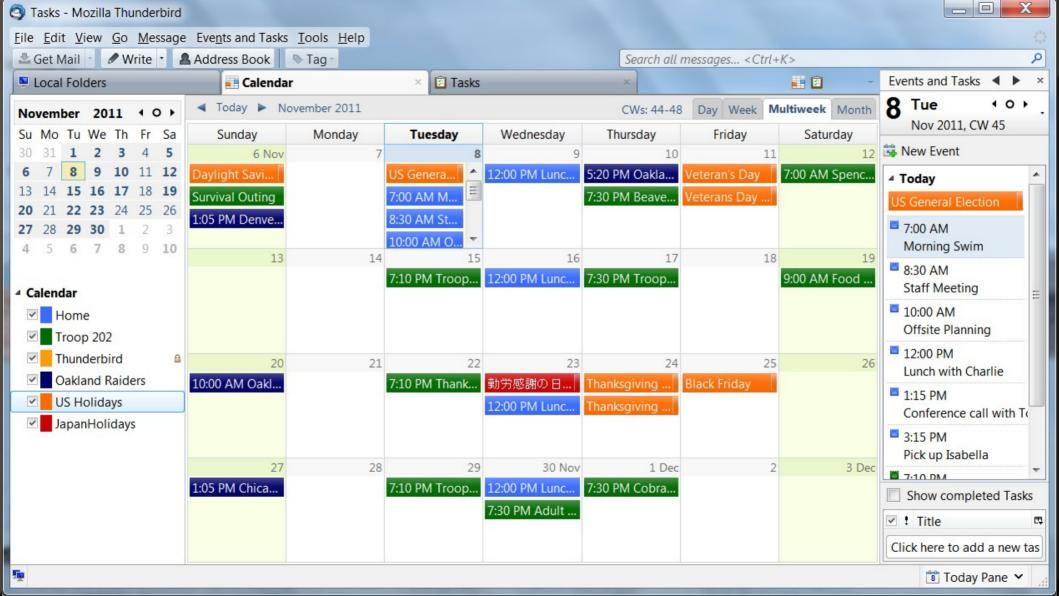
- Thunderbird**+Lightning**
- MailSpring**

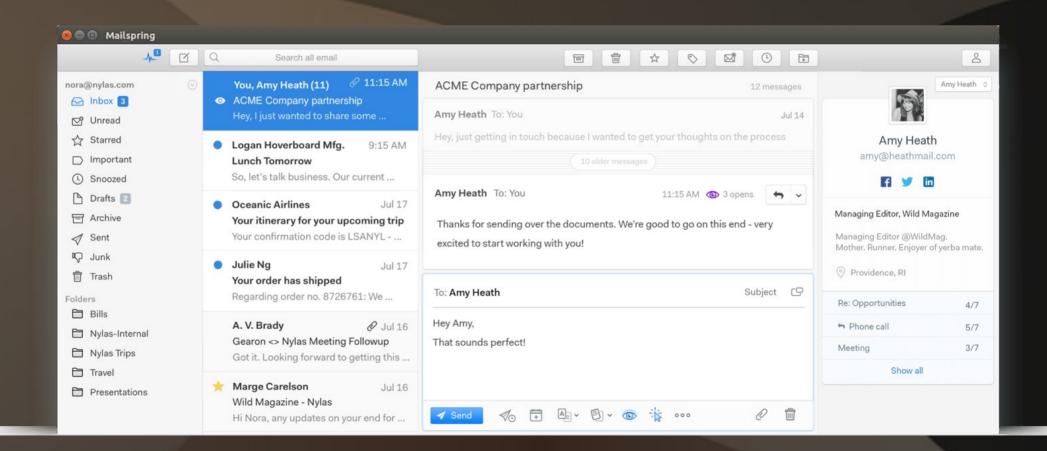








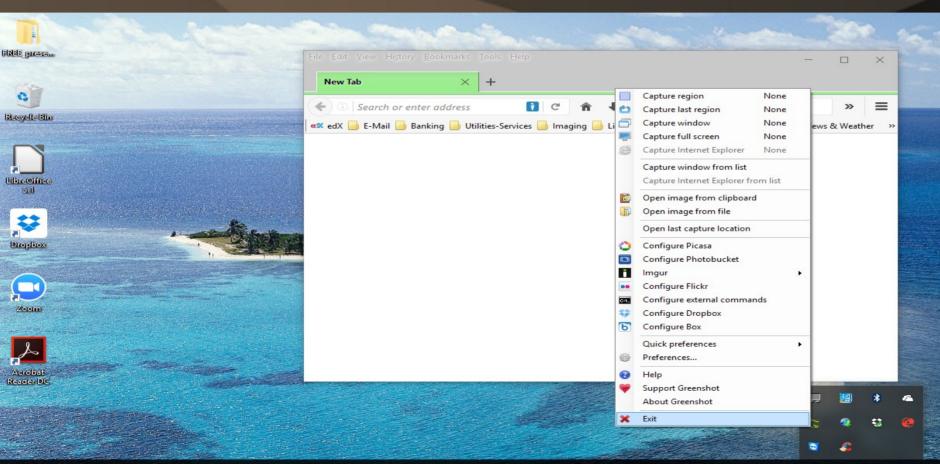




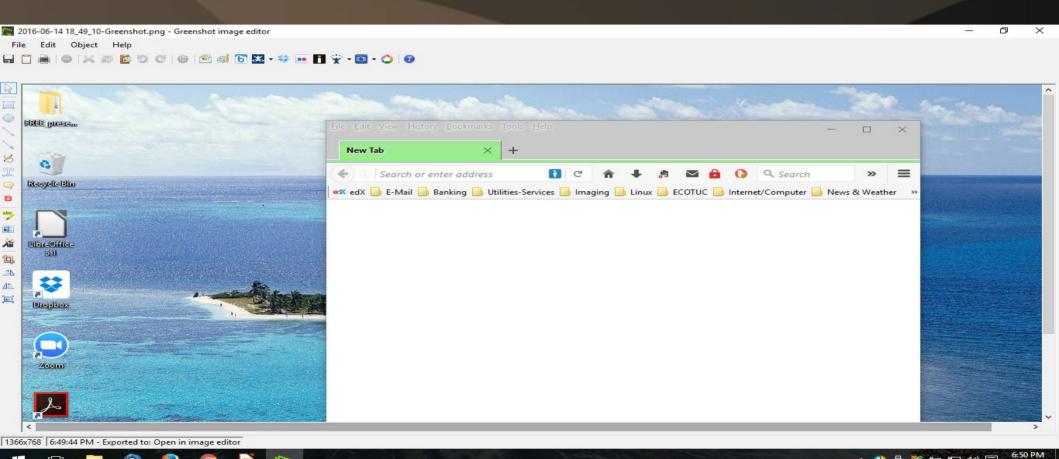
Productivity - Screen Capture

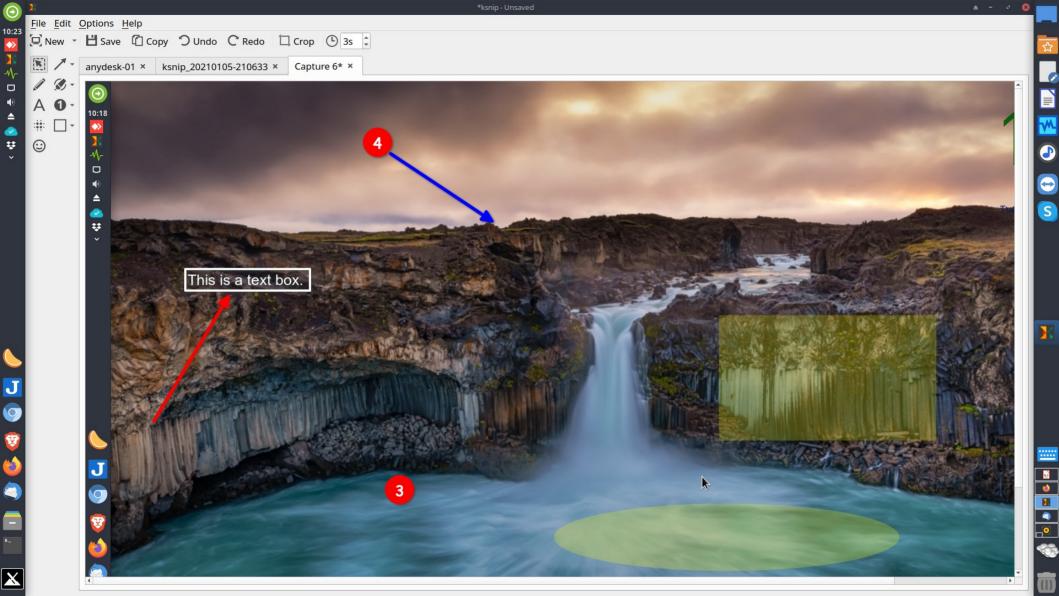
- Greenshot**
- ksnip**
- ShareX**

Greenshot - capture

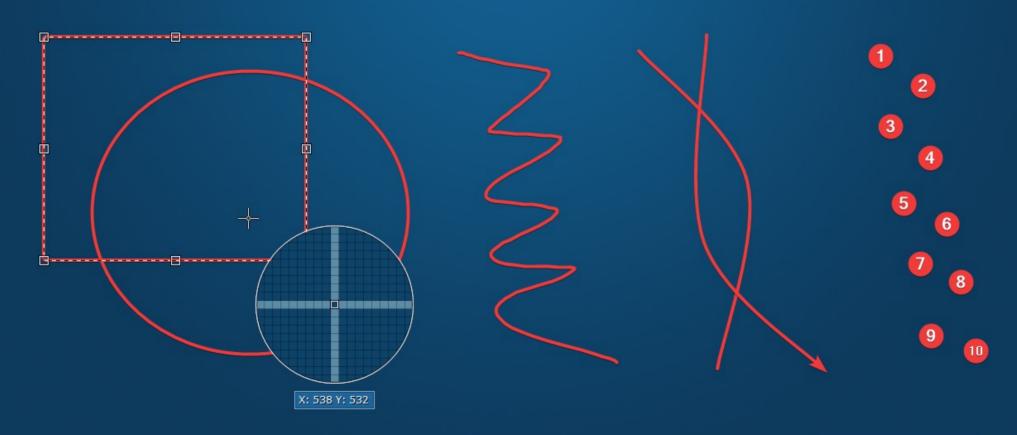


Greenshot - editing









Text with outline

Text with background

Speech balloon

Productivity - PDF tools

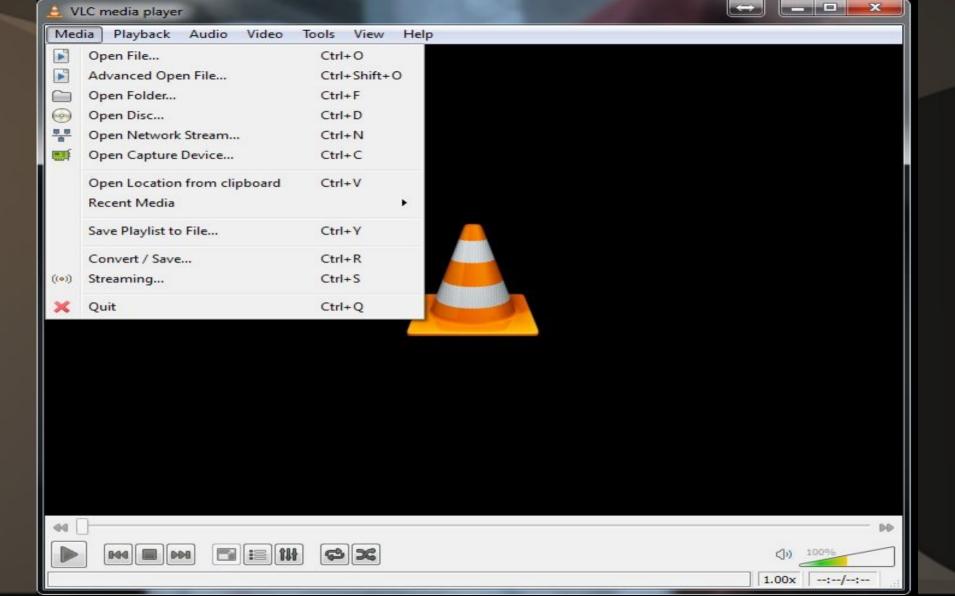
- LibreOffice** (each program exports as PDF)
- PDFCreator**
- Sumatra PDF**
- PDFedit**
- PDFsam- split and merge PDFs**

Multimedia

- Playing
- Editing/Recording
- Creating/Duplicating

Multimedia - Player

- VLC**
- Strawberry**
- Audacious**
- MPC-HC**





Another Blue Night - Snowy White & The White Flames Something On Me



I have darkness in my heart When the sun goes down Black dog snapping at my heels Every night the same old thing Time is dragging like a broken wing And I know how loneliness feels

Another blue night coming my way It's another blue night All this could be over in a moment I could be safe from all this pain

My life could be mended These black nights ending If I could get my baby back again Another blue night coming my way It's another blue night

Another blue night watching over It's another blue night

And I can hear my breaking heart

Cł Title	▼ Artist	Album	Length	Sample rate B	it depth	Bitrate	File type
1 Something on Me	Snowy White & The White Flames	Something On Me	7:44	44100 Hz	16 Bit	717 kbps	FLAC
2 Another Blue Night	Snowy White & The White Flames	Something On Me	5:09	44100 Hz	16 Bit	684 kbps	FLAC
3 Another Life	Snowy White & The White Flames	Something On Me	5:12	44100 Hz	16 Bit	770 kbps	FLAC
4 Get Responsible	Snowy White & The White Flames	Something On Me	5:07	44100 Hz	16 Bit	819 kbps	FLAC
5 Cool Down	Snowy White & The White Flames	Something On Me	3:42	44100 Hz	16 Bit	810 kbps	FLAC
6 Ain't Gonna Lean on You	Snowy White & The White Flames	Something On Me	7:59	44100 Hz	16 Bit	792 kbps	FLAC
7 It's Only the Blues	Snowy White & The White Flames	Something On Me	5:44	44100 Hz	16 Bit	735 kbps	FLAC
8 Commercial Suicide	Snowy White & The White Flames	Something On Me	7:05	44100 Hz	16 Bit	832 kbps	FLAC
9 I Wish I Could	Snowy White & The White Flames	Something On Me	4:22	44100 Hz	16 Bit	817 kbps	FLAC
0 Whiteflames Chill	Snowy White & The White Flames	Something On Me	4:28	44100 Hz	16 Bit	817 kbps	FLAC
1 One More Traveller	Snowy White & The White Flames	Something On Me	4:39	44100 Hz	16 Bit	790 kbps	FLAC

0:09

11 tracks - [1:01:15] 💷 🕮



-0-Collection









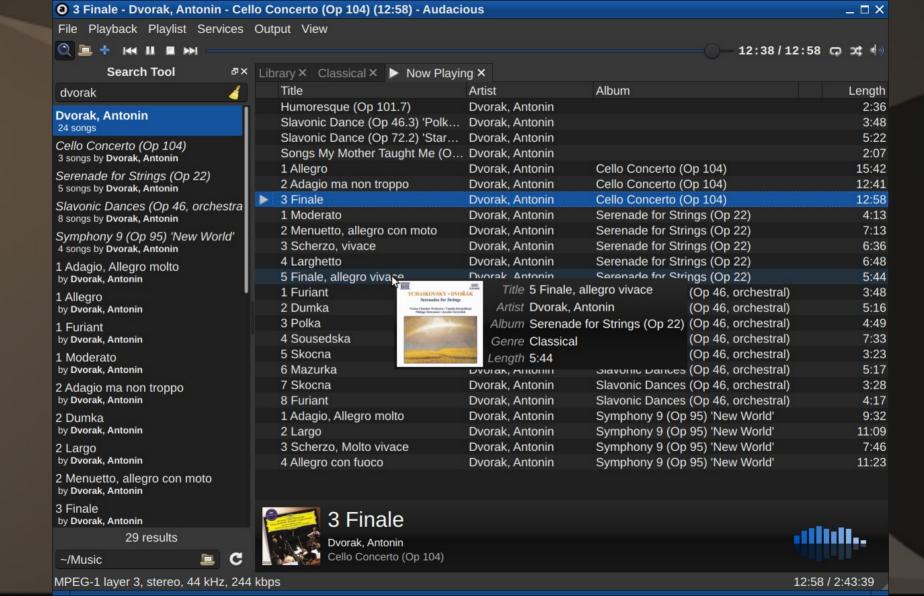


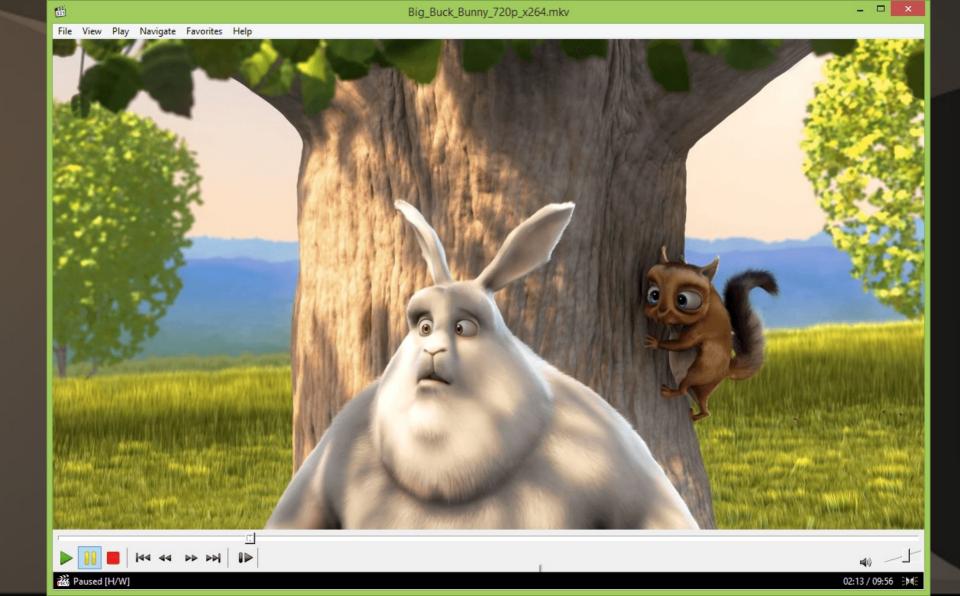










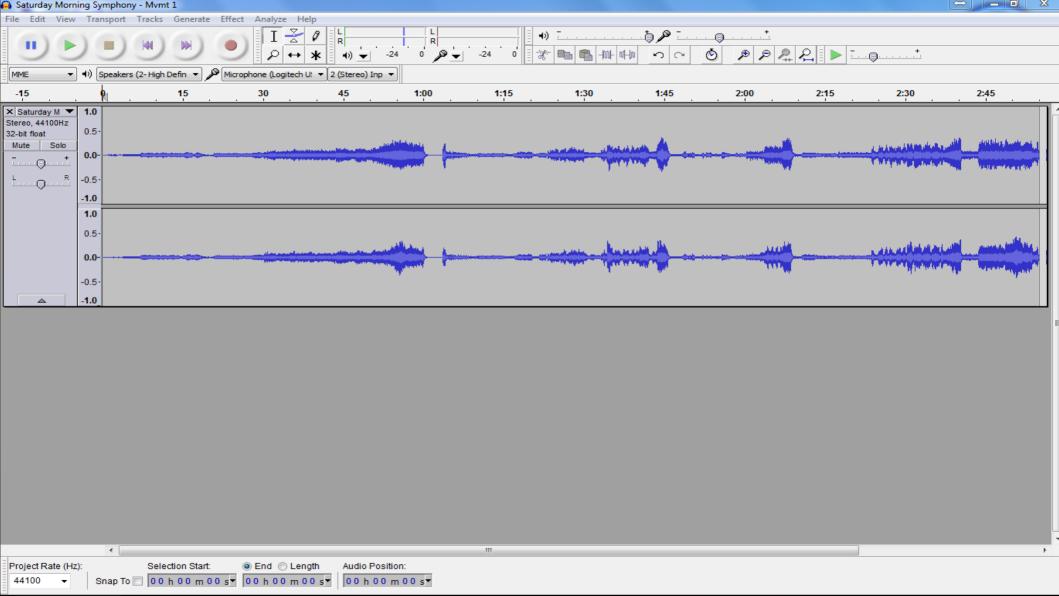


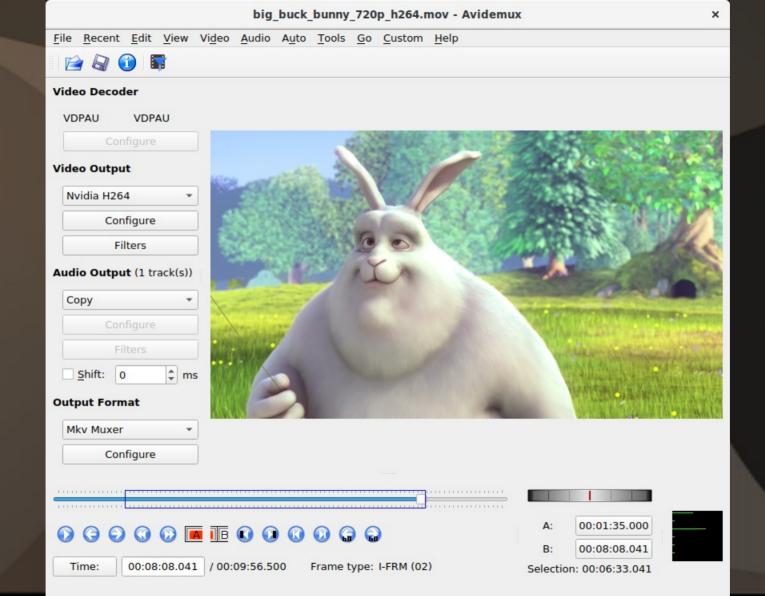
Multimedia – Editing/Recording

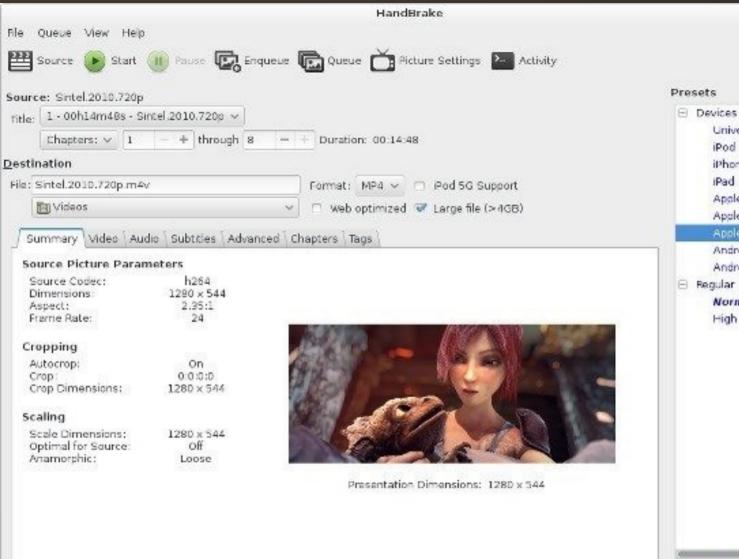
Audacity** - audio editing

Avidemux** - video editing

• Handbrake** - video transcoder







Presets

□ Devices

Universal

iPod

iPhone & iPod tous

iPad

AppleTV

AppleTV 2

Android

Android Tablet

Normal

High Profile







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

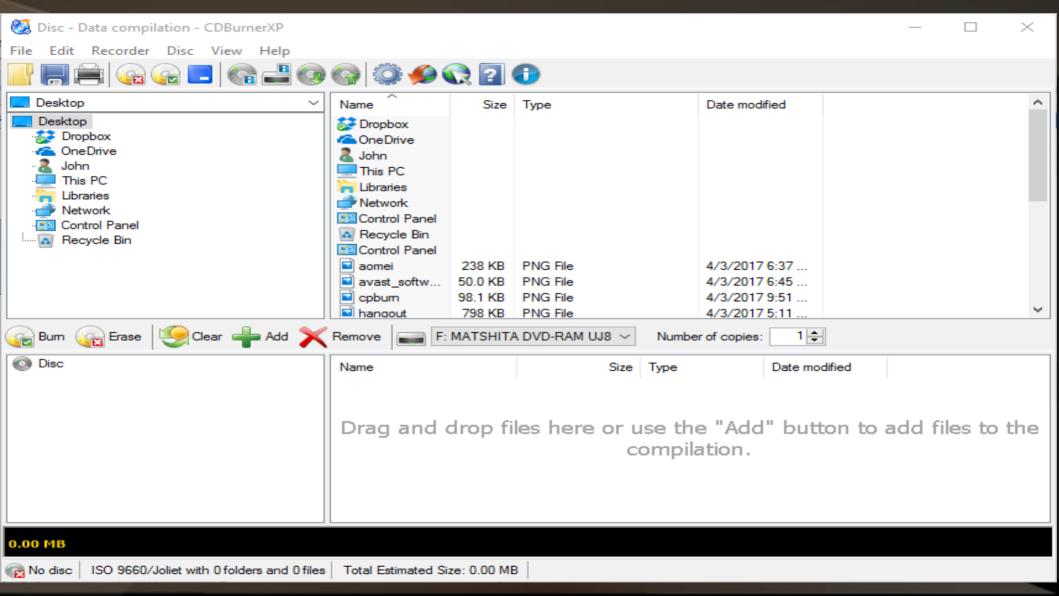
Allows you to remove all contents from a rewritable medium.

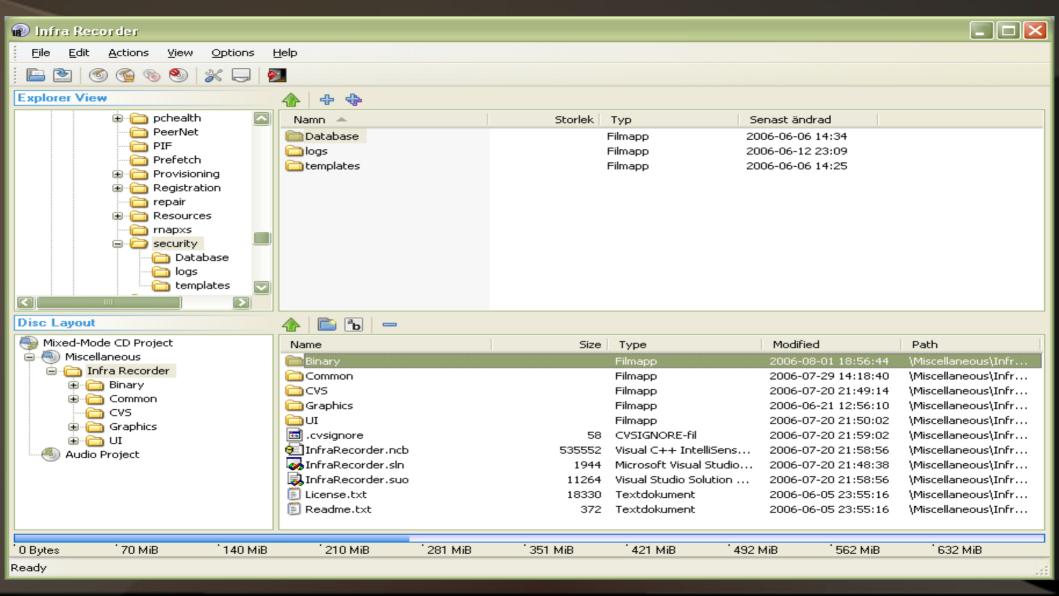
Open...

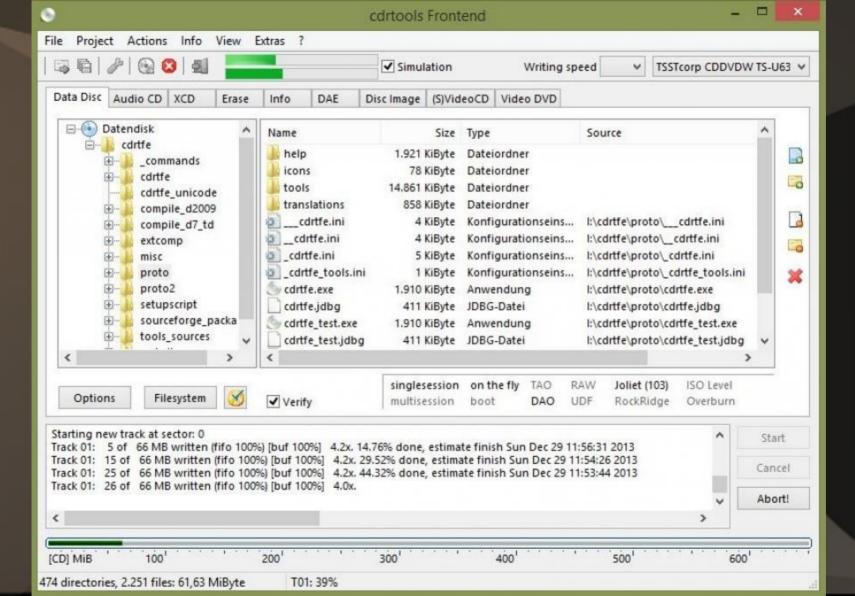


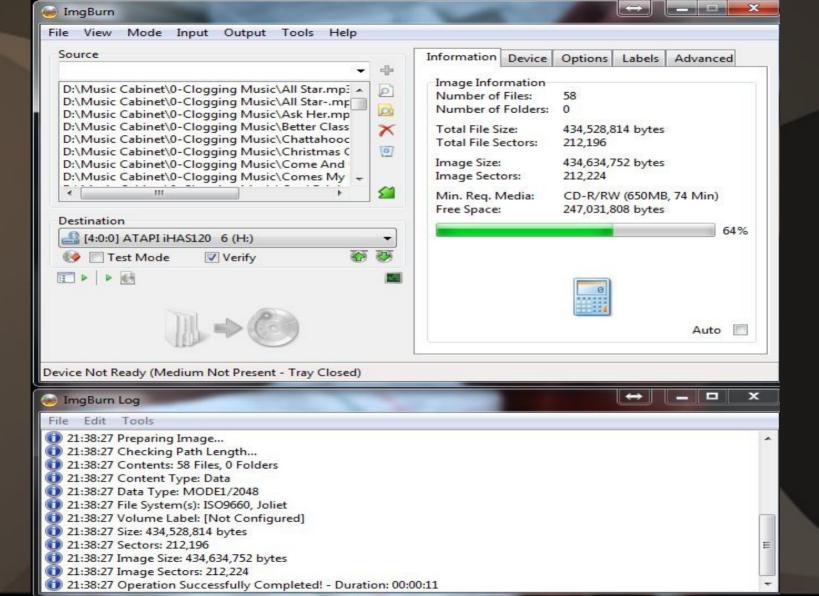
OK

Exit



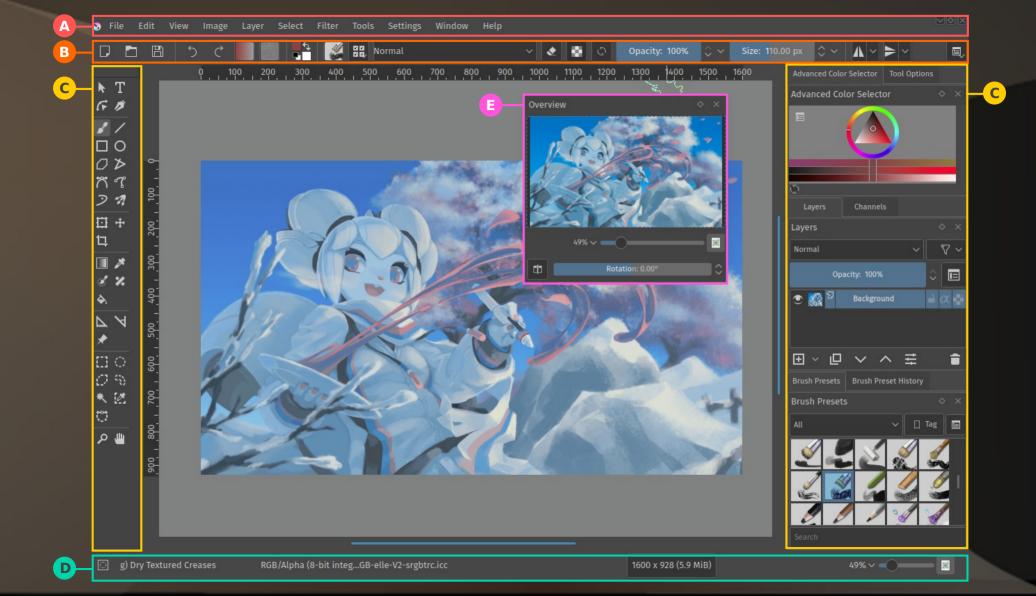






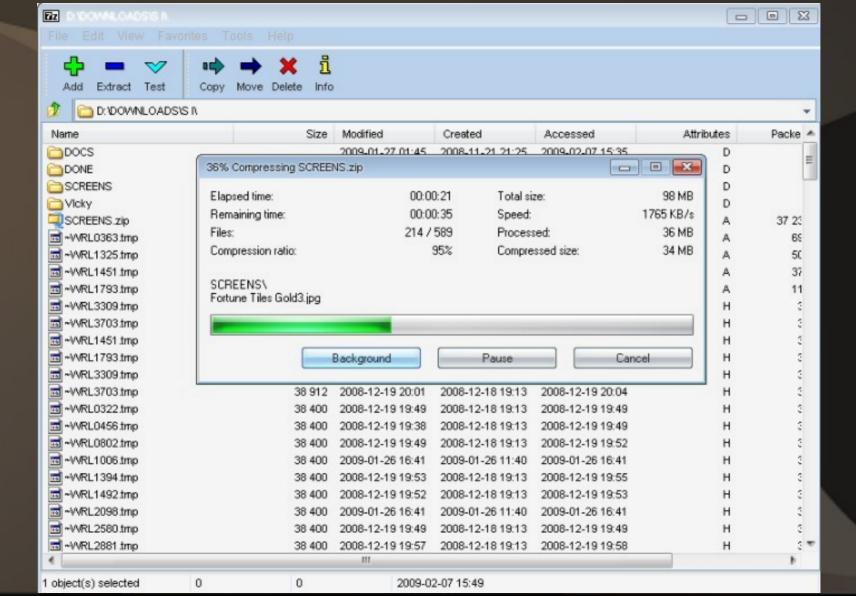
Graphics - Photo Editor

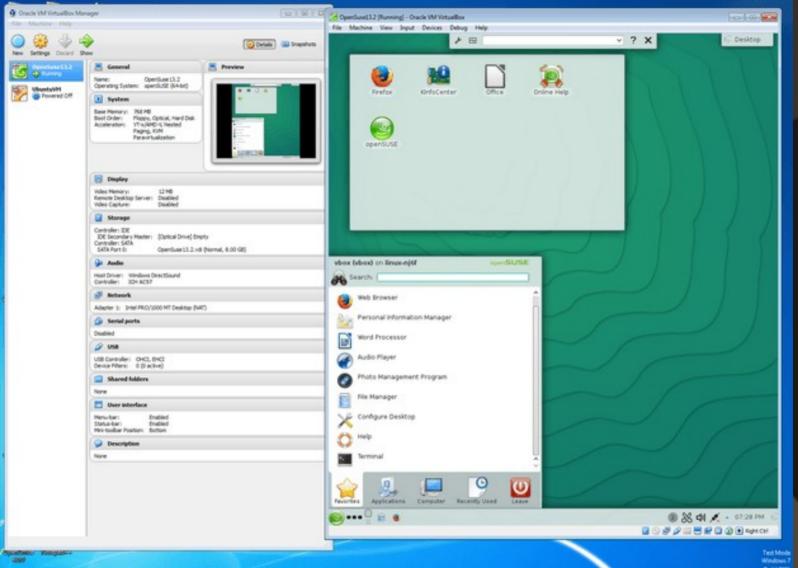
- G.I.M.P. **
- Inkscape**
- Krita**
- Darktable**



Misc. Utilities

- 7Zip** (file compressing)
- VirtualBox** (virtual OS creating)
- Gramps** (Genealogy)
- WinDirStat** (k4dirstat Linux)









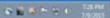


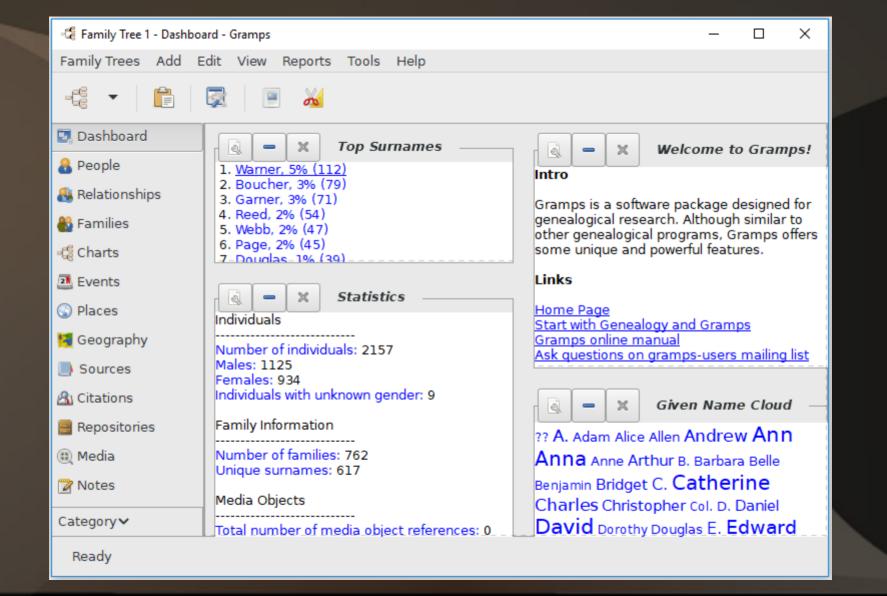


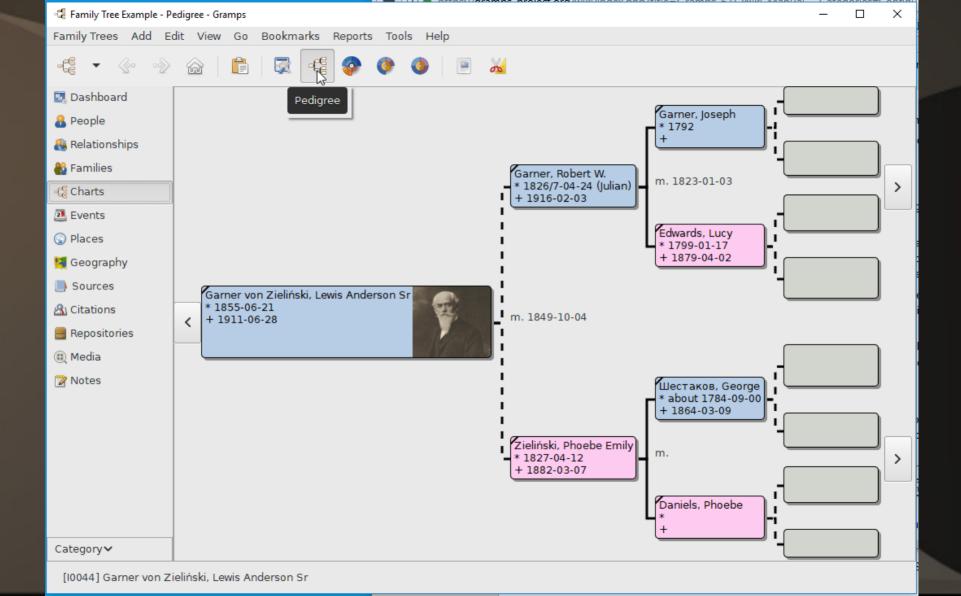


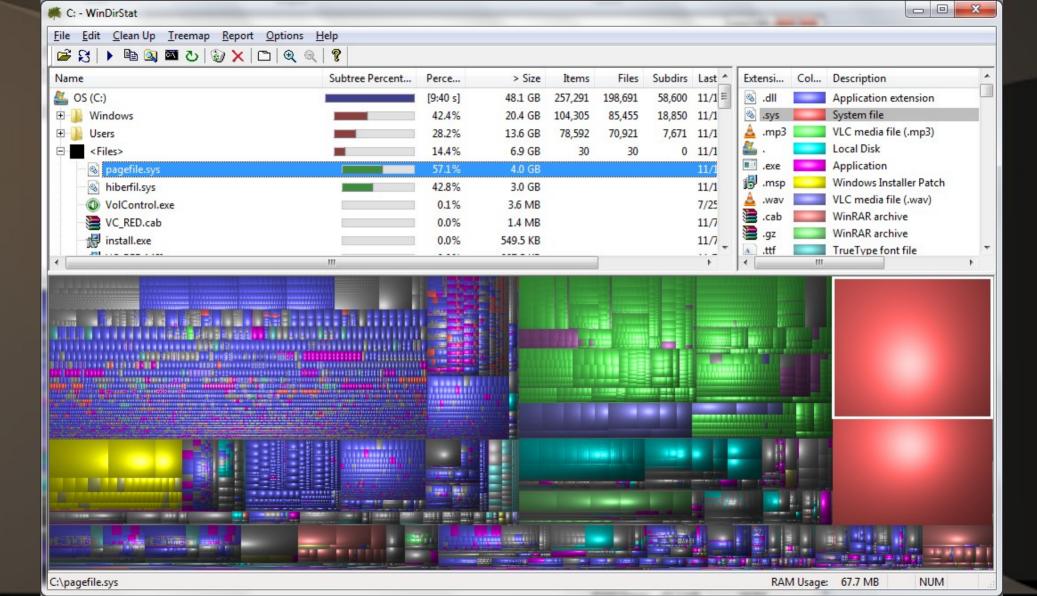












That's about it!

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:

freejohn@protonmail.com

Bonus Material

The following slides have live links to many of the featured free software that was presented. This will allow you to go directly to their actual site and not take a chance on getting "lost".

Tech Assistance - Talk

- Jitsi ** voice/video/desktop sharing
- Zoom voice/video/desktop sharing

Tech Assistance – Remote Access

• <u>Teamviewer</u>

• <u>DWService</u> ** (web based)

AnyDesk

Password Managers

• Bitwarden **

KeePass(Win)**/KeepassX(Linux)**/
 <u>KeepassXC</u> (cross-platform, newer)**

• Roboform

Bookmark Managers

• EverSync (web based)**

Protection - Antivirus

• ClamAV **

• Avast /AVG (both owned by Avast)

Protection – Spam/Spyware/Malware

- MalwareBytes
- SuperAntiSpyware

Protection – Clean Up/Removal/Update & Information Gathering

- BleachBit **
- Revo Uninstaller
- Speccy
- Belarc

Protection – Backup/Restore

- Bacula **
- SyncBack
- Macrium Reflect image

Software Easy Downloading and Keeping Up to Date

• PatchMyPC

• NiNite

Productivity – Text documents, Spreadsheet, Presentation

LibreOffice **

Joplin ** - note taking, web based

Productivity – Web browser, E-Mail

- Firefox **
- Chromium **/Brave **

- Thunderbird **+Lightning**
- Mailspring **

Productivity - Screen Capture

- Greenshot **
- Ksnip **
- ShareX **

Productivity - PDF tools

- PDFCreator **
- Sumatra PDF **

Multimedia - Player

- VLC **
- Strawberry Player **
- · Audacious **

Multimedia – Editing/Recording

Audacity ** - audio editing

Avidemux ** - video editing

Multimedia - Creating/Duplicating

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

Graphics - Photo Editor

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

Misc. Utilities

- 7Zip ** (file compressing)
- Gramps ** (Genealogy)
- WinDirStat ** (k4dirstat Linux)