



Free Apps for the Auxiliarist

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Presents

An introduction into the world of free apps that save the cost of buying commercial programs. “Open Source” and other tools to assist with your computer needs that are free, safe and equal to costly commercial programs.

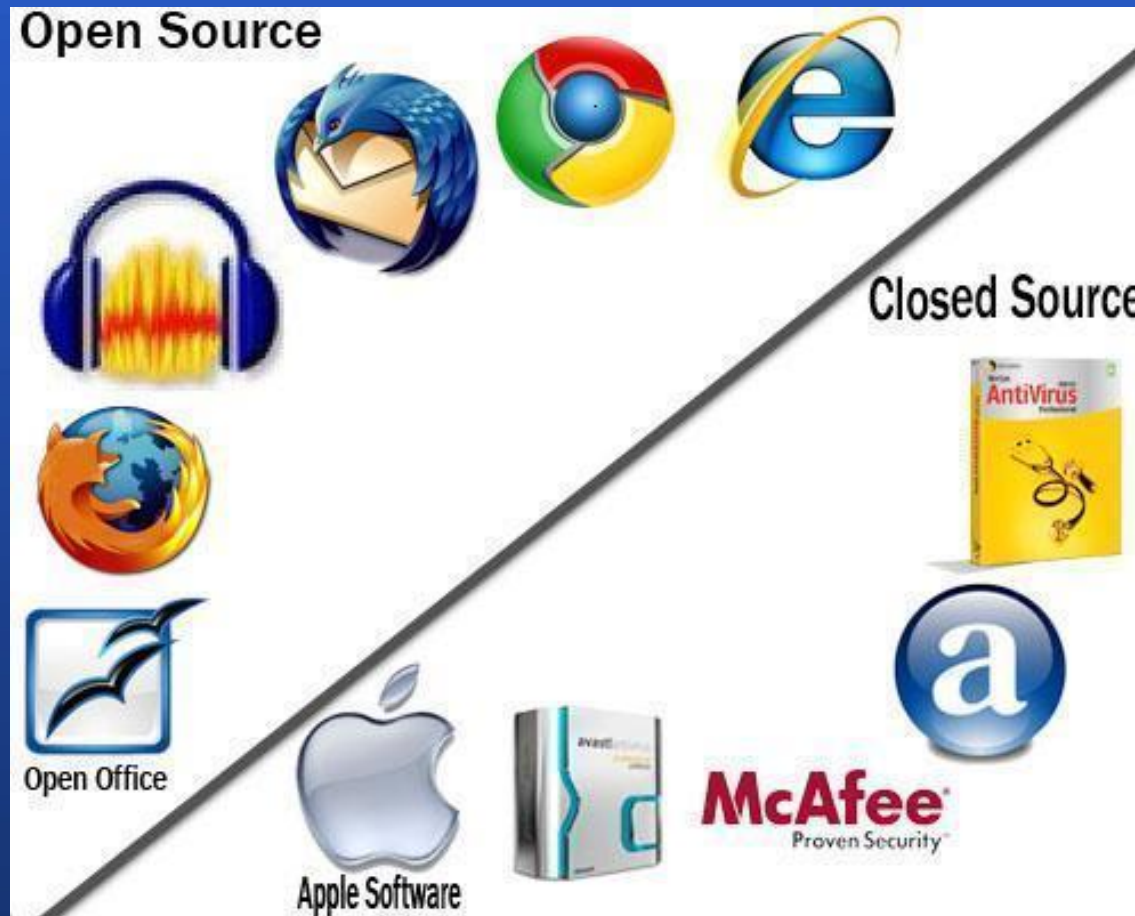


OSS, Free, COTS

- Open Source Software (OSS)
 - ◆ The term "open source" refers to something people can modify and share because its code is publicly accessible.
- Free Software
 - ◆ Software you can get at no cost to the users. The code is not publicly accessible.
 - ◆ Software which gives the user certain freedoms (Software Light version), but may have a price for full ability.
- Commercial Off-The-Shelf (COTS)
 - ◆ software products that are ready-made and available for sale to the general public. Often you only buy the right to use not own COTS.



The good news is that open-source software is used in the vast majority, 78 percent, of businesses.





Why Open Source Software (OSS)

Cost Reduction

Quality Improvement

Quick Time to Market

Full Ownership and control

Drive innovation with rapid pace

No vendor lock-in, great flexibility

Broad perspective (more eyes on the code)

Integration and Customization- Easy to modify and enhance

Collaboration approach gives better solutions- Community support



OSS Disadvantage

- OSS has 4 major disadvantages
 - 1) Support – OSS has no professional support. Users shier how to use OSS on the Internet. You will need to do some work to find answers to your questions.
 - 2) Reliability – OSS lacks any kind of professional over site to insure the product is uniform from release to release.
 - 3) Security - Some risk is associated with using any software, and the overall risk associated with OSS is no higher than with any other type of software.
 - 4) End of life – There is no time line when the software will no longer be developed or upgraded.
 - 5) Learning Curve - Often comes with steep learning curve.



Cloud Technology

- In the simplest terms, cloud computing means storing and accessing data and programs over the Internet instead of your computer's hard drive. The cloud is just a **metaphor for the Internet.**
 - ◆ Personal Cloud – (Only you have access)
 - ◆ Shared Cloud – (You say who has access)
 - ◆ Business, Corporate, Office Cloud – (Work)
 - ◆ Public Cloud – (The world has access, Internet)

OSS

- GIMP
 - ◆ Image Manipulation
- LibreOffice or OpenOffice
 - ◆ Word Processing
 - ◆ Spreadsheet
 - ◆ Presentation
 - ◆ Database
 - ◆ Drawing



OSS (cont)

- Notepad++
 - Text editor, code editor (not like MS Notepad)
- WinDirStart (Windows only)
 - Disk Usage Analyzer, file system manager
- Greenshot (Windows only)
 - Screenshot tool for capturing graphics
- Sky Chart
 - Plotting the stars
- Inkscape
 - Design, illustrator or vector imagery tool



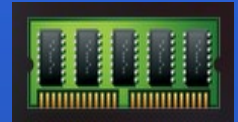
OSS (cont)

- Freemind
 - ◆ A mind mapper, and easy-to-operate hierarchical editor with strong emphasis on folding.
- FileZilla
 - ◆ transferring files over the Internet
- Chirp
 - ◆ tool for programming amateur radios
- iZIP (Mac) or 7Zip (PC)
 - ◆ File compression and management tool
 - ◆ iZIP for iPhone, and iPad



OSS (cont)

- Memory Clean
 - ◆ Memory Cleaning App
- DropBox
 - ◆ Cloud sharing and storing files, photos, etc.
- Malwarebytes
 - ◆ Anti-malware app. Removes malware files
- Google Drive (formerly Google Docs)
 - ◆ Cloud based file storage and synchronization service



Google



- We will take a closer look at just a few
- Gmail, Calendar, Hangouts, and Drive

Google Mail (Gmail)

One account is all you need

One free account gets you into everything Google.



- Gmail is a free, advertising-supported email service provided by Google. Users may access Gmail as secure webmail, as well as via POP3 or IMAP4 protocols. (Wikipedia)
 - [Not required to access other Google apps]

Google Drive



A safe place for all your files

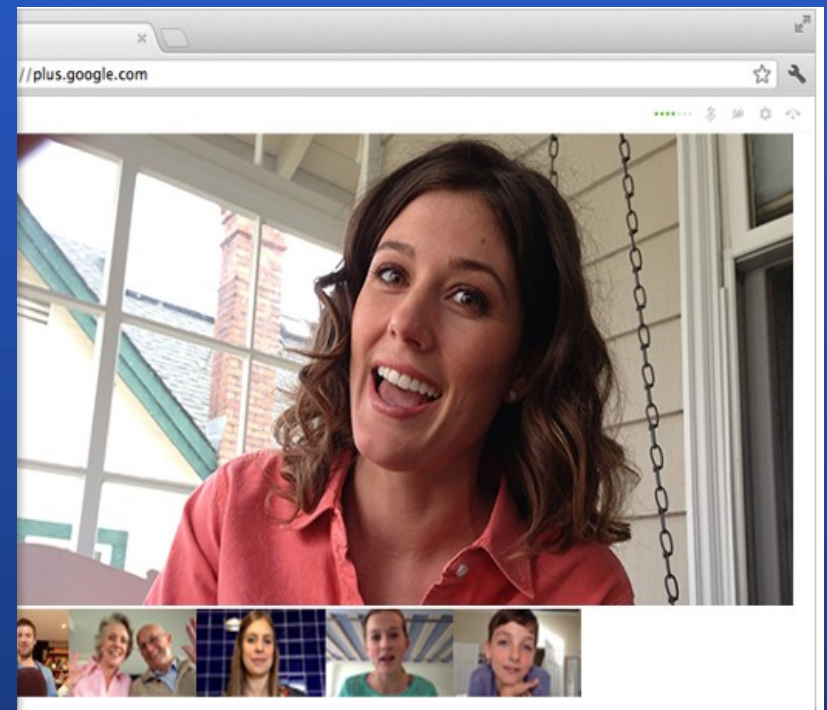
- Google Drive, formerly Google Docs, is a file storage and synchronization service created by Google. It allows users to store files in the cloud, share files, and edit documents, spreadsheets, and presentations with collaborators. (Wikipedia)
- You start out with 15 GB of storage for free

Google Hangouts

- Have voice and video conversations from your computer.
- Up to 10 participants

Google has also stated that Hangouts is designed to be "the future" of its telephony

- product. (Wikipedia)





Google Calendar

- Google Calendar is a time-management web and mobile application
 - Display events from any public Google Calendar.
 - Keep managing events in Google Calendar. No need to create events in WordPress.
 - Fully responsive and mobile-friendly monthly grid and list views.
 - Customize event content display using simple tags. No coding required.
 - **Combine multiple calendars** into single displays explicitly or using categories.
 - Advanced settings to adjust time zones, date/time formats and start of the week.

GIMP

- GIMP used for image retouching and editing, free-form drawing, resizing, cropping, photo-montages, converting between different image formats, and more specialized tasks.





LibreOffice / OpenOffice

- This runs on Linux, MacOS, and Windows. This a great desktop office suite. Besides open-source software fans, government agencies, such as the Utah, UK, France, and Italy, have moved to LibreOffice.
- Apache OpenOffice Vice President Dennis Hamilton wrote, "In the case of Apache OpenOffice, needing to disclose security vulnerabilities for which there is no mitigation in an update has become a serious issue." (ZDNet.com)

LibreOffice

- What's included in the LibreOffice suite.
 - Writer **Word Processor**
 - Calc **Spreadsheet**
 - Impress **Presentation**
 - Draw **Graphics**
 - Math **Designer**
 - Base **Database**

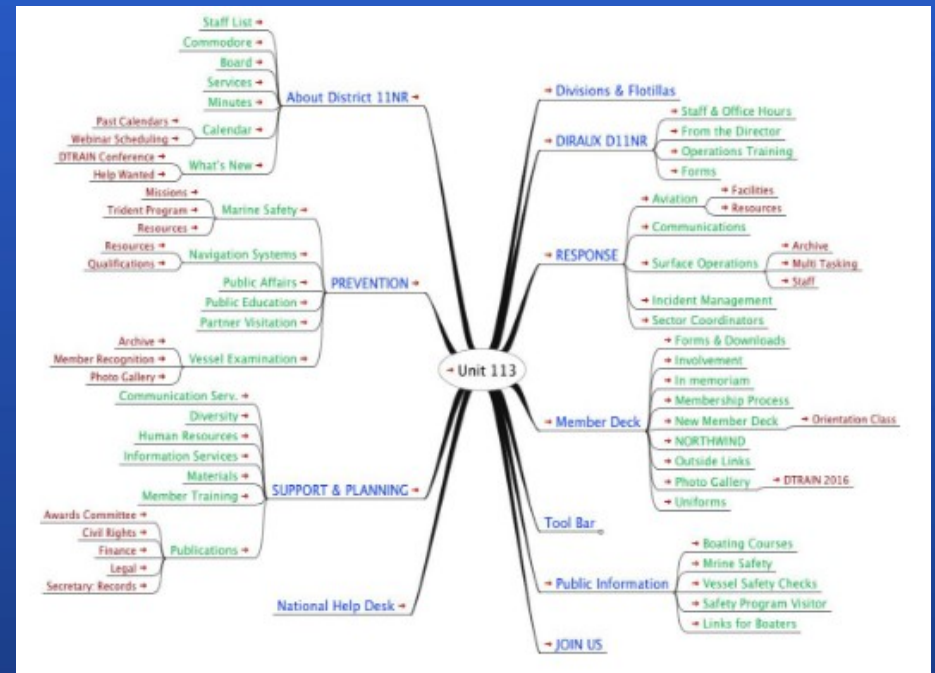


MS 360 today costs \$79.99/year or \$149.99 per device

Freemind

FreeMind allows the user to edit a hierarchical set of ideas around a central concept. The non-linear approach assists in brainstorming new outlines and projects as ideas are added around the

- mind map.



Sky Chart

Description

Explore the wonders of the Solar System with Star Chart, the definitive star gazing and astronomy app. From our own star - the Sun, to the moons of Jupiter and rings of Saturn, Star Chart gives you a virtual window into the visible universe.

