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Phoenix PC Users Group

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NEWSLETTER

The Best Accessory for your PC !

This website is gone: <u>www.azacc.org</u> The Arizona Alliance of Computer Clubs

MAPS TO MEETINGS Page 19

West Side......Tue, Nov 14, 2017 College America, 9801 North Metro Pkwy E8, Phoenix, AZ

East Side......Wed, Nov 15, 2017 Univ. of Advancing Technology, 2625 W Baseline Road, Tempe (one block west of Fry's Electronics)

Fountain Hills......Thur, Nov 16, 2017 Fountain Hills Library, 12901 N La Montana Drive, Fountain Hills, Arizona. <u>Starts at 5:30 PM</u>!

Presentation this month: <u>Computer</u> topics, Windows 10, Smart Phones, etc.

For <u>date and time</u> changes: <u>www.phoenixpcug.org</u>

USE STRONG PASSWORDS! Do updates: Java, Adobe Reader, Windows - see #5, #10 below

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APCUG PUSH - 1-1-17a.zip

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Windows 10 Lots of info, even more at: Our meetings!

Look for <u>Windows 10</u> articles in this issue! It is better than Windows 7, 8.1 mostly, <u>Western</u> <u>Digital</u> hard drives include <u>Acronis True Image</u> for <u>Windows 10, etc</u>. - for their drives only. <u>http://supportdownloads.wdc.com/downloads.asp</u> x?p=119&lang=en

Best Free Drive Backup programs for Windows http://www.ghacks.net/2014/08/08/best-free-drivebackup-programs-for-windows/

Hard Drive or SSD backup with iDrive Kim Komando & tips this month: 1-888-825-5254 <u>http://www.komando.com/show-picks</u>, <u>https://www.facebook.com/kimkomando</u> <u>https://www.youtube.com/kimkomando</u> NEW!!

Leo Laporte <u>http://www.techguylabs.com/</u> news <u>http://leoville.com/</u> <u>http://twit.tv/people/leo-</u> <u>laporte</u> 1-88-88-ASK-LEO Listen, The Tech Guy -Tuneln <u>http://tinyurl.com/pu8rscc</u> also Facebook Check Leo's Windows 10 news! <u>https://www.google.com/?gws_rd=ssl#g=leo+lapo</u> <u>rte+facebook</u> or Google: Leo on YouTube!

June 2014, I tried out Norton Safe Web <u>http://safeweb.norton.com</u> & Online Link Scan - <u>www.onlinelinkscan.com</u> One member emailed me about protecting his PC, both excellent ways to avoid malware, <u>ransomware</u>, etc.

<u>Eye on Windows</u>: Comprehensive Windows 10 News <u>http://www.eyeonwindows.com/</u> <u>http://www.eyeonwindows.com/category/satya-nadella/</u> <u>http://www.windows10update.com/</u>

Many Windows 10 news, tips and updates for you (a pop-up will happen, sign up - DY) Hardware, Software Reviews & Windows Resources. Last web link is great!

<u>www.batteriesplus.com</u> - batteries & bulbs! <u>http://www.optimabatteries.com</u> spiral batteries motor vehicles! AutoZone & other auto stores.

Windows 10 Plain & Simple 1st Edition Very Good Book <u>https://twit.tv/shows/windowsweekly</u> Win 10, etc. Microsoft Books <u>http://www.amazon.com/Windows-Plain-Simple-Nancy-Boysen/dp/0735697949</u> <u>Windows 10 All-in-One for Dummies</u> - See Page 5 below

http://www.belarc.com/ Your PC's HW, SW audit,

The Kim Komando Show - stations and times -Tuneln, just Google "<u>komando tunein all</u> <u>stations</u>" Listen free on weekends. <u>www.komando.com/downloads/2321/6-essential-</u> <u>types-of-security-software-you-must-have/all</u>

Komando On Demand Podcasts and News <u>http://www.komando.com/listen/komando-on-</u> <u>demand?utm_medium=nl&utm_source=notd&</u> <u>utm_content=2015-11-28-a-a</u> Facebook too

https://news.komando.com/?utm_medium=nl& utm_source=notd&utm_content=2015-11-28article_4-title

Tim Greer, Microsupport says Acronis True Image <u>and</u> Carbonite, each has pluses. 602-404-4245, 480-232-1101, <u>microsupport.com</u> CryptoPrevent Installation -- Facebook tooMicroSupport.com by Ray Moore

Google: Joe Shipley computer, (480) 227-2725 <u>http://joeship.us/</u> Computer Repair & Services in Gilbert, Chandler, Mesa, Tempe Facebook

Carey Holzman, <u>Carey@CareyHolzman.com</u>, <u>https://www.youtube.com/results?search_quer</u> <u>y=carey+holzman</u> Phoenix, upgrades, repairs

Gene Barlow sells <u>Acronis True Image for</u> <u>Windows</u> 10, 8.1, 8, 7, Vista, XP, Apple Macs. <u>http://www.ugr7.com/</u>. Ask for latest email on Windows 10 and <u>user group discounts</u>! Barlow's 2017 Newsletter – quarterly newsletter free <u>http://ugr7.com/newsletter-signup.html</u> Facebook

SPSI Computer Specialists Peoria, Az Facebook <u>www.spsi-az.com/</u>, contact Troy, 602-997-7335

WINDOWS 10, CLONE HARD DRIVE FIRST

Windows 10 Update https://www.google.com/search?q=Windows+10+U pdate+&ie=utf-8&oe=utf-8

We appreciate support by: (on Facebook too)

- * College America <u>collegeamerica.com/phoenix</u>
- * University of Advancing Technology uat.edu
- * Maricopa County Library, Fountain Hills mcldaz.org/custom/branches/fountainhills.aspx

Also, Google all their Facebook pages

BRING A FRIEND!! WE NEED MEMBERS!! YOU CAN ASK QUESTIONS AT MEETINGS!

David Yamamoto

2017 GENERAL MEETINGS CALENDAR

For date and time changes, check: <u>www.phoenixpcug.org</u>

PRESENTATIONS THIS MONTH

Social Security Problems, Computer topics, Windows 10 https://www.microsoft.com/en-us/

WEST SIDE: CollegeAmerica (see map page 18)

- Tuesday, Nov 14, 2017

- 6:00 PM Steering Committee and (Election of Officers Nov & Dec)
- 6:30 PM Questions and Answers, Viewing websites, etc.

EAST SIDE: University of Advancing Technology (see map page 18)

- Wednesday, Nov 15, 2017

- 6:30 PM - Questions and Answers, Viewing websites, etc.

FOUNTAIN HILLS: Fountain Hills Library (see map page 18)

- Thursday, Nov 16, 2017

- <u>5:30 PM</u> - <u>New Time</u>! Questions + Answers, Viewing websites, etc.

<u>Meetings For Year 2017:</u> <u>Reserve UAT Oct to Dec- 2017</u> Oct 17-18-19, Nov 14-15-16, Dec 19-20-21

http://www.weeklycalendartemplate.com/november-2017-calendar-cute-2304.html

			lonadi	tompic				7 outoridui	
Nove	ember 2	2017 (USA	A)		Calendarpedia Your source for calendars			
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
			1	2	3	4			
5	6	7	8	9	10 Veterans Day (observed)	11 Veterans Day			
12	13	14	15	16	17	18			
19	20	21	22	23 Thanksgiving Day	24	25	14	15	16
26	27	28	29	30					

http://www.weeklycalendartemplate.com/

All meetings based on the 3rd Wednesday of each month REMEMBER*: PAY YOUR DUES! Thanks, only \$36 / year or \$3 / month. <u>Introducing Windows® 10</u> <u>http://Microsoft.com/Windows10</u> Transform the Way You Work & Play. The Future Starts Now. Learn More. <u>http://www.popsci.com/everything-you-missed-at-microsofts-build-2017-developers-conference</u> Caution & Red Alert: Always do full PC backups prior to installing any software!!! (<u>DY: Read our previous newsletters for more info</u>!!!)

https://www.amazon.com/Texas-Weather-Studio-Battery-Reconditioning/product-reviews/B01GON1G72

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David Yamamoto, President of Phoenix PC Users Group, <u>www.phoenixpcug.org/newsletters</u> For our <u>Special Newsletters</u>, etc. see our <u>Health</u> newsletter at the above web link and other ones soon.

WESTERN WILDFIRES: https://www.nbcnews.com/storyline/western-wildfires

"History of Thanksgiving In 1621, the Plymouth colonists and Wampanoag Indians shared an autumn harvest feast that is acknowledged today as one of the first Thanksgiving celebrations in the colonies. For more than two centuries, days of thanksgiving were celebrated by individual colonies and states. http://www.history.com/topics/thanksgiving/history-of-thanksgiving History of thanksgiving turkey - http://tinyurl.com/ybtva976 Also for Native Americans: https://www.salon.com/2016/11/23/thanksgiving-a-day-of-mourning-for-native-americans/ https://www.hawaii.com/blog/thanksgiving-hawaiian-style http://ktar.com/story/1361274/12-most-beautiful-destinations-in-arizona/ History of Thanksgiving in Canada http://tinyurl.com/y96aahb8 1948 Caterpillar D8 First Start 2012 https://www.youtube.com/watch?v=yC15E1gIMKE John Deere Tractor https://www.youtube.com/watch?v=2Ypvuzpti1Q

Paul Thurrott https://www.thurrott.com/ Mary Jo Foley http://www.zdnet.com/blog/microsoft/ http://tinyurl.com/h4kr658 Google Technology News http://tinyurl.com/zjwzga6 Google Science News http://tinyurl.com/zyhtyto Google Business News http://tinyurl.com/hn2tcr9 Google Health News http://www.zdnet.com/article/microsoft-releases-first-windows-10-redstone-3-pc-test-build/ http://www.computerworld.com/ http://www.networkworld.com/ http://www.zdnet.com/ https://www.pcmag.com/dvorak https://twit.tv/ https://twit.tv/shows?shows active=1 http://www.pcworld.com/ https://www.pcmag.com/ http://www.popphoto.com/ http://www.popphoto.com/2016-annual-readers-contest-winners-and-finalists https://techcrunch.com/ http://mashable.com https://www.onlineprivacyfoundation.org/ Wordpress, build a website: https://www.google.com/search?q=wordpress+reviews&ie=utf-8&oe=utf-8 http://www.popsci.com/ Popular Science Popular Science 137 year archive available online for FREE | Gizmo's Here: https://books.google.com/books/serial/ISSN:01617370?rview=1&source=gbs navlinks s&hl=en http://emagazinepdf.com/2017/05/popular-mechanics-june-2017-usa/ Popular Mechanics - June 2017 USA & more Scientific American: Science News, Articles, and Information https://www.scientificamerican.com/ National Geographic http://www.nationalgeographic.com/ http://www.nationalgeographic.com/magazine/2017/09/holland-agriculture-sustainable-farming/ http://www.sciencemag.org/ https://arstechnica.com/

Yahoo & Bing can search many technology and science topics also!

Open Source Software of the Month

By Geof Goodrum, Potomac Area Technology and Computer Society November 2016 Issue, PATACS Posts <u>www.patacs.org</u> linux (at) patacs.org

Blobwars: Metal Blob Solid – v2.0. <u>https://sourceforge.net/projects/blobwars/</u>. Free GNU General Public License source code and executables for Microsoft® Windows®, FreeBSD®, Apple® macOS[™] and GNU/Linux® by Hans de Goede, Guus Sliepen, Stephen Sweeney and Parallel Realities. Metal Blob Solid is a 2D platform game, the first in the Blobwars series. You take on the role of a fearless Blob agent, Bob, whose mission is to infiltrate various enemy bases and rescue as many MIAs as possible, while battling many vicious aliens.

Features include:

- Over 25 missions
- More than 8 hours gameplay!
- 4 difficulty settings

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- Large levels with different environments, such as water, lava, ice and slime
- Use a variety of different weaponry, including machine guns and laser cannons
- Multiple objectives
- Great music from DJ Sjors, Ambick, SinQ and LizardKing
- Jetpack and Aqua Lung items to find
- Optional blood and gore
- Boss Battles!
- Joypad support with configurable controls
- Configurable keyboard support

• Level replay value - Return to previous levels to rescue all MIAs and optional objectives [Screenshots at <u>https://sourceforge.net/projects/blobwars/]</u>

GraphicsMagick – v1.3.25. <u>http://www.graphicsmagick.org/</u>. Free MIT and other Open Source license source code and executables for Microsoft® Windows®, FreeBSD®, Apple® macOS[™] and GNU/Linux® by Bob Friesenhahn, Glenn Randers-Pehrson and the GraphicsMagick Group. GraphicsMagick is the Swiss Army knife of image processing. It provides a robust and efficient collection of tools and libraries that support reading, writing, and manipulating an image in over 88 major formats including DPX, GIF, JPEG, JPEG-2000, PNG, PDF, PNM, and TIFF.

GraphicsMagick supports huge images and has been tested with gigapixel-size images. GraphicsMagick can create new images on the fly, making it suitable for building dynamic Web applications. GraphicsMagick may be used to resize, rotate, sharpen, color reduce, or add special effects to an image and save the result in the same or different image format. Image processing operations are available from the command line, as well as through C, C++, Lua, Perl, PHP, Python, Tcl, Ruby, Windows .NET, or Windows COM programming interfaces.

Features include:

- Convert an image from one format to another (e.g. TIFF to JPEG)
- Resize, rotate, sharpen, color reduce, or add special effects to an image
- Create a montage of image thumbnails
- Create a transparent image suitable for use on the Web
- Compare two images
- Turn a group of images into a GIF animation sequence
- Create a composite image by combining several separate images
- Draw shapes or text on an image
- Decorate an image with a border or frame
- Describe the format and characteristics of an image

[Screenshot at https://a.fsdn.com/con/app/proj/graphicsmagick/screenshots/gm-snap.jpg]

Kernel Source – v4.8.5. <u>http://www.kernel.org/</u>. Free GNU General Public License source code for all platforms by the Linux community.

Klavaro Touch Typing Tutor – v3.02. <u>http://klavaro.sourceforge.net/</u>. Free GNU General Public License source code for Microsoft® Windows®, FreeBSD®, Apple® macOS[™] and GNU/Linux® by Felipe Castro (executables for older versions are available from third-party sources). Klavaro is a touch typing tutor that supports customizable keyboard layouts.

Features include:

• Internationalization: ar bg bn ca cs da de el en_GB eo es eu fi fr gl hu hr it kk ky nb nl pa pl pt_BR ru sl sv te uk ur vi wo zh_CN (if you want to translate to another language, please read the instructions for translation)

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- Ready to use keyboard layouts:
 - "qwerty" (ÅR; BG; BG_2; BR; BR_abnt2; CZ; EL; EO; ES; EU; HE; IN; IT; JP; KK; NB; PT; SE; TR; UK; UR_crulp; UR_nla; US)
 - Dvorak (BG; BR; DE_neo2; EO; FR; FR_bépo; TR; UK; US; US_BR; US_ES; US_SE)
 - "qwertz" (CZ; DE; HR; HU; SL)
 - "azerty" (FR; FR_ibook; BE)
 - "jtsuken" (RU; RU_typewriter; UA)
 - Colemak (US)
 - AlphaGrip5 (US)
- Keyboard layout editor: configure the key positions and save the result in a simple text file. If your keyboard isn't shown above, you can create it.
- Basic course: a basic type of course is available for memorizing the keys positions on the keyboard. It is supposed to be independent from keyboard layout, by the generation of random character sequences to be followed by the student.
- Adaptability exercises: these exercises use all the keys randomly, so that you can practice using all the keyboard. It's named adaptability exercise because it develops the capacity to adapt your typing skills to any kind of strange words that may appear in some texts.
- Velocity exercises: one achieves velocity on typing when the environment is well known, or, when the words come from one's own language. That's why these exercises focus on velocity. And even if your language isn't supported by the application, you still can indicate texts in any language to include the words contained there.
- Fluidness exercises: with these exercises, one works typing complete paragraphs, with good sense sentences. Typing errors aren't accepted: the user must correct them with the backspace key before being allowed to go on. Special attention is given to the typing rhythm, which must be as uniform as possible. Just like the velocity exercises, this one can load any text files, independent of language.
- Progress charts: at the accomplishment of each exercise, some characteristics of your performance are saved and can be shown graphically. Thus, you can easily observe your learning progress (or regress).
- Including other texts: facilities to import text and use them with the advanced modules (velocity / fluidness). You can launch a dialog to select a local file of the system; you can paste text already copied to the clipboard; and more, you can select, drag and drop text at the entry box in the bottom of the tutor window. This two last facilities work, for example, with text selected in your browser, from any preferred page of yours.
- Semi-online contest: for the last training module (fluidness), there is a scoring scheme to rank users accordingly to their touch typing skills. The ranking is done only locally, for users in a shared machine, or it may be enabled to send the local data to a web server, where they will be processed and a global ranking will be publicly available. Then the program would be running as an "online" game.
- Clean graphical interface: when learning to type correctly, one must not get the attention off the exercises. So, it isn't recommended to have dozens of gauges measuring velocity, errors, time, etc; nor a virtual keyboard floating in front of the student: he/she must memorize the key positions by the tact, not visually. Hence, Klavaro's interface started simple and will remain like that for all of its lifetime.

[Screenshots at https://sourceforge.net/projects/klavaro/]

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NAS4Free – v10.3.0.3-2964. <u>http://www.nas4free.org/</u>. Free NAS4Free (BSD) License bootable ISO image by Daisuke Aoyama, Michael Zoon, Michael Schneider et al. The NAS4Free operating system can be installed on virtually any hardware platform to share computer data storage over a computer network (i.e., turn an old PC into a secure network file server). 'NAS' as in "Network-Attached Storage" and '4Free' as in "Free and open source", NAS4Free is the simplest and fastest way to create an centralized and easily-accessible server for all kinds of data!

NAS4Free supports sharing across Windows, Apple, and UNIX-like systems. It includes ZFS, Software RAID (0,1,5), disk encryption, S.M.A.R.T / email reports, etc. with following protocols/services: CIFS/SMB (i.e., Windows network file system), Samba AD, FTP, NFS v4, TFTP, AFP, RSYNC, Unison, iSCSI, UPnP, Bittorent, Syncthing, VirtualBox and noVNC, Bridge, CARP (Common Address Redundancy Protocol) and HAST (Highly Available Storage).

This can be managed by an easily configurable web interface. [Screenshots at <u>http://www.nas4free.org/index.php?id=4]</u>

Sweet Home 3D – v5.2. <u>http://www.sweethome3d.com/</u>. Free GNU General Public License source code and executables for Microsoft® Windows®, Apple® macOS[™] and GNU/Linux® by Emmanuel Puybaret and eTeks. Sweet Home 3D is an interior design application that helps you to quickly draw the floor plan of your house, arrange furniture on it, and visit the results in 3D.

Features include:

- Draw walls and rooms upon the image of an existing plan, on one or more levels
- Drag and drop doors, windows and furniture from a catalog onto the plan
- Update colors, texture, size and orientation of furniture, walls, floors and ceilings
- View all changes simultaneously in the 3D view from any view point
- Create photorealistic images and videos with various light sources
- Import additional 3D models and export the plan in various standard formats

[Screenshots at http://www.sweethome3d.com/gallery.jsp]

Open Source Software of the Month - September

By Geof Goodrum, Potomac Area Technology and Computer Society September 2016 Issue, PATACS Posts <u>www.patacs.org</u> linux (at) patacs.org

crosti/Stitch Designer – v1.13.2. <u>https://sites.google.com/site/crostiapp/</u>. Free GNU General Public License source code and executables for Microsoft® Windows®, Apple® macOS™, Google Android and GNU/Linux® by Sergey Levin. This tool allows you to make your own unique cross stitch scheme from a custom image. You can resize and rotate the image, reduce the number of colors, change image palette, make cross stitch scheme, preview it, save and print. Cross stitch scheme edits include changing colors and icons, adding new color, color fill, scheme pixel draw, lines and half-stitches.

Features include:

- Convert custom image to cross stitch scheme
- Edit cross stitch scheme
- Save and print the scheme that you created
- Input pictures: BMP, GIF, ICO, JPEG, JPG, MNG, PBM, PGM, PNG, PPM, SVG, TIF, TIFF, XBM, XPM
- Output cross stitch scheme: BMP, ICO, JPEG, JPG, PNG, PPM, TIF, TIFF, XBM, XPM, PDF, CST (crosti scheme text file)

[Screenshots at https://sites.google.com/site/crostiapp/desktop]

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jGnash – v2.24.0. <u>https://sourceforge.net/projects/jgnash/</u>. Free GNU General Public License source code and executables for Microsoft® Windows®, Apple® macOS[™] and GNU/Linux® by Craig Cavanaugh. jGnash is a cross platform personal finance application written in Java. Features include:

- Double Entry Accounting with reconciliation tools
- Budgeting with multiple scenario options and export to spreadsheet capability
- Investment Accounts and automatic import of Stocks, Bond, and Funds price history
- Nestable accounts with automatic rollup of totals and intelligent handling of mixed currencies
- OFX, QFX, mt940, and QIF import capabilities
- Reminders and automatic transaction entry and notifications
- Intelligent handling of multiple currencies and exchange rates with automatic online exchange rate updates
- Printable reports with PDF and spreadsheet export capability
- XML and relational database file formats
- Operates on any mainstream PC operating system

[Screenshots at https://sourceforge.net/projects/jgnash/]

Kernel Source – v4.7. <u>http://www.kernel.org/</u>. Free GNU General Public License source code for all platforms by the Linux community.

PDFsam – v3.1.0. <u>https://sourceforge.net/projects/pdfsam/</u>. Free Affero GNU Public License source code and executables for Microsoft® Windows®, Apple® macOS[™] and GNU/Linux® by Andrea Vacondio. PDF Split and Merge (PDFsam) is an easy-to-use desktop tool with graphical, command line and web interfaces. Features include:

- Merge PDF files together
- Split PDF files specifying the page number
- Split PDF files specifying the level of bookmarks
- Split a PDF in files of the given size
- Rotate PDF files
- Mix two PDF files taking pages alternately
- Extract pages from PDF files

[Screenshots at https://sourceforge.net/projects/pdfsam/]

SuperTuxKart – v0.9.2. <u>https://supertuxkart.net/Main_Page</u>. Free GNU General Public License source code and executable for Microsoft® Windows®, Apple® macOS[™] and GNU/Linux® by Joerg Henrichs, Marianne Gagnon, Jean-Manuel Clemençon and the SuperTuxKart Team. SuperTuxKart is a 3D open-source arcade racer with a variety characters, tracks, and modes to play, focusing on fun and ease of play. Features include:

- Race with Tux and friends
- Explore several tracks
- Play against AI or in split-screen mode against your friends
- Play in various modes, including Time Trial, Grand Prix and 3 Strikes Battle

[Screenshots at https://supertuxkart.net/Pictures]

Open Source Software of the Month

By Geof Goodrum, Potomac Area Technology and Computer Society October 2016 Issue, PATACS Posts <u>www.patacs.org</u> linux (at) patacs.org

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Audacity – v2.1.2. <u>http://www.audacityteam.org/</u>. Free GNU General Public License source code and executables for Microsoft® Windows®, Apple® macOS[™] and GNU/Linux® by James Crook, Martyn Shaw, Vaughan Johnson and Gale Andrews. Audacity® is free, open source, cross-platform audio software for multi-track recording and editing.

Features include:

- Record live audio
- Record computer playback on any Windows Vista or later machine
- Convert tapes and records into digital recordings or CDs
- Edit WAV, AIFF, FLAC, MP2, MP3 and Ogg Vorbis sound files
- AC3, M4A/M4R (AAC), WMA and other formats supported using optional libraries
- Cut, copy, splice or mix sounds together
- Numerous effects including change the speed or pitch of a recording

[Screenshots at http://www.audacityteam.org/about/screenshots/]

Battle for Wesnoth – v1.12.6. <u>https://www.wesnoth.org/</u>. Free GNU General Public License source code and executables for Microsoft® Windows®, Apple® macOS[™] and GNU/Linux® by David White et al. The Battle for Wesnoth is a turn-based tactical strategy game with a high fantasy theme, featuring both singleplayer, and online/hotseat multiplayer combat. Fight a desperate battle to reclaim the throne of Wesnoth, or take hand in any number of other adventures. Features include:

- Cross-platform: runs on Windows, Mac OS X, Linux, and others
- Single-player mode: campaigns and skirmish
- Multiplayer mode: networked and hotseat, cooperative and competitive
- Multilingual: over fifty available translations to choose from
- Extensible: user-made content from the add-ons server

[Screenshots at https://wiki.wesnoth.org/Screenshots]

Clonezilla – v2.4.7-8. <u>http://clonezilla.org/</u>. Free GNU General Public License source code and bootable media image by Steven Shiau, K. L. Huang, Ceasar Sun, Jazz Wang, Thomas Tsai, Jean-Francois Nifenecker, Louie Chen, and Nagappan Alagappan. Clonezilla is a partition and disk imaging/cloning program similar to True Image® or Norton Ghost®. It helps you to do system deployment, bare metal backup and recovery. Two types of Clonezilla are available, Clonezilla live and Clonezilla SE (server edition). Clonezilla live is suitable for single machine backup and restore. While Clonezilla SE is for massive deployment, it can clone many (40 plus!) computers simultaneously. Clonezilla saves and restores only used blocks in the hard disk. This increases the clone efficiency. With some high-end hardware in a 42-node cluster, a multicast restoring at rate 8 GB/min was reported.

Features include:

- Many File systems are supported: (1) ext2, ext3, ext4, reiserfs, reiser4, xfs, jfs, btrfs, f2fs and nilfs2 of GNU/Linux, (2) FAT12, FAT16, FAT32, NTFS of MS Windows, (3) HFS+ of Mac OS, (4) UFS of FreeBSD, NetBSD, and OpenBSD, (5) minix of Minix, and (6) VMFS3 and VMFS5 of VMWare ESX. Therefore you can clone GNU/Linux, MS windows, Intel-based Mac OS, FreeBSD, NetBSD, OpenBSD, Minix, VMWare ESX and Chrome OS/Chromium OS, no matter it's 32-bit (x86) or 64-bit (x86-64) OS. For these file systems, only used blocks in partition are saved and restored. For unsupported file system, sector-to-sector copy is done by dd in Clonezilla.
- LVM2 (LVM version 1 is not) under GNU/Linux is supported.
- Boot loader, including grub (version 1 and version 2) and syslinux, could be reinstalled.

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- Both MBR and GPT partition formats of hard drive are supported. Clonezilla live also can be booted on a BIOS or uEFI machine.
- Unattended mode is supported. Almost all steps can be done via commands and options. You can also use a lot of boot parameters to customize your own imaging and cloning.
- One image restoring to multiple local devices is supported.
- Image could be encrypted. This is done with ecryptfs, a POSIX-compliant enterprise cryptographic stacked filesystem.
- Multicast is supported in Clonezilla SE, which is suitable for massively clone. You can also
 remotely use it to save or restore a bunch of computers if PXE and Wake-on-LAN are
 supported in your clients.
- The image file can be on local disk, ssh server, samba server, NFS server or WebDAV server.
- AES-256 encryption could be used to secures data access, storage and transfer.
- Based on Partclone (default), Partimage (optional), ntfsclone (optional), or dd to image or clone a partition. However, Clonezilla, containing some other programs, can save and restore not only partitions, but also a whole disk.
- By using another free software drbl-winroll, which is also developed by us, the hostname, group, and SID of cloned MS Windows machine can be automatically changed.

Minimum System Requirements for Clonezilla live:

- x86 or x86-64 processor
- 196 MB of system memory (RAM)
- Boot device, e.g. CD/DVD Drive, USB port, PXE, or hard drive

Limitations:

- The destination partition must be equal or larger than the source one.
- Differential/incremental backup is not implemented yet.
- Online imaging/cloning is not implemented yet. The partition to be imaged or cloned has to be unmounted.
- Due to the image format limitation, the image can not be explored or mounted. You can _NOT_ recover a single file from the image.
- Recovery Clonezilla live with multiple CDs or DVDs is not implemented yet. Now all the files have to be in one CD or DVD if you choose to create the recovery ISO file.

[Screenshots at http://clonezilla.org/screenshots/?in path=/00 Clonezilla]

Kernel Source – v4.7.2. <u>http://www.kernel.org/</u>. Free GNU General Public License source code for all platforms by the Linux community.

Wmail – v1.3.1. <u>https://github.com/Thomas101/wmail</u>. Free redistributable source code and executables for Microsoft® Windows®, Apple® macOS[™] and GNU/Linux® by Thomas Beverley. Wmail is the missing desktop client for Gmail & Google Inbox, bringing the Gmail & Google Inbox experience to your desktop in a neatly packaged app.

This is a small release with some bugfixes and performance improvements. Nonetheless, you should totally upgrade. It still contains all the awesome from all the previous releases.

Features include:

- Windows Support
- You can now hide and show the sidebar thanks to @alexweber
- Added an option for accounts not add unread count to app unread
- Ability to set default download location

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- Custom account images
- Open link in background appears in right click menu
- Toggle menu bar linux, thanks to @jamesbvaughan
- Option to open links in background
- Tray icon color picker
- You can now change your account colour in the side menu
- The settings dialog has been tidied up a little
- Notifications & Unread counts
- The unread count is updated in a more responsive way
- Notifications now show subject and sender
- Option to disable notification sound
- Option to disable notifications completely
- Notifications no longer trigger on messages more that 2 days old stopping an onslaught the first time you launch the app
- Notifications no longer trigger when you press mark as unread in gmail
- Unread count in tray icon
- Menu and keyboard shortcuts for re-opening menus (cmd+n)
- Menu and keyboard shortcut for preferences
- Support for dark menu bar on OSX
- Services menu in menu bar
- Keep the app open on linux after closing main window thanks to @russiancow
- Dragging the black sidebar now drags the window
- Updated electron to the latest version for bug fixes and performance
- Updated a bunch of libraries and framework for better stability and latest security fixes, etc.

[Screenshot at

https://raw.githubusercontent.com/Thomas101/wmail/master/github_images/screenshot1.png]

Lessons in Rental Car Privacy

By Geof Goodrum, Potomac Area Technology and Computer Society November 2016 Issue, PATACS Posts <u>www.patacs.org</u> Director1 (at) patacs.org <u>http://www.nncug.net/wp-content/uploads/2013/02/NNCUG-Newsletter-1-17.pdf</u> Page 19

Shareware and Freeware

By Kent Mulliner, Past-President, Bristol Village Computer Club, OH September 2016 issue BVCC Newsletter <u>www.bvres.org</u> webmaster (at) bvres.org

http://www.scvcomputerclub.org/uploads/2/4/8/1/24819277/2016 september dataline.pdf Page 11

Computerworld Microsoft - Windows 10

http://link.computerworld.com/view/593963aa24c17c3fcacde9385zgl4.5mj/dd39cb1c : "Woody On Windows: https://www.computerworld.com/blog/woody-on-windows/?nsdr=true"

<u>"Woody on Windows, By Woody Leonhard, Columnist, Computerworld | Sept 11, 2017</u> 9:06 PM PT https://www.computerworld.com/blog/woody-on-windows/ https://askwoody.com/

http://www.infoworld.com/resources/111525/microsoft-windows/windows-10-installationsuperguide#tk.ifw-infsb http://www.infoworld.com/newsletters/signup.html#tk.ifw-infsb http://www.infoworld.com/article/3136336/microsoft-windows/woodys-win10tip-how-to-figure-outyour-windows-10-version.html https://tweakhound.com/2016/10/23/delaying-windows-10-updates/

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https://www.askwoody.com/win10-tips/ Like what you see? Pick up a copy of my 986-page "Windows 10 All-in-One for Dummies 2nd Edition" at Amazon US or Powell's Bookstore. https://www.amazon.com/Windows-All-One-Dummies-Computers/dp/1119310563 \$14.55 used

The most comprehensive guide to Windows 10, updated with the latest enhancements

If you're new to Windows 10 and want an authoritative and accessible guide to the basics of the widely used operating system, Windows 10 All-in-One For Dummies is the book for you.

Windows 10 Redstone: A guide to the builds By Preston Gralla Contributing Editor, Computerworld http://tinyurl.com/y8fdarca (http://www.computerworld.com/article/3118132/...) Jul 10, 2017 10:45 AM PT

APCUG 2017 Videos https://www.youtube.com/user/APCUGVideos

"What's new in <u>Windows Defender</u> ATP Fall Creators Update <u>https://blogs.technet.microsoft.com/mmpc/2017/06/27/whats-new-in-windows-defender-atp-fall-</u> creators-update/ Windows Defender Advanced Threat Protection (Windows Defender ATP)

Enhanced Mitigation Experience Toolkit (EMET) which are now built into Windows. With the addition of EMET technology, companies will be able to apply advanced vulnerability mitigations on legacy apps running on Windows 10 without the need to recompile them.

Another powerful <u>Windows Defender Exploit Guard</u> capability will allow automatic blocking of websites known to host malicious code, by leveraging <u>Windows Defender SmartScreen</u> knowledge base. The integration between <u>Windows Defender ATP</u> and <u>Windows Defender Exploit Guard</u> is designed to offer new prevention capabilities that offer smarter and adaptive defenses for companies using our service (Figure 1)." Long article, DY

"<u>Windows Defender Advanced Threat Protection Detect</u>, investigate and respond to advanced attacks. <u>https://www.microsoft.com/en-us/WindowsForBusiness/windows-atp</u> <u>What's the cost?</u> Post-breach detection, investigation and response

Even the best endpoint defenses will be breached eventually, as cyberattacks become more sophisticated and targeted. Windows Defender Advanced Threat Protection (ATP) helps our enterprise customers detect, investigate, and respond to advanced attacks and data breaches on their networks."

With Patch Tuesday imminent, make sure you have Automatic Update turned off

You have to patch sooner or later, but there's no reason to directly expose your machine to malformed missives from Microsoft http://www.computerworld.com/article/3206705/microsoft-windows/with-patch-tuesday-imminent-make-sure-you-have-automatic-update-turned-off.html?google_editors_picks=true

Koomers

"TechBoomers.com - Free Website 36 Major Courses and App Courses <u>https://techboomers.com/ https://techboomers.com/c/social-websites</u> TechBoomers.com is a free educational website that teaches older adults and others with basic computer skills how to use popular websites and apps. (Seems excellent: DY) <u>https://techboomers.com/p/facebook_https://techboomers.com/t/delete-facebook-account</u>

"SLO Bytes, PUSH Archives <u>http://slobytes.org/push/index.html</u> (12 years of articles! <u>Massive</u>! DY) These articles have been provided to APCUG by the author solely for publication by APCUG member groups.

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Congress - dumb about technology?

https://www.google.com/search?q=Congress+-+dumb+about+technology&ie=utf-8&oe=utf-8 https://www.wired.com/2016/04/office-technology-assessment-congress-clueless-tech-killed-tutor/ Apr 21, 2016 - Congress has a STEM problem. It needs independent science and technology advisers, like it used to have. Of Course Congress Is Clueless About Tech—It Killed Its Tutor | WIRED Also: https://www.wired.com/2016/04/senates-draft-encryption-bill-privacy-nightmare/

Stingray phone tracker - Wikipedia https://en.wikipedia.org/wiki/Stingray phone tracker

https://twit.tv/shows/windows-weekly/ https://twit.tv/shows/windows-weekly/episodes/534?autostart=false

Get the Windows 10 Creators Update - Microsoft Support https://support.microsoft.com/en-us/help/4028685/windows-get-the-windows-10-creators-update

The best enterprise tips and tricks for Windows 10 Here's how to speed up Windows 10, keep it running smoothly, protect your privacy and more...

https://www.computerworld.com/article/3205864/microsoft-windows/the-best-enterprise-tips-andtricks-to-get-the-most-from-windows.... Use this instead: http://tinyurl.com/yaef6x4u Preston Gralla Load the above URL into Firefox private window and print using CUTEPDF (FREE), save to desktop.

<u>https://www.microsoft.com/en-us/ignite/default.aspx</u> Discover sessions from <u>Microsoft Ignite</u>, Orlando Start your training now with 800+ hours of <u>Microsoft Ignite 2016</u> keynotes, overviews, deep dives, and more. <u>Prepare for 2017</u>. Check out the Session Catalog. <u>https://www.microsoft.com/en-us/ignite/about</u>

APCUG Videos <u>http://www.downyoutube.net/channel/UCxDTDRVp6jZy_MTSoq7mJsq</u> APCUG 2017 Fall Virtual Technology Conference (VTC26) -

https://apcug2.org/apcug-2017-fall-virtual-technology-conference-vtc26/ APCUG 2017 Fall Virtual Technology Conference (VTC26). Posted in Virtual Tech Conference. The Fall VTC will be held on Saturday, November 4, 2017. A preview of ...

<u>Arizona Science Bowl YouTube Arizona http://tinyurl.com/ycfqxc6z http://tinyurl.com/y8yblk99</u> for: Arizona Science Bowl Volunteer Update - high school and junior high school STEM students <u>http://mailchi.mp/6226293d510f/save-the-date-2018-science-bowl-events?e=ccb75542f8</u> PRIZES!!

National Science Bowl Brochure - DOE Office of Science - Department ... <u>https://science.energy.gov/~/media/wdts/nsb/pdf/science_bowl_brochure.pdf</u> <u>http://nationalsciencebowl.energy.gov</u> ... dedication to advance the frontiers of science. The National Science Bowl would like ... to cash prizes and scholarships.

Key Dates | U.S. DOE Office of Science (SC) <u>https://science.energy.gov/wdts/nsb/key-dates/</u> Aug 10, 2017 - 2018 National Science Bowl Calendar of Events.

9 free Wi-Fi stumbling and surveying tools Google Chrome is about to warn you even more about insecure sites https://finance.yahoo.com/news/google-chrome-warn-even-insecure-sites-154836523.html

"Windows by the numbers: Windows 7 acts like it will live forever - Migration watch: In September, Windows 7 surrendered some user share, but it still refused to plan for retirement. <u>https://www.computerworld.com/article/3199373/windows-pcs/windows-by-the-numbers-windows-7-falls-further-behind-xps-march-to-retirement-pace.html#tk.drr_mlt</u>

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Microsoft has set <u>Windows 7's retirement for January 2020</u>, a date that is quickly approaching. The slower Windows 7 declines in user share, the greater the chance that panicked businesses will overspend to replace the operating system with Windows 10, causing a repeat of the chaotic end times of Windows XP. With 30 months left before Microsoft retires Windows 7, the stalwart OS stayed in command of the personal computer world."

https://krebsonsecurity.com/tag/credit-freeze/

Equifax is offering one free year of their credit monitoring service. In addition, it has put up a Web site <u>www.equifaxsecurity2017.com</u> — that tried to let people determine whether they were affected. ...it is safer to assume you ARE compromised.

https://help.equifax.com/s/article/What-are-the-security-freeze-fees-in-my-state

Nobel Prize

https://news.google.com/news/search/section/q/nobel%20prize%202017/nobel%20prize%202017?hl=en&ned=us

Ig Nobel 2017 winners

https://www.google.com/search?q=ig+nobel+2017+winners&source=Inms&tbm=vid&sa=X&ved=0ahU KEwiR767ivqbXAhUMx2MKHelcDalQ_AUICygC&biw=972&bih=468

REPLACING SOCIAL SECURITY NUMBERS WON'T BE EASY, BUT IT'S WORTH IT

https://www.wired.com/story/social-security-number-replacement/

https://www.wired.com/story/equifax-breach-no-excuse/

https://www.wired.com/story/equifax-ceo-congress-testimony

https://pages.nist.gov/800-63-3/

(DY: More info: https://www.wired.com/story/social-security-number-replacement/

The Equifax Breach Exposes America's Identity Crisis https://www.wired.com/story/the-equifax-breach-exposes-americas-identity-crisis/

Microsoft ends its last free Windows 10 upgrades on December 31st If you want Windows' accessibility features, you'd better hurry. <u>https://www.engadget.com/2017/11/04/microsoft-ends-its-last-free-windows-10-promo-on-december-31st/</u> <u>https://www.engadget.com/2016/07/24/microsoft-free-windows-10-upgrade-end-psa/</u> Windows 10 news <u>https://www.google.com/search?q=windows+10+news&ie=utf-8&oe=utf-8</u> Windows 10 latest update 2017 <u>http://tinyurl.com/y7gcwa8z</u>

Interesting Old Time Videos: Gail Davis / (Annie Oakley on TV) Death Valley Days S1E5 The Little Bullfrog Nugget <u>https://www.youtube.com/watch?v=D559ZYM7Wew&t=1511</u> Gail Davis as Annie Oakley, Roy Rogers & Dale Evans, The Lone Ranger & Tonto, Zorro, The Sheriff of Cochise, Death Valley Days, Sea Hunt & Mike Nelson, Paladin, and more ... all on YouTube.com

Old sci fi movies <u>https://www.google.com/search?q=old+sci+fi+movies+online&ie=utf-8&oe=utf-8</u>

Defending the U.S. from North Korea's nuclear threat

North Korea is on the verge of having an ICBM capable of hitting the U.S. homeland. 60 Minutes goes inside the intelligence center at the heart of the United States' defense

https://www.cbsnews.com/news/defending-the-u-s-from-north-koreas-nuclear-threat/

After years of threatening to burn the United States in a sea of fire, North Korea is on the verge of having an intercontinental ballistic missile -- an ICBM -- capable of hitting the American homeland with Page 14 (DY: Read our previous newsletters for more info!!!)

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a thermonuclear warhead. The missile is called the Hwasong -- which translates to Mars, the Roman God of War.

North Korea's brash, young dictator Kim Jong Un is not there yet and will need several more tests before he has a weapon he can count on. Still, the chairman of the Joint Chiefs calls it the greatest threat facing the U.S. today. Defense Secretary James Mattis went to the DMZ two days ago and vowed to stand with South Korea against the north.

Tracking that threat, and helping to come up with defenses against it, is the job of the National Air and Space Intelligence Center, NASIC for short, located near Dayton, Ohio. If you've never heard of NASIC, that's because television news cameras have never been inside its operations center -- until now.

This is the God of War, North Korea's intercontinental ballistic missile. https://cbsnews3.cbsistatic.com/hub/i/r/2017/10/28/92de15dd-6a61-412a-8ab1-6b9c34e30b03/resize/770x/d636315b6f548c3b307814cc463eaf75/nasic-animation-1.jpg

Tom Boyd: They've been referred to as the ultimate weapon. They get to the target very quickly. An ICBM has a reentry velocity on the order of four to five miles per second, so there's very little time to react.

So how long before North Korea can really threaten the American homeland with an ICBM? Tom Boyd: Probably several more flight tests, but ultimately if they want to have confidence that the system works as intended they have to flight test it and prove that reentry vehicle can survive realistic reentry conditions.

David Martin: So that really is then the moment of truth when they launch, if they launch, a ballistic missile out over the Pacific Ocean at a range approximating what it would take to reach the United States.

Tom Boyd: That would give them higher confidence that the system really works as they want it to. At the rate North Korea is testing, U.S. intelligence estimates that could happen as early as next year.



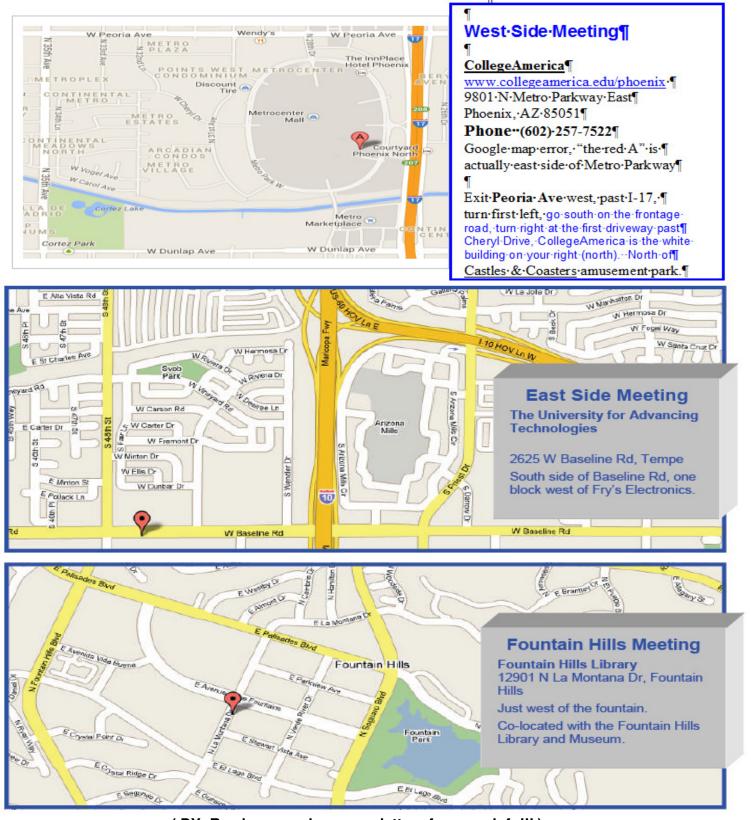
https://www.cbsnews.com/news/qatars-emir-stands-defiant-in-face-of-blockade/ Qatar is the non-conformist of the region, an upstart that often refuses to go along with Saudi Arabia and the United Arab Emirates. In the mid-nineties, Qatar started the satellite news channel AI Jazeera, which has been a major irritant to autocratic regimes across the Arab world, but the list of complaints goes deeper.

The 11 Best Comic Book Movies You Can Stream Right Now, From ... <u>https://www.wired.com/story/best-comic-book-movies-streaming/</u> <u>https://www.wired.com/story/best-sci-fi-streaming/?mbid=BottomRelatedStories</u>

Funniest Joke I Ever Heard 1984 Jimmy Stewart <u>https://www.youtube.com/watch?v=3lilCcSH8iY</u>

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HOW TO GET THERE - MAPS TO MEETINGS



(<u>DY: Read our previous newsletters for more info</u>!!!)

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MEMBERSHIP DUES

The Official Policy of the Phoenix PC Users Group is that we do not condone software piracy in any form.

2017 DUES \$36, prorated **Example - \$9 for 3 months**

Phoenix PC Users Group Membership Application

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Home or Cell Phone:	Work Phone:		Ext:					
	phone numbers outside the club, ar contact you in a timely fashion, via							
Receive Electronic PDF newsle	etter in place of a printed one:	Yes	No	-				
E-mail address:								
(Print Legibly)								
Signature		Date	/	/				
Release my address to vendor	s? Yes No No	ote: Pho	ne numbe	rs will not be				
listed.								
May the club share your e-mai	l address with other members on	nly?	Yes	No				
With club approved vendors?			Yes	No				
Mail this completed form with	payment to:							
	Phoenix PC Users Group PO Box 45451 Phoenix, AZ 85064-5451							

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The Newsletter of the Phoenix Personal Computer Users Group "Users helping users to understand computers".

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PLEASE NOTE - OUR NEW ADDRESS