

Help Wanted: Treasurer



Our Treasurer's position is vacant and we need a member to volunteer for this vital position on the PATACS Board of Directors.

This job entails writing about twenty-five checks and making a dozen deposits per year, and preparing the monthly financial report and annual report for the Board of Directors and membership.

Please email your expression of interest to: president (at) patacs.org

Musings of an Apple Tyro

by Lorrin R. Garson
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Keylogger on HP Computers

According to an article in PCWorld (see <http://bit.ly/2pLaF2E>), "Nearly thirty different Hewlett-Packard Windows PC models may be recording every keystroke their owners make and storing them in a human-readable file accessible to any user on the PC. Oh, boy." This would make sensitive information like usernames and passwords readable by anyone with access to your machine. See <http://bit.ly/2qjpo6z> for a complete list of the

HP models impacted. The article in PCWorld provides information for remedying this problem and, fortunately, it isn't very complicated.

Biannual Updates for Windows 10 and Office

Good news for Windows and Office users, according to PCWorld (see <http://bit.ly/2oeV8vY>), Microsoft has committed to releasing updates for these two products every September and March. The next update to Windows will occur in September and is announced as the Fall Creators Update.

Useful Tips for Google Chrome

If you use Google Chrome (a) to pin frequently used Web sites, (b) reopen a tab you didn't mean to close, (c) expand the size of text in a browser page and other things, see <http://bit.ly/2q1CGmY>.

Microsoft Surface Studio

For many years, the publishing industry and design studios have used Apple computers. Microsoft's Surface Studio, and future competitors from HP and Dell, offer serious alternatives. See <http://bit.ly/2p2y2Wr>. The top-of-the-line 27-inch iMac with Retina 5K display is priced at around \$4,000. The Surface Studio costs

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about \$4,200. The outdated Mac Pro starts at \$3,000 and goes up from there—way up. Current Mac users won't switch easily, but...

An iCar?

Is Apple developing an iCar or an autonomous driving system, or both? Would it be a Rolls-Royce competitor with a concomitant price? Rumors are floating around; see <http://bit.ly/2oVsQoU> and <http://cnet.co/2p5G3Ko>. Competition in this business is growing fast.

New Small Charger

Historically, chargers for laptop have been called “bricks” for good reason. They are big and heavy. FINSIX is now selling “the world’s smallest laptop charger” for USB Type-C laptops. It is called the DART-C, is 2.5 x 1 x 1 inches in size and provides 65W of power. It supports the newest USB Type-C laptops including Apple MacBook and MacBook Pro, Lenovo ThinkPad 13, ASUS ZenBook 3 and Dell XPS 13 and is priced at \$99.99. See <https://store.finsix.com/products/dart-c>.

Blocking Unwanted Appointments in Calendar

Are you irritated by spammers putting appointments in your Calendar, or perhaps just mildly annoyed by someone you know being able to do so? Deleting or declining such appointments can signal to spammers that “you’re alive and well”. However unwanted appointments can be blocked by the following procedure¹.

1. Access your iCloud account by going to <https://www.icloud.com> and log-in.
2. Left-click on “Calendar”.
3. Left-click on the gear icon in the lower left

corner of the Calendar display then select “Preferences”.

4. Left-click on the “Advanced” icon at the top of the screen.
5. At the bottom of the screen in “Invitations” select “Email to Me@Where.com”.
6. Left-click on “Save”

For more information see <http://bit.ly/2p3NkMb>.

What’s New with iWork

Although Apple has dropped the name iWork, its major components Pages (desktop publishing/word processing), Numbers (spreadsheets) and Keynote (presentations) are alive and well. These applications are available for both macOS and iOS devices. Apple’s office automation suite is functionally equivalent to Microsoft Word, Excel and PowerPoint, respectively. Pages, Numbers and Keynote are available at no cost from the Apple App Store². These Apple applications can import and export Microsoft file formats (for example .docx to/from .pages), but don’t expect perfect fidelity in appearance or function. Undoubtedly Microsoft Office is “the gold standard” for office automation, but most users only use a fraction of the capabilities of these programs and the corresponding Apple programs are quite adequate for most people³. In Table 1 are links to useful information about these three Apple applications.

There are other free software packages for Mac computers that compete with Microsoft Office—for example OpenOffice (<https://www.openoffice.org/download>) LibreOffice (<https://www.libreoffice.org>) and

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¹ This procedure must be done in your iCloud account on the Web using your browser on an Apple computer; not within Calendar on your computer. In this case Calendar in macOS Sierra, version 10.12.4. Other versions of macOS and/or iCloud may require different procedures.

² Also, available at no charge are iMovie and GarageBand.

³ The author has used Microsoft Office for many years and continues to use this software in the Apple world, even though the corresponding Apple software would be adequate.

Table 1. Pages, Numbers and Keynote

Application	The Latest Information	Apple Tutorials	Tutorial Videos
Pages 6.1	http://apple.co/2pHf5er	https://support.apple.com/pages	http://bit.ly/2pxGsXN
Numbers 4.1	http://apple.co/2pEqTMA	https://support.apple.com/numbers	http://bit.ly/2qFyE4b
Keynote 7.1	http://apple.co/2p50WDQ	https://support.apple.com/keynote	http://bit.ly/2pFIKTb

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Google Docs (<https://www.google.com/docs/about>). Interested in the history of iWork? See <https://en.wikipedia.org/wiki/IWork>.

Apple's Second Quarter Earnings

If you're interested in how Apple's business is going, see <http://bit.ly/2pEyeLV>. iPhone sales are down 1% (year-over-year) but revenues are up. iPad sales are down 12% and sales of Mac computers unchanged. Revenues from services are up 18% and Apple Pay transactions are up 450%. Sales of Apple Watch have doubled. Third quarter earnings should be out soon.

Anti-malware Software for Macs

The discussion as to whether Apple computers need antivirus/anti-malware software has gone on for years. The answer is yes and no... no and yes. Macworld has published an excellent article on the topic; see <http://bit.ly/2pS3F3U>.

Upcoming Meetings

Refer to the PATACS Event Calendar on the back cover or <http://patacs.org/mtgdetpat.html> for meeting time and location.

July 15, 2017 (Fairfax)

Learn in 30: Eclipse Prep

Presented by Bill Walsh

The continental United States will experience a very rare coast-to-coast solar eclipse on August 21, 2017. PATACS Secretary Bill Walsh will share with us online resources and other information you need to understand and prepare for it.

Bill Walsh is the always affable PATACS Secretary, and OLLI and PATACS meeting setup "czar," one of the outstanding volunteers who keeps PATACS running. Bill is a lover of geek toys, and has previously given presentations on radio frequency spectrum and software defined radio, digital audio recorders, and useful software utilities.

Extended Q&A

PATACS experts will address your questions on technology topics.

Presentation: Windows 10 - Gripes, Tips, Secrets, Resources

Presented by Ray Parker

Guest speaker Ray Parker will address your questions about Microsoft Windows 10 and share his insights.

Ray Parker was the guest presenter for the November 2016 PATACS meeting about HD Sentinel software.

July 24, 2017 (Arlington)

Technology & PC Help Desk

Extended Question and Answer session; discuss topics of interest, share knowledge and get help with technology issues.



If You Missed It

by Geof Goodrum

Director, Potomac Area Technology and Computer Society
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If you can't make a meeting in person, remember that members can participate in meetings remotely (and at no additional charge beyond Internet connection service) via Zoom teleconferencing. See <http://zoom.us/> for Apple® macOS™ and iOS, GNU/Linux®, Google Android™

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and Microsoft® Windows® clients. The Zoom meeting link is provided in emailed meeting announcements.

Remember: you must be physically present at the end of the meeting to be eligible for door prizes.

May 20, 2017 (Fairfax)

PATACS President Paul Howard started the meeting addressing protection from malware, including tablets and smartphones. There are anti-malware products for mobile devices available through the official app stores. [Publishers of antivirus/antimalware apps strongly push their products, but security experts say the risk is very low if you only install apps from official app stores and obey browser warnings about dangerous web sites. Apply only official vendor updates for the OS and apps. Consider whether you trust the security app (and its publisher, which may be outside of the US) to have complete control over your mobile device. See <https://www.av-test.org/en/antivirus/mobile-devices/android/> for independent ratings of Android security apps.]

A member thanked PATACs for assistance with repairing an odd-sized power supply on an old computer, and was able to purchase a replacement power supply online.

Paul reviewed topics scheduled for meetings in August and September, but is looking for volunteers to present Learn in 30 sessions.

Q&A Session

Q: Gabe Goldberg bought a new Dell printer that has a very thin setup manual. Should he install the software from the included CD or download it from the Dell website? What are some tips on setting up a WiFi printer on a network?

A: Nick Wenri advised downloading the software. [This generic link might help with the second question - <http://www.wikihow.com/Set-Up-a-Wireless-Printer-Connection>. Secure your network and your printer, or anyone nearby can use your printer.]

Comment: Gabe Goldberg noted that he added a Google Cardboard VR viewer (<https://vr.google.com/cardboard/>) to the door prize box. A member said that one article cautions about neurological effects of VR [not sure what article was cited, but see <https://www.theguardian.com/technology/2016/mar/19/long-term-effects-of-virtual-reality-use-need-more-research-say-scientists>].

Learn in 30: FlightRadar24

Presented by Bill Walsh

Paul Howard introduced Bill Walsh, Secretary for PATACS, and one of the volunteers who makes things go in the group.

Bill talked about FlightRadar24 (<https://www.flightradar24.com>), a web site and mobile app that provides live information about aircraft in flight. Bill said that his interest started after he added skylights to his house and wondered about the origins and destinations of airplanes following a flight path overhead. He started with FlightAware (<https://flightaware.com/>), but that service was not very reliable for the information he was looking for.

Bill demonstrated that FlightRadar24 provides a “live” view of aircraft locations on a web browser map, and information about the flights in the left sidebar, though some aircraft are not shown (e.g., Air Force One). Clicking on an aircraft icon provides detailed information about that flight, including origin and destination airport, aircraft type, altitude and speed. You can track a flight of interest if you need to pick up passengers at the airport. Selecting an aircraft icon will track the selected flight on the map. The map can be changed to give terrain and satellite views of the earth’s surface. There is a playback button to view past flight information.

Bill noted that sometimes FlightRadar24 doesn’t track aircraft location precisely, as location is based upon data received and a projected estimate, and sometimes the plane icons move strangely on screen.

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True enthusiasts can apply to receive a ADS-B (https://en.wikipedia.org/wiki/Automatic_dependent_surveillance_broadcast) receiver that receives data from nearby aircraft and uploads flight information in near-real time to the web site.

FlightRadar24 has tiered subscription services: Basic for free, Silver for \$9.99/year, Gold for \$34.99/year, Business for \$499.99/year. More detail is at <https://www.flightradar24.com/premium/>.

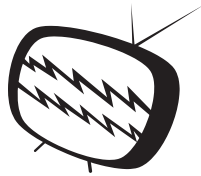
FlightRadar24 has a Beta (test) feature that renders a simulated 3D view of the aircraft in flight (<https://www.flightradar24.com/blog/exploring-the-new-flightradar24-3d-view/>). Also, the mobile app has an augmented reality feature that identifies aircraft visible in the live view from the device's camera.

Bill's handout (PDF format) and video of his presentation are available from the PATACS Recent Meetings web page (<http://www.patacs.org/recmtgspat.html>).

Note: Bill's demo was the first to use the Barco ClickShare system (<https://www.barco.com/en/clickshare>) at OLLI to wirelessly cast FlightRadar24 app screen from a smartphone to the projection screen and Zoom web conference.

Watching TV on the Internet: Trends in TV Viewing

Presented by Rick Ellrod
Fairfax County Communications Policy
and Regulation Division



Paul Howard introduced Rick Ellrod, who works with cable franchises in Fairfax County, keeps track of trends in the county, and advises the county [see <http://www.fairfaxcounty.gov/cable/regulation/>].

Mr. Ellrod introduced the term "Over the Top (OTT) Video" for video programming delivered via the Internet as an alternative to traditional cable television. OTT requires Internet service with a robust connection. People only want specific channels, and are using OTT to

supplement or replace their cable subscriptions. In Fairfax, OTT is most often used to supplement cable service, but Mr. Ellrod is watching for a trend.

Some of the popular OTT video providers include Netflix (<https://www.netflix.com/>), Hulu (<https://www.hulu.com/>), YouTube (<https://www.youtube.com/>), and Amazon (<https://amazon.com/prime>). OTT programmers are also providing original programming (e.g., House of Cards), which is growing by leaps and bounds. There is also a difference between on-demand and live (linear) programming, for example live ESPN sports via SlingTV (<https://www.sling.com/>). Other examples of OTT include the Sony PlayStation Vue service (<https://www.playstation.com/en-us/network/vue/>), which streams video through the Sony Playstation gaming console providing service, and HBO Now (<https://order.hbonow.com/>), which provides HBO programming over the Internet without requiring video service via cable or satellite.

The OTT provider is distinct from the cable provider, so the billing is separate. However, some cable providers also provide OTT video: Cox "TV Everywhere" (<http://coxinnovates.com/tv-everywhere/>) and "TV Online" (<https://www.cox.com/residential/tv/watch-tv-online.html>), Verizon "Watch FiOS Now" (<http://tv.verizon.com/>) and Comcast's "TVGo" (<https://tv.xfinity.com/>). Verizon's Go90 app (<https://www.verizonwireless.com/solutions-and-services/apps/go90/>) provides free Internet content (for now).

Mr. Ellrod surveyed various devices to receive and view OTT video on a TV include Roku (<https://www.roku.com/>), Google Chromecast (https://www.google.com/intl/en_us/chromecast/), Amazon Fire TV Stick (<https://www.amazon.com/firetvstick>), and Apple TV (<https://www.apple.com/tv/>), as well as Blu-Ray and TiVo players (<https://www.tivo.com/>), game consoles and "Smart" TVs. The common connector to hook-up

video devices is HDMI (High Definition Multimedia Interface, <https://en.wikipedia.org/wiki/Hdmi>). Personal computers [and mobile devices] can also display OTT video programming directly.

However, Mr. Ellrod noted that “old fashioned” television, or Over the Air (OTA) TV received via antenna, is better than it used to be with the introduction of digital technology and new antennas. However, you must use the TV’s menu to scan for channels and rescan regularly as the available channels change. The limitation is that only local broadcast channels are available, not the cable channels.

[See <http://www.antennaweb.org/> for information about local broadcast channels.]

Technology and available sources continue to change and no one knows how the market will evolve. Virtual Reality (VR) is a trending technology that provides an immersive, 3D virtual environment using a headset (either dedicated hardware such as Vive, Oculus Rift and PlayStation VR, or a smartphone holder like Samsung Gear and Google Cardboard). Potential applications include real estate, education, gaming, and touring.

Mr. Ellrod also mentioned recent policy and legal developments, including Net Neutrality (https://en.wikipedia.org/wiki/Net_neutrality) and recent moves by the Federal Communications Commission (FCC) to eliminate it. The FCC invited public comment online (<https://www.fcc.gov/restoring-internet-freedom>), and the issue is very active.

Q: Is there any way to search YouTube for specific programs?

A: Yes. YouTube provides a search function. [See video at <http://websearch.about.com/video/How-to-Search-Effectively-on-YouTube.htm>.]

Q: What is the source for OTT video stick devices?

A: Get these directly from the vendors. [See previous vendor links in this article.]



Comment: Gabe Goldberg said that OTT provider Layer3 (<https://layer3tv.com/>) is entering the Fairfax market. He is still trying to find out more about how it works, and how regulation applies. It is promoted as a new cable company, but apparently makes deals with local cable companies to deliver content over the Internet.

Q: Is the sports surcharge from Cox cable unavoidable?

A: Surcharges are listed as line items on the cable bill, which allows cable companies to present the basic cable rate as lower than it is, but these surcharges are really part of the basic rate. This is a national practice.

Q: How can I avoid redundant charges?

A: If you want Roku service, you need a Roku device. That is, you only need hardware for a particular service (Gabe Goldberg noted that the Roku box also supports other services like Netflix and Hulu). If a program is available via cable service, there is no need to get Internet service for the same program. But HBO and other services could introduce programming unique to their Internet service.

Q: Does one need a new set top box for new services?

A: Not necessarily. All of these work using existing Internet router equipment.

Q: It is difficult to avoid “Triple Play” service bundles. Are there realistic options to shave a few bucks?

A: It takes effort to do the research; there are many options to consider. There are cost savings, but it is your decision whether it is worth the effort.

Q: Is TiVo still worth the fee?

A: TiVo is still useful for “time shifting” programs. [See https://en.wikipedia.org/wiki/Time_shifting.]

Q: What time shifting options are available?

A: Popular options include TiVo and Digital Video

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Recorders (DVRs) built into the cable box. Both usually have monthly fees. TiVos can be expensive over time. The DVR cable box may be less expensive. [There are DVRs that are one-time purchase without fees, e.g., [http://www.dvrwithoutsubscriptionhub.com/.](http://www.dvrwithoutsubscriptionhub.com/)]

Comment: Don't buy a Smart TV, as the built-in apps can be difficult to use. Buy a Roku box and a lower-cost TV instead, or use a Roku in place of an existing Smart TV's apps.

Comment: If you encounter buffering delays in video streams over WiFi, you might try using a WiFi range extender.

Q: What is the advantage of a 4K TV?

A: [See https://en.wikipedia.org/wiki/4K_resolution.] Get a 4K TV and add a Roku box. 4K video content will increase over time.

The Fairfax County web site (<http://www.fairfaxcounty.gov/cable/>) provides tips for those buying a TV.

Q: Is there a possibility of bandwidth issues with Verizon fibre?

A: No. The limitation is mostly in the electronics at the end points.

Q: What is the concern about privacy with Amazon Echo and Smart TVs?

A: The device input is piped off to the Internet cloud somewhere, where the data is processed. Agency responsibility for regulation is not clear. [See [https://www.consumerreports.org/privacy/how-to-turn-off-smart-tv-snooping-features/.](https://www.consumerreports.org/privacy/how-to-turn-off-smart-tv-snooping-features/)]

A video of Mr. Ellrod's presentation is available on the PATACS Recent Meetings web page (<http://www.patacs.org/recmtgspat.html>).

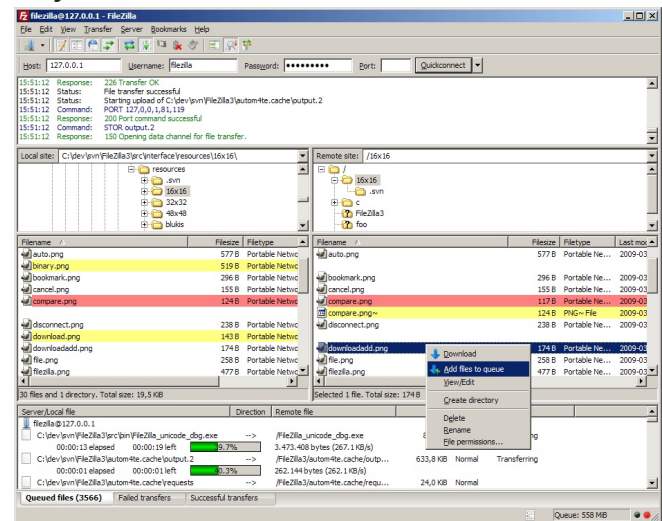
Open Source Software of the Month

by Geof Goodrum

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Filezilla – v3.26.2. <https://filezilla-project.org/>. Free GNU General Public License source code and executables for Microsoft® Windows®, Apple® macOS™, FreeBSD and GNU/Linux® by Tim Kosse.

FileZilla® is a cross-platform FTP, SFTP, and FTPS client with a vast list of features. FileZilla's dynamic tools help you move files between your local machine and your Web site's server effortlessly. For example, Filezilla lets you compare your files with in-directory server files to manage file syncing. You can also tab browse between servers and transfer files to them simultaneously, as well as edit server files on the go. A FileZilla server is also available (Windows only).



Features include:

- Easy to use
- Supports FTP, FTP over SSL/TLS (FTPS) and SSH File Transfer Protocol (SFTP)
- Cross-platform. Runs on Windows, Linux, *BSD, Mac OS X and more
- IPv6 support
- Available in many languages
- Supports resume and transfer of large files >4GB
- Tabbed user interface
- Powerful Site Manager and transfer queue
- Bookmarks
- Drag & drop support
- Configurable transfer speed limits
- Filename filters
- Directory comparison
- Network configuration wizard

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Versatile Maintenance Tracker – v2.4.5.
<http://vmt.sourceforge.net/>. Free Open Source license Java source code and executable for Microsoft® Windows®, Apple® macOS™ and GNU/Linux® by Eric Williams. Versatile Maintenance Tracker (VMT, formerly Vehicle Maintenance Tracker) is a GUI-based Java program that will track the maintenance of multiple properties. Property can include vehicles, boats, planes, buildings, etc. The aim of this project is to be comparable or better than Auto-Do-It (now defunct). VMT was written in Java (Java 1.6.23 or newer required).

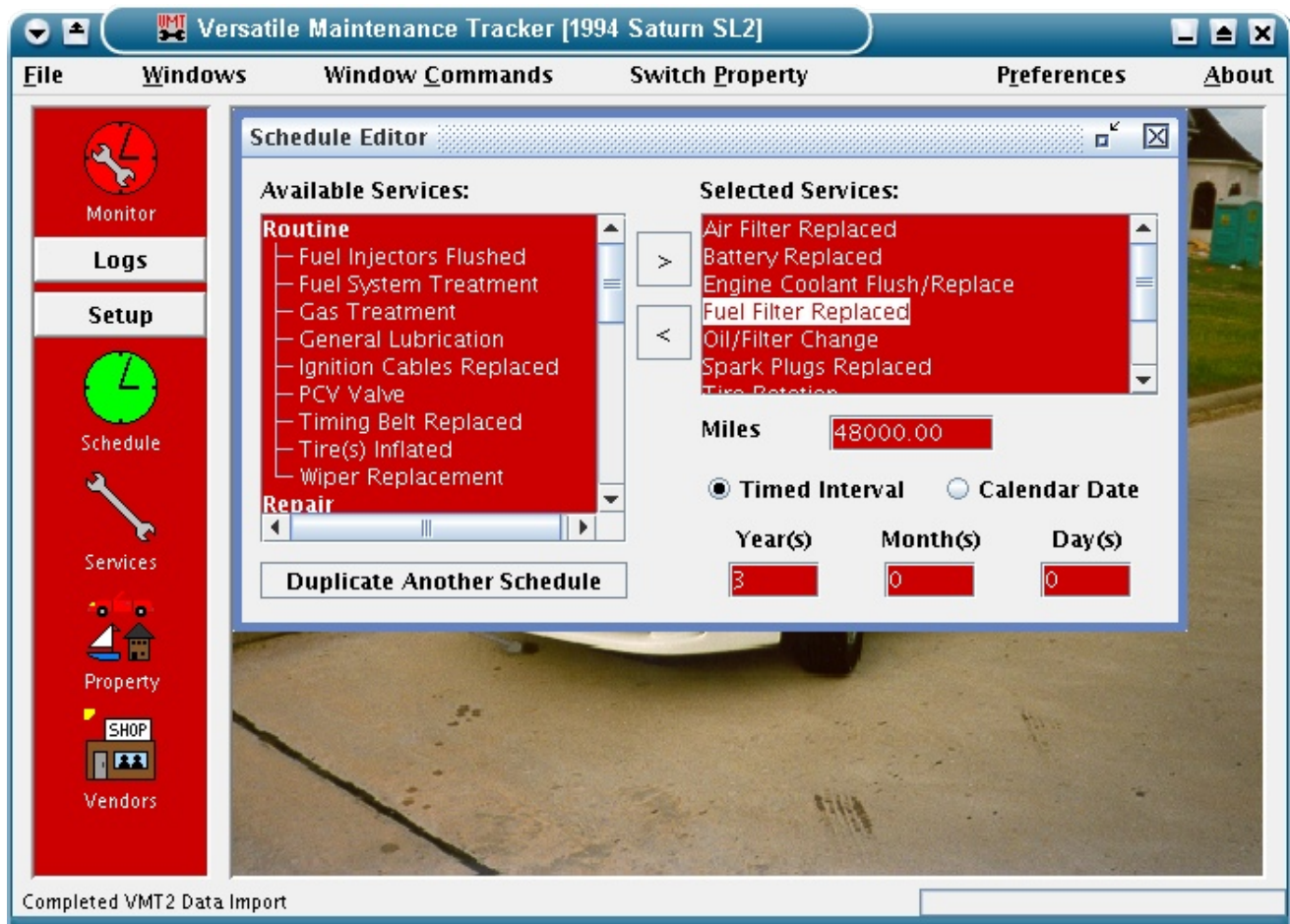
The user is able to create a maintenance schedule for each property. Each time the user adds a fuel or maintenance record, VMT will notify the user of maintenance that needs to be completed.

Please keep in mind that the program is still under development and does have bugs. Save your work frequently. If you find a bug, report it.

Features include:

- Notify user of necessary maintenance
- Display/create maintenance schedule
- Display/create fuel records
- Display/create maintenance records
- Generate reports
- Graph recent distance per fuel ratio (with bugs)
- Manage services
- Manage vendors
- Manage properties
- Archive properties to a separate file
- Read/write VMT files

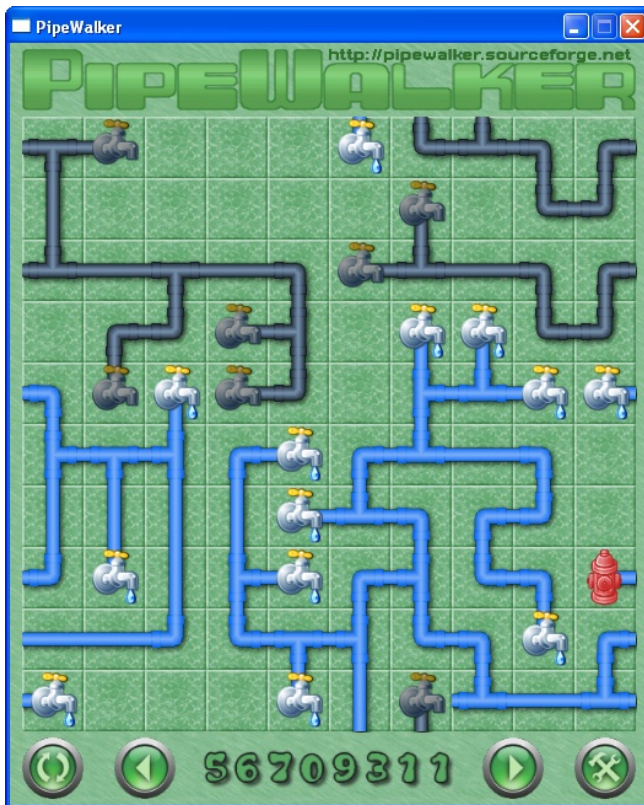
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Versatile Maintenance Tracker Schedule Editor

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PipeWalker – v0.9.4. <http://pipewalker.sourceforge.net/>. Free GNU General Public License source code and executables for Microsoft® Windows® and GNU/Linux® by Artem Senichev. This is a puzzle game in which you need to combine the components into a single circuit: connect all computers to a network server, bring water to the taps, etc. The game supports themes stored as a set of textures in PNG file.



Upgrade Your Router, Part 1

by Michael Shalkey

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jweighle (at) vcnet.com

What is a router?



When you purchase Internet access from a provider (the phone company or cable company) they normally provide a modem (a combined device for **modulation** and **demodulation** of the analog signal of a telephone line or coax cable and your computer) but that was only providing Internet to one device in your house.

A router is basically a very small computer that takes that one Internet signal and shares it with up to 256 devices.



These days, your provider may even provide a combination device that does both, a modem/router that translates the signal (modulate and demodulate) as well as acts as a router—even sometimes a wireless router.

Here is the problem: Internet providers are notoriously cheap and will provide you the cheapest hardware to do the job. This means from the time it left the factory it will remain unchanged for years. Can you imagine what your computer would look like if it never was updated from the day it was first turned on yet accessed the Internet every day? It would have been taken over by bad guys and even used to attack other people within the first week—perhaps the first hours.

Why don't Internet providers update their own equipment? Money. It would take time and money to change things for their customers – and even if they found an easy and quick way to do it, the cost of handling the support phone calls if things were even slightly different afterwards would stop companies from changing anything.

Why YOU should update your equipment's software

It has been recently reported that many hardware manufacturers have put in “back doors” to their equipment that don't require a username and password to connect and change settings on their hardware. Criminals have also found these back doors and can use them to see all the computers on your network and every Internet search—including your usernames and passwords to banks, emails, and other sensitive

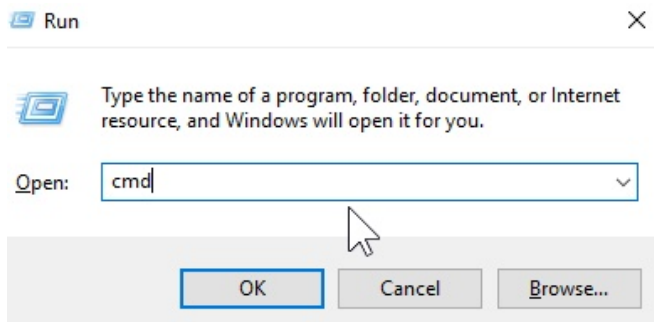
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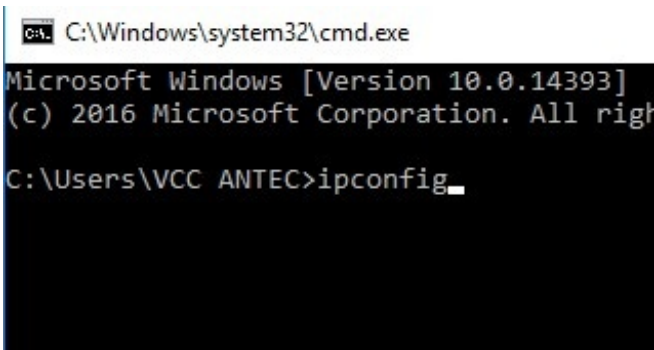
sites. Also hackers know very well the default usernames and passwords for commercial routers so that even without a back door, they can access many routers.

First step

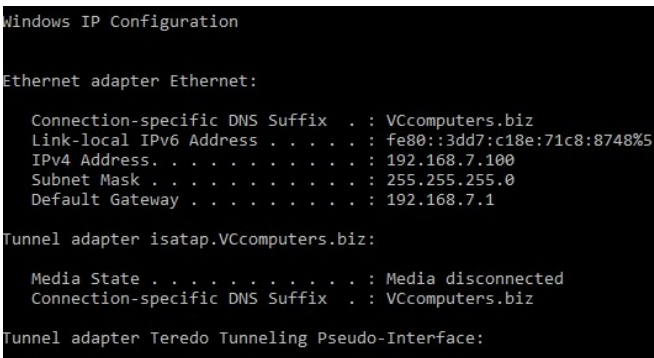
If you do nothing else, first change the default username and password of your router. To access your router, first you must know it's address. From a command prompt (Windows key + R to open a Run window, type cmd and click OK), type



ipconfig and then the Enter key.

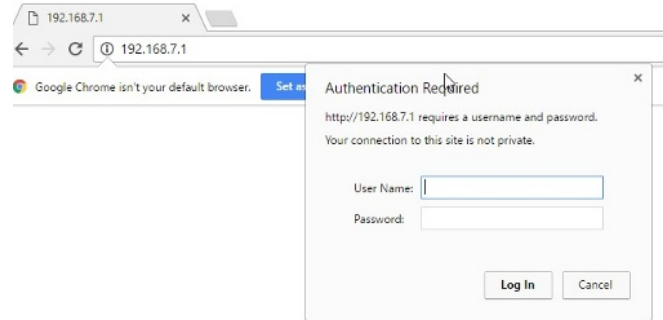


What you will end up with is a bunch of numbers you will need to continue to the next step.



The Default Gateway is the “address” of your router

The next step is to open the browser of your choice and in the address bar type the Default Gateway address. No www, but just the numbers as they appear. You should now be asked for your



User Name and Password to view and change settings in this router. This is one of the main reasons to do all this work: the default usernames and passwords are known to all technicians and hackers around the world. If you want to know the username and password for yours, just Google the answer by putting in your model number (“Linksys WRT54G v3 default username password”) and you will find most are user name of admin and password of admin.

The first thing you should do for safety is change that. You can use any username and password you want but I recommend put a sticker or post-it note on the router itself with the username and password.

On this router that is done on the Administration tab and the Management screen (Figure 1). It doesn't allow you to change the username, but you CAN change the password. Again, be sure to write it down.

The next thing most people want to do is change the wireless network name (SSID Service Set Identifier) and password.

On this router that is found on the Wireless tab. In this example I have already changed my SSID to the name BlueBox (Figure 2).

On the Wireless Security tab you can change the password for the wireless by clicking on the

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Wireless Security tab. You can choose any password you like, but again, write it down.

One last thing you should always change is remote administration. On this router it is on the same screen as the one for changing to password.

If you really understand what these words mean, you'll understand why you want it disabled. Remote management means you don't have to be on your local network—in your house—in order

to manage this router and change settings. I can't imagine a scenario where I would want to change settings in my router when I am not at home. I certainly can't imagine a scenario where I would want someone else to change settings in my router. I would HIGHLY recommend that this be set to Disable (Figure 3).

Next month we will go over changing the firmware on your router to have new features and security.



Figure 1. Change the Linksys Router's Default Password

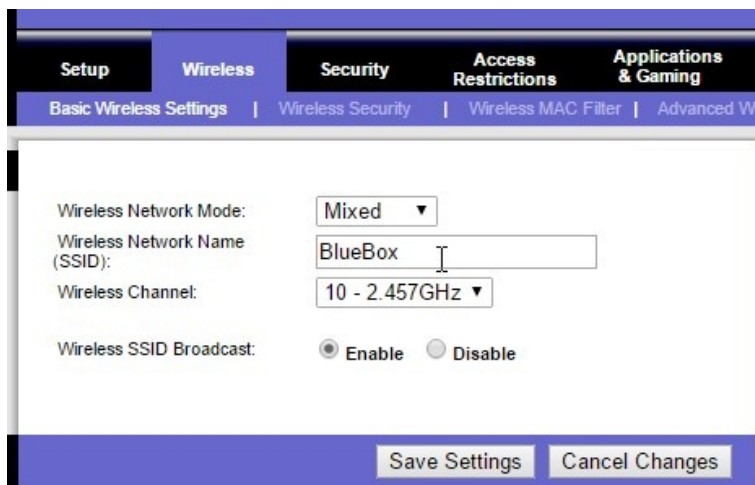


Figure 2. Change the Wireless SSID Setting

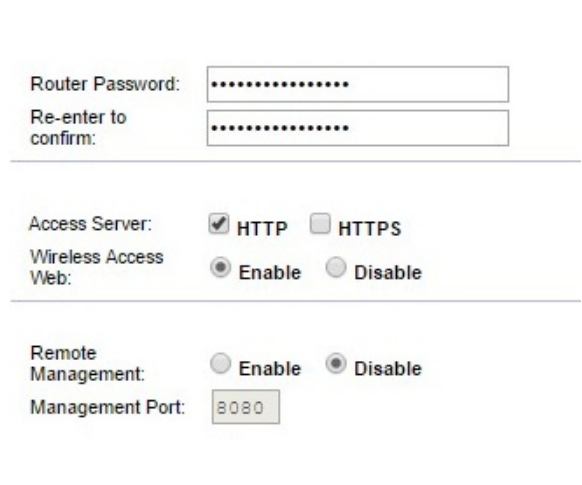


Figure 3. Disable Remote Management

Help Wanted: Meeting Speakers

Finding presenters for our meeting programs is difficult—your help in the effort to enhance the value we all receive from PATACS membership would be greatly appreciated!

Please consider speaking to your friends at an Arlington or Fairfax meeting. We'd love to feature your take on a smart phone or tablet app. A presentation on these or other topics of interest to you would undoubtedly be welcomed by your PATACS colleagues. We have space in our schedule for 15, 30, 60 and 75 minute discussions—what are you waiting for?

We also have ready-made paragraphs you could use in e-mail communications to help us find speakers. Contact: [director2\(at\)patacs.org](mailto:director2(at)patacs.org)



Shopping on Amazon.com? Don't Forget PATACS!

If you shop online at Amazon.com, don't forget to start each session by clicking the Amazon link on the PATACS home page, then continue shopping on Amazon as usual. Doing so earns PATACS a 4 to 6.5% commission on your purchase at no additional cost to you.

Thank you for supporting your user group!

PATACS Email Discussion List



Join the PATACS members-only email list to discuss topics of mutual interest, ask and answer questions, share resources, convey news, and increase our sense of shared community with fellow members.

Visit <https://groups.yahoo.com/neo/groups/PATACS-b/info> for more information.

Special Membership Promotion

Current members who bring a new member to the organization will receive a six month extension of their



membership. New member is defined as someone who has not been a member in the thirty-six months prior to month of received application. The new member should list your name as the 'source' of their membership on the application form (pick up at meetings or download from <http://patacs.org/membershipat.html>).

APCUG Resources

PATACS is a member of the Association of Personal Computer User Groups (APCUG), a worldwide organization that helps technology user groups by facilitating communications between member groups and industry vendors.

Spring 2017 Virtual Technology Conference Videos

Picking the Best Backup Approach presented by Gene Barlow, UGR Relations
<https://youtu.be/rIJa7j57dY>

Home Automation presented by Bill James, Computer Club of Oklahoma City
https://youtu.be/9mnl_06EM1g

Tune Up Your Windows PC presented by Jere Minich, Lake Sumter Computer Society
<https://youtu.be/F0kw3ETQVQ4>

Photo Editing with the GIMP presented by Dennis Rex, SoCal Linux Expo
<https://youtu.be/XYyRNtOacio>

Crypto Viruses presented by Toby Scott, Channel Islands PCUG
<https://youtu.be/hvaMPRNgb7o>

Alternative to Closing Your Computer Club presented by Ray Baxter, Payson Area Computer Society
https://youtu.be/XPa_OeAZ7yQ

Archived Presentations

Presentation PDFs and handouts can be found at: <https://apcug2.org/category/virtual-tech-conference/>.

JCA SeniorTech Training

JCA SeniorTech Computer Centers offer diverse senior-friendly (50+) technology classes (personal computers, tablets, smartphones, online security, etc.). Offerings include beginner and intermediate computer classes in Windows 7, Windows 8, Windows 10, Excel, iPad and iPhone, email, photos, and social media.

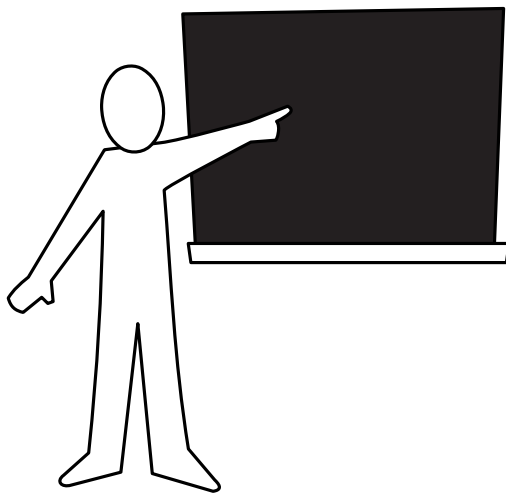
SeniorTech is a service of the Jewish Council for the Aging (JCA). Within the limits of its resources, JCA serves people of all faiths and from all walks of life.

For additional information about SeniorTech courses, call 240-395-0916 or 703-652-1512. A course catalog is available for download at <http://www.accessjca.org/programs/technology-training/>.

Washington DC Area Training Locations

Asbury Methodist Village, 409 Russell Ave,
Gaithersburg, MD, 301-987-6291

JCA Bronfman Center, 12320 Parklawn Drive,
Rockville, MD, 301-255-4200



Micro Center® In Store Clinics

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Micro Center stores host free events called “In Store Clinics.” The clinics cover a wide range of topics. All Micro Center store locations follow the same schedule of topics.

A link for store locations is at the top center of the home page, www.microcenter.com. For those in the Washington, D.C. area, the only store in Virginia is in the Pan Am Plaza at 3089 Nutley Street, Fairfax, VA 22031, phone (703) 204-8400, and the only store in Maryland is in the Federal Plaza at 1776 E. Jefferson #203, Rockville, MD 20852, phone (301) 692-2130.

Micro Center Clinics are held on most weekends, except during holidays. The same topic is usually presented on both Saturday and Sunday. Topics may change and clinics may be cancelled without notice. Please verify the schedule with the store before leaving and register online for e-mail updates (<http://www.microcenter.com/site/stores/instore-clinics.aspx>).

Signing up in advance reserves a seat, recommended as space is limited. This can only be done at a store, either at the Tech Support or Customer Support area.

July-August 2017 Schedule

July 08 & 09: Virus & Malware Troubleshooting

July 15 & 16: Windows® 10 Basics

July 22 & 23: Raspberry Pi

July 29 & 30: Backup and Restore

Aug 05 & 06: Printers



PATACS Posts

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Monthly Circulation: 100

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Posts is an official publication of the Potomac Area Technology and Computer Society (PATACS), a Virginia membership corporation (SCC ID: 02722890). PATACS is a tax exempt organization under section 501(c)(3) of the Internal Revenue Code. Contributions are gratefully received and tax deductible.

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This issue of **Posts** was prepared with [Scribus](#) v1.4 and [LibreOffice Writer](#) v5.2 software. The typefaces are [GNU FreeFont](#), [Heuristica](#) for headings, and [SIL Gentium](#) for body text. The authors provide photographs and screen images. Public domain clip art are from openclipart.org and www.wpclipart.com.

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July 2017 PATACS Event Calendar

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4 Independence Day 	5 7-9pm General Meeting, Arlington	6	7	8
9	10	11 All American Pet Photo Day 	12 7-9pm Online Zoom Meeting	13	14	15 12:30-3:30pm General Meeting, Fairfax
16	17 7-9pm Board Meeting, Arlington	18	19	20 Fortune Cookie Day 	21	22
23	24	25	26 7-9pm Technology & PC Help Desk, Arlington	27	28 System Administrator Appreciation Day	29 September Newsletter Articles Due
30	31					

Arlington: Carlin Hall Community Center
 5711 4th Street South
 Arlington VA 22204

Fairfax: Osher Lifelong Learning Institute
 4210 Roberts Road
 Fairfax VA 22032