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The Databus

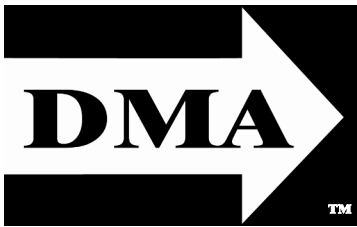
Monthly Newsletter of

The Dayton Microcomputer Association

Volume X, n°. 2

(New Series)

February 2020



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Vice-President

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Gladly CAMPION

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*Officers need not be
Trustees.*

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Debra MCFALL

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Gary TURNER

* = *Newly elected or reelected*

Webmasters:

Mark CAMDEN

& Brent KERLIN

Webmaster Emeritus:

Dave LUNDY

ESTABLISHED IN 1976, DMA is a group of Dayton-area professionals and enthusiasts in the field of computing and digital information technology. General Membership Meetings are usually held on the last Tuesday of each month. DMA has a number of Special Interest Groups (SIGs) in areas ranging from digital investing and genealogy to the Linux operating system. Each SIG meets according to its own schedule. DMA is a member of the Association of Personal Computer Users' Groups (APCUG) and the Affiliated Societies' Council (ASC). Click on any of the logos—including our own (top left)—to go to that organization's Web site.



An International
Association of Technology
& Computer User Groups



Submissions ...

THE DATABUS welcomes compliments, complaints, suggestions, and especially articles. We can accept articles in ASCII, or as attachments in Microsoft Word, Open or Libre Office Writer, or, yes, even WordStar (a word-processing program that goes all the way back to about 1980!). No PDF files, please. Send articles to:

Editor@DMA1.org

All articles are subject to editing for spelling, grammar, usage, and space. Always retain a copy of your work, as THE DATABUS cannot be responsible for loss. When articles are of roughly equal quality and importance, those by paid-up DMA members receive preference.

ALL REGISTERED TRADEMARKS, for example: the DMA Arrow, Android, Chromebook, or Linux, are the property of their respective owners. However, the Registered Trade Mark symbols (® or ™) have been omitted for better readability. The Editor occasionally inserts comments into articles. Such comments are sometimes preceded by the phrase: "EDITOR'S NOTE," are usually in square brackets [like these], and are always in sans-serif type.

THE DATABUS is written and published by volunteers. We do not give professional advice on hardware, software, or network installation, repair, security, or troubleshooting. If you need expert assistance for your digital device, please seek the advice or services of a qualified professional.

***February Meeting:** 7:00 P.M., Tuesday, the 25th, at T. J. Chump's, 7050 Executive Boulevard, Huber Heights 45424 (next door to Meijer's — [click here](#) for a map). Come at 6 if you want to join us for dinner. There's plenty of free parking. (Chump's restaurant is also accessible via RTA bus routes #18 & 19, but you must take a short walk from the Meijer's supermarket parking lot.)*

Free parking—No charge—bring a friend!

February Meeting—WAYNE FOURMAN:

Safeguarding Your Digital Estate

CAN I TRANSFER MY DIGITAL ASSETS SO SOMEONE CAN FIND AND USE THEM AT MY DEATH? It *ought* to be easy to give the proper person my digital assets when I choose! Many people are uncertain about their financial future and feel overwhelmed. Here's help that will give you confidence in protecting your digital assets now, and transferring them safely at death.

In this practical and interactive talk, you will discover the reasons to pass on your digital assets:

- ✓ *Financial Value* — proprietary apps and software, bitcoin, business contacts
- ✓ *Emotional or Sentimental Value* — family photos, documents
- ✓ *Social Value* — your continued desire to share with a group or community information, knowledge and resources
- ✓ *Privacy Value* — only share what you want when you want after your death or incapacity
- ✓ A plan to guide you through a process to protect and transfer your valuable digital assets:
- ✓ Apps and products to help you protect and transfer your digital assets
- ✓ Tools such as a will, trust, or another document which will provide the path for your beneficiary.

Wayne is an Air Force veteran and Wright State graduate. While in college, he became interested in managing investments and in tax planning. Wayne has been a financial advisor since 1982. He loves teaching and guiding his clients through a process that gives them confidence in living financially healthy, secure lives.

Wayne Fourman, May Financial Group, waynefourman.com

Join us on **Tuesday, 25 February**, at our usual time and place: **7:00 P.M.** at **T.J. Chump's Restaurant** in Huber Heights. (Come at 6 if you'd like to dine with us.) Tap or [click here](#) for a map. Go to the Web site below for more information:

<https://www.meetup.com/Dayton-Microcomputer-Association-Meetup/events/>

Minutes are normally published almost two months late, because the Minutes for, say, the January Board meeting must be approved by the Trustees at the *following month's* meeting—in this case, early February. The corrected and approved January Minutes would thus appear in the February DATABUS (this issue), published toward the end of the month.

Trustees' meetings are on the *first Monday of each month*, except when that day is a legal holiday. They begin at 7 P.M., and are open to all DMA members. For the convenience of Trustees who reside in Springfield, meetings are usually held at **Fire Station #2, 2200 Commerce Center Boulevard**, in suburban Fairborn on Dayton's East Side. Click [here](#) for a map. Trustees have recently had "bring your own sandwich or fast food" meetings. Those wishing to dine with the Trustees should come about 6:30, and, of course, bring their own food and *nonalcoholic* drinks.

MINUTES—DMA BOARD OF TRUSTEES

Meeting of Monday, January 6, 2020

CALL TO ORDER

The meeting was called to order at 7:02 P.M. by Gladys Campion.

Trustees present: Martin Arbagi, Gladys Campion, Edwin Davidson, Pat Flynn, Ken Phelps, Gary Turner. Excused: Peter Hess, Debra McFall. Absent: Brent Kerlin. Guests: Mark Camden.

OFFICERS' REPORTS

President – Peter Hess

Peter came down with a bad cold and had to miss tonight's meeting. We all wish him a quick recovery.

Vice President – Ken Phelps

Dayton Diode is on hiatus until March.

Secretary – Gladys Campion

Gladys presented Minutes for the previous board meeting. Martin Arbagi moved the Minutes be accepted. Gary Turner seconded and the motion passed with Gladys abstaining.

Treasurer – Pat Flynn

Pat presented the Treasurer's report:



COMMITTEE REPORTS

Audit – Gladys Campion

In progress

Fund Raising – Peter Hess

No report

Marketing – Edwin Davidson, Pat Flynn, Peter Hess, Debra McFall

We need ideas on how to target our audience and get our name out.

Edwin suggested possibly working with CASA (Court Appointed Special Advocate), but we would need more information to see if this would be a good match for our mission.

ACCOUNT BALANCES:

Fifth Third Checking	\$5,667.85
Fifth Third Saving	5,749.05
WPCU Share	5.00
WPCU Checking.....	1,714.44
WPCU Money Market	9,064.31
Pay Pal.....	119.03
TIAA Certificate of Deposit.....	5,333.59
Invested with Dayton Foundation.....	+89,302.55
Grand Total:	116,955.82

(Continued on page 5)

(JANUARY MINUTES—Continued from page 4)

Membership – Gladys Campion

There was no regular December meeting, but we had 55 who attended the Holiday Dinner.

Net Admin Team – Ken Phelps, Gary Turner, Pat Flynn, Brent Kerlin

No problems with the website or Meetup to report.

Mark updated the DMA1.org website. He moved DATABUS issues to the Google Drive so people can download all issues for a selected year. He also added video and Web site information to the Google drive.

Programs – OPEN!!! We need to find a Programs Chairman!!!

January – Gary Coy will hold a discussion on “Tech Toys we got for Christmas,” as well as news from the Consumer Electronics Show.

Other suggested topics: Virtualization, Deep Fakes, Streaming video, Car hacking, Chromebooks, Bitcoin and Block chain, InitiativeQ.com, Internet Architecture, Smart Home technologies.

Publications – Martin Arbagi

Martin is working on the January issue of THE DATABUS.

UNFINISHED BUSINESS

Wright State Archives – Martin Arbagi, Gladys Campion

Still in progress

Next Board Meeting

The next Board Meeting will be 7:00 P.M. on Monday, February 3, 2020 at the Fairborn Fire Station #2, 2200 Commerce Center, Fairborn. Those who want to join us for dinner should meet between 6:00 and 6:30 P.M. at the Fire Station. Bring your own fast food.

The Fairborn Fire Station #2 has been reserved through December 2020.

Holiday Dinner – Gladys Campion

The dinner went well. We had 55 attendees, a very good dinner, and a pile of door prizes.

NEW BUSINESS

ThinkTV Auction – Gary Turner

The auction will be held April 20-25. Gladys delivered a Lenovo Tab M10 10" tablet to the ThinkTV office in Dayton.

Techfest – Gladys Campion

Techfest, hosted by the Affiliate Societies Council (ASC) of Dayton, will be held February 15-16 at Sinclair. Deadline for exhibitors to register is January 17.

MakerX – Gladys Campion

MakerX is a Maker Expo event, scheduled for Saturday, Feb 29, at the Lausche building of the Ohio Expo Center in Columbus. DMA member Rick Wills and his liquid rocket group exhibit

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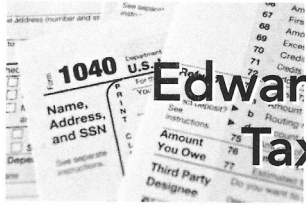
(JANUARY MINUTES—Continued from page 5)

there each year. We should consider participating in the future.

ADJOURNMENT

Edwin Davidson moved to adjourn at 8:43 P.M. Martin Arbagi seconded and the motion passed.

*Respectfully Submitted,
Glady Campion
Secretary*



**Edward Jones, CPA
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Edward Jones, MBA, CPA
Former IRS Agent

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“NOOZ” from APCUG

Save the Virtual Technology Conference Dates: May 2, August 15, & November 7 [EDITOR'S NOTE: Since THE DATABUS appears toward the end of each month to coincide with our monthly General Membership Meetings, we'll have reminders about these virtual conferences in the April, July, and September issues.]

1. MEMBERSHIP RENEWAL. Thank you to the groups that have renewed their membership for 2020. If your group hasn't renewed, please click on this link to go to the Renewal Form. <https://apcug2.org/membership-renewal-form/>

2. Congratulations to the three groups that won a Google Home Mini in the random drawing:

- ✓ Region 3 – Canton Alliance Massillon User Group
- ✓ Region 9 – Mile High Computer Resource Organization
- ✓ Region 10 – Leisure World-Seal Beach Technology & Computer Club

3. Speakers' Bureau List. Several interactive presentations via Zoom have been added to the Speakers' Bureau list. If you would like a list of presentations by speaker, please send your request to Judy Taylour: JTaylour (at) apcug.org.

4. Q1 2020 Reports. Your copy of the Q1 issue is attached. You will find information on what APCUG's member groups are doing — perhaps you will get some new ideas for *your* group. Make sure you also read the Tips for Member Groups = also lots of ideas.

Please make sure your officers and committee chairmen have an opportunity to read Reports and feel free to forward it to your members or upload it to your Web site. You will also find a copy at <http://apcug2.org/reports/>

Is your Advisor on your newsletter distribution list? Do you regularly update your website? Newsletters and websites are where your Advisor learns about what is happening with your group and is able to include it in his/her quarterly Region Report. *The Advisors are your communication link with APCUG.*

APCUG is not a part of, nor a representative of any manufacturer, product, reseller, dealer, consultant, or business. The organization does not endorse any product, etc. As a member of APCUG, you have received this e-mail to inform you of updates, changes, or special news and information. Our policy has always been to send e-mail messages only to announce such information, and we will continue to honor this policy. If you no longer want to receive these e-mails, please reply to the sender. Thank you for being a member of APCUG.

... TDB



Compiled by APCUG's own Judy TAYLOUR

January 24, 2020

[The Editor recently bought a Chromebook laptop for his wife, who only uses a computer to read her e-mail and the two newspapers to which we subscribe on line. To his surprise, the machine is surprisingly versatile, and he is reprinting this series of tips and tricks from the redoubtable Ms. Judy Taylour, of APCUG. Many of these have been taken from the Web site:

<https://chromeunboxed.com/>]

LASTPASS ADMITS SELF-INFLICTED WOUND AFTER ACCIDENTAL DELETION OF ITS CHROME EXTENSION – If you've been frantically hunting around the Chrome Web Store for the LastPass Password Manager extension, you probably realized quickly that it was nowhere to be found. In what can only be described as a Monty Python, Holy Grail pre-credits bungle, LastPass has somehow managed to "accidentally" delete its own extension from the Chrome Web Store. In a string of tweets that followed from LastPass's Twitter account for status updates, staff clarified that it was not an outage but a mistake on their part.

The LastPass team went on to state that they were working with Google to get the extension back into the Web Store and that users were still able to access their Vault on the web, via mobile and using extensions from other browsers. LastPass stated that it were just awaiting Google's official review before the extension would be reinstated.

It now appears that the LastPass extension has returned to the Chrome Web Store. While I'm sure this left some egg on the faces of the involved parties, it's good to see that LastPass and Google were able to get this zipped up as quickly as they did. If you're still looking for the extension, you can grab it from the Chrome Web Store [here](#). *From Chromebook Unboxed.*

GOOGLE ANNOUNCES TIMELINE FOR THE END OF CHROME APPS ON CHROMEBOOKS – In late 2016, Google began the two-year process of sunseting Chrome Apps on all platforms with the exception of the Chrome OS. By early 2018, navigating to the Chrome Web Store on Windows, Mac or Linux would present users with only extensions to pick from, as the "App" section had been completely removed. While we knew the day would arrive at some point, we now have a definitive roadmap for the final demise of Chrome Apps that are still a part of the Chrome OS ecosystem.

Now, if you're an avid Chrome App user, this is not the time to panic. Google's timeline for Chrome Apps "end of life" spans more than two years. The first phase will begin in March of this year when the Web Store will stop accepting new Chrome Apps from developers. From there,

(Continued on page 9)

(CHROMEBOOK TIPS & TRICKS—Continued from page 8)

support for existing Apps on Windows, Mac and Linux will come to an end. Then, in June of 2022, Chrome Apps on Chrome OS will be no more.

Read more of this Chromeunboxed article at <http://bit.ly/36otxcT>

HOW TO ENABLE VIRTUAL DESK GESTURES ON CHROME OS – Now that the Virtual Desks feature has come to the Stable Chrome OS channel, we finally received the ability to switch between desks using trackpad gestures. However, to use gestures, you have to enable a hidden flag. Here's how:

Before you enable any flags, remember that most of these features are not finished and are still a work in progress. As a result, flags can cause your browser or computer to misbehave or become unstable—and the more flags you enable, the higher the chances of this happening.

Also, keep in mind that Google can remove or change any of these features at any time, so it's best not to get too attached. This flag, in particular, has already gone from a three-finger swipe to a four-finger swipe as to not interfere with tab-swipe gestures.

Read more of this How-To Geek article with screenshots <http://bit.ly/2RLt536>

WINDOWS 7 IS DEAD—MAYBE IT'S TIME TO UPGRADE TO A CHROMEBOOK

Windows 7 is dead. If you've been using it for the last decade but are looking to upgrade, maybe you should consider a Chromebook. Chrome OS has come a long way over the last several years, and the odds are it can do 99 percent of what you've been using that old Windows machine for.

It's time to be frank with yourself: do you *really* need Windows? If you just had a knee jerk reaction, shouting "What?! Of course I do!" at your computer screen, I urge you to take a few steps back and think about your usage. When's the last time you opened a program that wasn't Chrome? If you're having a hard time remembering, then it may be time to look at a Chromebook.

Read more of this Review Geek article at <http://bit.ly/3aELO9a>

GOOGLE PROMISES TO KEEP UPDATING CHROMEBOOKS FOR 8 YEARS – In today's constantly evolving threat landscape, keeping the software on your devices up to date is absolutely essential. Google recently made a major announcement on that front. The company has pledged to deliver software updates to all Chrome OS devices made from now on for a full eight years. That's a long time to support an operating system, especially one that tends to come pre-installed on modestly priced notebooks.

For the better part of a decade, Chromebook users can expect patches and updates every 6 weeks that will deliver new features, improve security, and keep their devices running smoothly.

Read more of this *Forbes* article at <http://bit.ly/38BMAC4>

HOW TO GO FULL-TIME CHROMEBOOK, SAVE MONEY, AND DITCH THE MACBOOK AND WINDOWS 10 – The Chromebook can now be your only laptop. That wasn't always the case. Chrome OS is where all laptop operating systems should be headed. But the newest version of Chrome also accommodates the PC laptop past.

(Continued on page 10)

(VIRTUAL PRIVATE NETWORKS—Continued from page 9)

What is a Chromebook and Chrome OS? Short answer: a laptop running a smartphone (-like) OS. Read more of this Forbes article <http://bit.ly/2TVnmdV>

MICROPHONE SUPPORT FINALLY COMES TO LINUX ON CHROMEBOOKS – Linux apps on Chromebooks have become a bit more commonplace than they were just a year ago. Many devices now support this new feature and the overall abilities of the Linux container in Chrome OS continue to grow. As the big pieces have been in place for some time, it is easy at this point to miss the less glaring omissions that are still yet to be fixed, and that is exactly what has happened with microphone support with the latest build of Chrome OS 79.

A few of those larger missing pieces to the overall Linux experience on Chrome OS have long been GPU support and proper microphone support. GPU support has been around for a bit, though it is still considered experimental and behind a flag at this point. Being placed behind a flag isn't a huge deal, however, since those willing to tinker and mess with Linux apps are generally savvy enough to turn on a flag or two if needed. Mic support has been completely absent up to this point, however, and that has left a decent void in the abilities of Linux apps.

Read more of this ChromeUnboxed article <http://bit.ly/2TVBX8U>
IF YOU JUST GOT A NEW CHROMEBOOK, HERE ARE TEN THINGS YOU NEED TO KNOW TO GET STARTED [VIDEO] – We spend a great deal of time here at Chrome Unboxed looking to the future, uncovering new devices and unearthing upcoming features for Chromebooks. We spend an equally large amount of our time helping new users understand and make the most of their devices. Whether you have a Chromebook or Chromebox, a tablet, convertible or a clamshell, there are tips and tricks that can make using your Chrome OS device a more seamless and enjoyable experience.

Part of this effort is our newer series titled “Chromebook Tip Tuesdays” where we are planning a slew of videos over the next year or so that highlight helpful tips and tricks you can leverage on your Chromebook. While this will eventually become a treasure trove of great tips, we also realized this time last year that there are some unchanging, timeless things you need to know about Chrome OS to really take advantage of all your Chromebook is great at. bit.ly/2Q5JvU1

CHROMEBOOK TIP TUESDAY: POWERWASH YOUR CHROMEBOOK FROM THE LOCK SCREEN [VIDEO] – This feature is awesome on a Chromebook because it serves to highlight the cloud-based nature of the OS and the ultimate flexibility it provides for users. <http://bit.ly/2SC8r7D>

HOW TO GO FULL-TIME CHROMEBOOK, SAVE MONEY, AND DITCH THE MACBOOK AND WINDOWS 10 – The Chromebook can now be your only laptop. That wasn't always the case. Chrome OS is where all laptop operating systems should be headed. But the newest version of Chrome also accommodates the PC laptop past.

What is a Chromebook and Chrome OS? Short answer: a laptop running a smartphone (-like) OS. Read more of this Forbes article to see if a Chromebook is for you. <http://bit.ly/39ytPk2>

(Continued on page 11)

(VIRTUAL PRIVATE NETWORKS—Continued from page 10)

CHROME OS 79 RELEASED WITH BETTER OVERVIEW WINDOW MANAGEMENT, LOCKSCREEN MEDIA CONTROLS, AND STOLEN PASSWORD PROTECTION – Chrome OS 79 has been pushed to the Stable channel — that sounds technical, but it means the latest version of Chrome OS is now rolling out. This new release includes a tweak to the last version's Virtual Desks feature, better window management for touch controls in Overview mode on some devices, a renamed “Apps” section in Settings with per-app permissions and other options, lockscreen media controls, expanded port support in Linux/Crostini, and Chrome 79's stolen password protection.



Read more about OS 79 at this Android Police website <http://bit.ly/2QBO33P>

5 COOL CHROMEBOOK TIPS AND TRICKS YOU DIDN'T KNOW – Chromebooks aren't a new phenomenon. However, the platform has grown massively since it was first launched. It is important to note that the Chromebooks are marketed as a viable replacement to MacBooks and PCs, and in many cases, they do the job just fine. This is because of the fact that Chromebooks run on the cloud and every operation is buttery smooth. Google is making some changes to the platform, however, with the introduction of Android applications to the system. This will go a long way in ensuring that the user experience is furthered on the Chromebook.

Check out this Droid Guy article: <http://bit.ly/343XZZy>

HOW TO FIX THE DISNEY+ ANDROID APP LAYOUT ON A CHROMEBOOK – On November 12, Disney+ was unveiled to the world and around our office, at least, it was absolutely the center of interest. For many, just logging into Disney+ and realizing the sheer volume of great content that sits before you is reason enough to be buzzing just a bit. With new shows like The

(Continued on page 12)

	<p>Lock Nest Mobile Locksmith</p> <p>Steve Davis Owner</p> <p>P.O. Box 753 Vandalia, OH 45377 937.890.1936</p> <p>Locknestmobile@gmail.com www.locknestmobilelocksmith.com</p> 	<div style="border: 1px solid red; padding: 10px; text-align: center;"> <p>10% Discount to DMA members!</p> </div>
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Have a business card? Are you a DMA member?

ANY PAID-UP MEMBER of the Dayton Microcomputer Association is entitled to a *free* business card-sized advertisement in THE DATABUS. Send a good-quality image (preferably 600 dpi or better) to Editor@DMA1.org, or give your business card to **Martin Arbagi**, the Editor, at any DMA meeting. We can embed a link to your Web site (if you have one) in the image of your card. Under weird IRS regulations, your Web site may not include discount coupons for DMA members, although discount offers may be included in the advertisement *itself*. See the example just above, which includes a member discount. But the advertiser (Steve Davis) could not have posted that discount on his Web site. It appears *only* in THE DATABUS.

(VIRTUAL PRIVATE NETWORKS—Continued from page 11)

Mandalorian and existing classics like Toy Story, you can't look at the vast collection on offer from Disney and not be both nostalgic and excited by it.

As Chrome Unboxed was testing the service using a Chromebook, a few glaring and problematic issues arose. Mainly, the app wouldn't resize to fit the larger screens on Chromebooks. Though this issue doesn't affect 100% of all users, it definitely affects those were needing to download content for a time where a reliable internet connection just wouldn't be feasible.

Read more of this Chrome Unboxed article at: <http://bit.ly/2O3ba7C>

6 CHROMEBOOK KEYBOARD SHORTCUTS THAT SAVE TIME – Chrome Browser keyboard shortcuts (which also work on Chromebook) can be major timesavers. Keyboard shortcuts, also called “hot keys,” help you speed up a wide variety of tasks, including taking a screenshot, locking your screen, and even (fittingly) viewing all keyboard shortcuts—just click Ctrl + Alt + /.

Learn more about shortcuts at this Google Blog article: <http://bit.ly/2s2LtLT>

CHROMEBOOKS WILL SOON LIST “END OF LIFE” IN THE SETTINGS MENU – The Auto Update Policy (End of Life date) for Chromebooks and Chrome devices has been undergoing some major overhauls as of late as Google works to extend the expiry date of more than one hundred models. Now that users are getting more life out of their machines, Google is now making the End of Life date easier to find by adding it to the Chrome OS settings page.

Read more of this Chrome Unboxed article at: <http://bit.ly/2OtGCdZ>

HOW TO USE YOUR CHROMEBOOK – Chromebooks are pretty easy to use, especially if you're already familiar with the Chrome browser. Almost all of the Chrome OS programs are extensions for the browser and all of the preferences from your Google account will be transferred to your new notebook as soon as you log in.

But as with any operating system, there are still plenty of tips and tricks for using Chrome OS. Here at Laptop Mag, we put together a list of how-to's to help you learn the intricacies of your new Chromebook. You'll learn the basics, like how to take a screenshot and use Skype, as well as get Android apps on your machine (if it supports them), add Dropbox to your file manager or install Linux.

Read this Laptop Mag article: <http://bit.ly/2O1b8go>

THIS NEW FEATURE IN CHROME OS 76 MAKES ANDROID FEEL SO MUCH MORE NATIVE ON CHROMEBOOKS – One of the new features that rolled out in Chrome OS 76 that has flown under the radar a bit is the addition of multiple account sign-ins from the People tab in your Chromebook settings. For long-time Chromebook users, it would be easy to overlook this setting as unimportant, but don't be fooled by the similarities to the old way of doing things. This new feature fundamentally changes the way you add and remove accounts from a Chrome OS device for the better.

Read more at this Chromebook Unboxed article: <http://bit.ly/2kwxydg>

CHROME OS: TIPS, TOOLS, AND OTHER CHROMEBOOK INTELLIGENCE – Google's Chrome OS platform sure has come a long way. From the early days, when Chrome OS was little

(Continued on page 13)

About The Dayton Microcomputer Association, Inc. (DMA)

MORE THAN FORTY-THREE YEARS AGO, a small group of computer enthusiasts from the Dayton, Ohio area gathered around a kitchen table looking at, and playing with, a first-generation personal computer called the Altair 8800, which one of them had purchased. This computer had been featured earlier on the cover of the January 1975 issue of *Popular Electronics* magazine. Paul Allen had shown the selfsame article about the Altair to Bill Gates, and later, they wrote software together for that computer. Still later — and still together — Allen and Gates founded the Microsoft Corporation.

Shortly thereafter, those Dayton-area computer enthusiasts joined together with many others to form THE DAYTON MICROCOMPUTER ASSOCIATION (DMA), now one of the oldest continuously-operating computer user groups in the world. Typically, computer user groups, and the newer iteration, technology user groups, are volunteer-run operations. The DMA is an all-volunteer led, organized and run 501(c)(3) non-profit organization.

Now, there are hundreds of computer (or technology) user groups in the world — all of which continue to foster improved communication between technological equipment and software manufacturers and publishers — with users of those products. User groups (both computer and technology) provide an environment where more experienced technology users introduce additional and advanced techniques to novices.



DMA offers both monthly General Membership Meetings, which cover new and innovative topics including a wide range of generic, technological topics, and its Special Interest Groups (SIGs) which address concerns about specific technology interests. There are eight different SIGs sponsored by the DMA, covering such topics as the Linux operating system, various programming languages such as Python, the use of technology to investigate genealogy, and digital aids to investing. Neither SIG members nor attendees at DMA General Meetings need be members of the parent organization, though they are encouraged to join so DMA can continue providing its services to the public.

Annual dues for DMA membership, which have not been raised for decades, are \$25 for Regular Members, and \$12.50 for Family/Associate Members (someone living at the same address as a Regular Member). Nonvoting Student Memberships are *free* to students through age 22. General Meeting door prizes, and both product and service discounts are available to all DMA members.

... TDB

more than an experimental “browser in a box,” to today — with the platform powering first-class hardware and supporting a diverse range of productivity applications — Google’s once-crazy-seeming project has turned into one of the world’s most intriguing and rapidly expanding technological forces.

I’ve (JR Raphael, ComputerWorld) been covering Chrome OS closely since the start. I lived with the first Chromebook prototype, the CR-48, and have used Chromebooks as part of my own personal computing setup in varying capacities ever since. I write about the field not only as someone who’s studied it professionally from Day One but also as someone who has used it personally that entire time, up through today.

So whether you’re relatively new to the realm of Chrome OS or a Chromebook veteran, I’m happy to join you on your journey and act as your guide.

... TDB

DAYTON MICROCOMPUTER ASSOCIATION Membership Form

Today's date ____/____/____

☐ **NEW** Please credit the DMA member who recruited me: _____☐ **RENEW** Contact information below is new ☐ Y ☐ N**TYPE OF MEMBERSHIP**☐ **REGULAR****TELEPHONE:**

Name _____ Home or Work (____) ____ - ____

E-mail _____@_____.____ Mobile Phone (____) ____ - ____

☐ **ASSOCIATE** Family or Associate memberships are for a family or other member living at the same address as a Regular Member. Name of Regular Member _____

Name _____ Home or Work (____) ____ - ____

E-mail _____@_____.____ Mobile Phone (____) ____ - ____

☐ **STUDENT** Free Student non-voting memberships are available to those through 22 years of age, enrolled full-time in a program of higher education. Name of School: _____

Name _____ Home or Work (____) ____ - ____

E-mail _____@_____.____ Mobile Phone (____) ____ - ____

Home Address _____

City _____ State _____ Zip _____

INTERCHANGE

Skills & interests you might share with DMA _____

What you hope DMA will provide _____

DUES AND FEESRegular membership: \$25.00 X ☐ 1yr ☐ 2yr ☐ 3yr \$ _____Family/Associate membership: \$12.50 X ☐ 1yr ☐ 2yr ☐ 3yr \$ _____

Student membership: FREE \$ 0.00

One-time setup fee for Shell account:\$10.00 \$ _____

Total.....\$ _____**NOTE: a \$10.00 fee will be charged for any returned checks.**☐ **SHELL ACCOUNT** A shell account on the DMA Web server provides file storage, hosting of a personal non-commercial Web site, @dma1.org e-mail alias (forwarding address), all for a one-time fee of \$10. A user name must be 8 alpha characters. The usual default is your last name and first initial, with no caps or punctuation. DMA reserves the right of final decision on all user names: 1st choice _____ 2nd choice _____

Make your check payable to:

Mail check and application to:

Or use Pay Pal to send your payment to:

The Dayton Microcomputer Association, Inc.**PO Box 4005, Dayton OH 45401-4005****membership@dma1.org****DMA use only**

Member# _____ Exp ____/____/____ [] Cash [] Check# _____ [] Pay Pal Proc by _____

Member# _____ Exp ____/____/____ [] Cash [] Check# _____ [] Pay Pal Proc by _____

Member# _____ Exp ____/____/____ [] Cash [] Check# _____ [] Pay Pal Proc by _____

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