



The Databus

Newsletter of
THE DAYTON MICROCOMPUTER ASSOCIATION

Volume VII (New Series),
Numbers 3 & 4
March/April 2017



Post Office Box
4005
Dayton, Ohio
45401

Visit us at:

DMA1.org

Your 2016/17 Officers:

President

Gary COY

Vice-President

Peter HESS

Secretary

Gladys CAMPION

Treasurer

Pat FLYNN

Officers need not be Trustees.

Trustees:

Martin ARBAGI

Gladys CAMPION

Gary COY

Pat FLYNN

Peter HESS

Ken PHELPS

Ed SKUYA

Gary TURNER

Jim ULLOM

Webmaster:

Brent KERLIN

Webmaster Emeritus:

Dave LUNDY

ESTABLISHED IN 1976, DMA is a group of Dayton-area professionals and hobbyists in the field of computing and digital information technology. General membership meetings are usually 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.



Submissions ...

THE DATABUS welcomes compliments, complaints, suggestions, and especially articles. We can accept articles in ASCII, or as attachments in Microsoft Word or Works, Open Office Writer, Word Perfect, or, yes, even WordStar (a word-processing program that goes all the way back to the early 1980s!). 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 space is limited, those by paid-up DMA members usually receive preference.

ALL REGISTERED TRADEMARKS, for example: DMA, Amazon, Apple, Google Chrome, Seagate, or Windows, 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 usually in square brackets [like these] and are always preceded by the phrase: "EDITOR'S NOTE."

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

***APRIL 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 6:00 P.M. if you want dinner. Plenty of free parking. (Also accessible via RTA bus routes #18 & 19, (but you must take just a short walk over from the Meijer's store.)*

No charge—bring a friend!

CUTTING THE CORD—canceling your cable or satellite TV service in favor of streaming or other options—is a hot topic. Whether because of the rising costs of TV service, declining interest in traditional cable programming, or other reasons, more and more people are dropping cable. As recently as 2010, more than 88% of households were paying for TV from a cable, satellite, or other provider, but by the middle of 2015 that number had fallen to 80%. And a recent report claims that more people quit paying for TV service in the second quarter of 2016 than in any previous quarter.

Is cutting the cord for you? You have more options these days than even just a few years ago, but the answer depends on what you want to watch, how much you watch, and a number of other factors. You might be able to quit cable completely, moving to a mixture of streaming services and paid downloads. Or you might be able to reduce your monthly fees by replacing expensive rental equipment with a streaming box and free apps. Alternatively, you could stick with cable or satellite but spend less by figuring out what you really need. It's easier than ever to watch the content you want without being stuck in an expensive, long-term contract.

But there are some potential problems for which to watch. Those who “bundle” their communications, in other words, who receive their Internet, telephone, *and* television from the same provider, may find that they don't save money because the bundling discount is eliminated.

Gary is currently the DMA President, a DMA Trustee, a frequent presenter, and all-around good guy. He is an IT professional by day and offers computer tech support on nights and weekends via his company, “Gary's Computers” (see advertisement, page 7).

We'll meet as usual, at T.J. Chump's Restaurant in suburban Huber Heights, not far from Exit 38 on Interstate Route 70. (Click here for a map.) The meeting begins at 7:00 P.M., but if you'd like to join us for dinner, please come about 6:00.

... TDB



GARY COY:

CUTTING THE CORD

**A Guide to Getting
Rid of Cable**

Minutes are normally published almost two months late, because the Minutes for, say, the February Board meeting must be approved by the Trustees at the following month's meeting—in this case, early March. The corrected and approved January Minutes would thus usually appear in the March DATABUS, published toward the end of the month. Since there was no March *Databus*, both February and March Minutes appear in this issue

The next Trustees' meeting will be on 1 **May 2017**, in the Community Meeting Room at the Greene Shopping Center. (This is in the corridor [breezeway] across the street from the free parking garage on Birch Alley.) Trustees' meetings begin at 7:00 P.M. and are open to all DMA members. We usually meet for dinner beforehand, and those wishing to dine with the Trustees should come at 6:00 to Noodles & Company, nearby. (Click [here](#) for a map.)

MINUTES

DMA Board of Trustees – Meeting of Monday, 6 February 2017

CALL TO ORDER

The meeting was called to order at 7:12 P.M. by Peter Hess.

Trustees present: Martin Arbagi, Gladys Campion, Pat Flynn, Peter Hess, Ken Phelps, Ed Skuya, Gary Turner. **Others:** Brent Kerlin. **Excused:** Gary Coy, Jim Ullom.

OFFICERS' REPORTS

President—Gary Coy

No report.

Vice President—Peter Hess

Dayton Diode SIG: The Milburn building is up for sale and the SIG is looking for a new location. The Tejas K12 Gallery is a possibility. Problems such as floor space, shared machinery, and access to classrooms and facilities are still being negotiated. Brent Kerlin is the POC for this effort. Brent and Peter will meet with Tejas management.

Secretary—Gladys Campion

Gladys Campion presented the minutes for the previous board meeting. *Martin Arbagi moved the Minutes be accepted. Ed Skuya seconded. The motion passed.*

Treasurer—Pat Flynn

Pat presented financial reports for the past month.

COMMITTEE REPORTS

Audit—Gladys Campion

Gladys is working on the report.

Bylaws Review—Eric Ottoson

No report

Account Balances:

Fifth/Third Checking ...	\$ 11,303.88
Fifth/Third Savings	11,233.05
Everbank CD	5,045.56
Pay Pal	993.51
Dayton Foundation	+79,745.52
Total	\$ 108,311.52

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(Continued from page 4)

Fundraising—Peter Hess

Peter has been talking with the Dayton Foundation for help in establishing a planned giving program for DMA. Think TV and the Victoria Theater both have planned giving programs on their Web sites.

Membership—Gladly Campion

As of last month's General Membership meeting, we had seventy-three Regular, two Associate, no Student, and five Life members for a total of eighty. Attendance last month was thirty-five, and the 50/50 raffle brought in \$31.

Net Administration Team—Ken Phelps, Gary Turner, Pat Flynn, Brent Kerlin

Brent is beginning a cleanup of our files on Dreamhost. There are many files no longer in use. Gary Turner is trying to reclaim the DMA account on Facebook.

Programs—Jim Ullom (absent)

Possible future topics include StrongArm malware protection (StrongArm.io) or a Skype presentation from Gene Barlow, or DNA testing.

Publications—Martin Arbagi

The January issue of THE DATABUS is ready to be posted.

Publicity—Ed Skuya, Gary Coy, Debra McFall, Pat Flynn, Peter Hess

Peter and Ed are both asking for more lead time to post the programs for DMA monthly meetings in local newspapers. At least two weeks' time is needed.

Records Committee—Debra McFall, Gladly Campion, Eric Ottoson, Wynn Rollert, Martin Arbagi

No report

Wright State Archives—Martin Arbagi, Gladly Campion

Martin sent an e-mail to the Board about a recent discussion he had with Wright State.

Next Board Meeting

The next Board Meeting will be 7:00 P.M. on Monday, March 6, 2017 at The Greene Community Room in the breezeway of the Ritch Building on Chestnut Street at the Greene. Those who want to join us for dinner should meet at 6:00 P.M. at El Toro, in the shopping center on Indian Ripple, across from the Greene. Eric Ottoson has reserved the Community room for us at the Greene for February through June.

Holiday Dinner—Gladly Campion

Report in progress

Techfest

Techfest will be held Saturday and Sunday, February 18-19, at Sinclair College. DMA will have 3 displays again this year. Gary Ganger will show a sampling of the Computer Museum. The Linux SIG will be promoting Linux and open source software. Dayton Diode will talk about their Makerspace and show some of the members' projects.

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(MINUTES—Continued from page 5)

Linux Installfest—Gary Turner

An Installfest will be held Saturday, February 26, from 10:00 A.M. to 3:00 P.M., at Sinclair College, in rooms surrounding 5123. Sinclair is again donating use of the classrooms and supplying pop and pizza.

Adjournment

Pat Flynn moved to adjourn at 8:35 P.M. Martin Arbagi seconded and the motion passed.

*Respectfully Submitted,
Gladys Campion,
Secretary*

MINUTES

DMA Board of Trustees – Meeting of Monday, 6 March 2017

CALL TO ORDER

The meeting was called to order at 7:09 P.M. by Gary Coy.

Trustees present: Martin Arbagi, Gladys Campion, Gary Coy, Pat Flynn, Peter Hess, Ed Skuya, Gary Turner, Jim Ullom. **Others:** Brent Kerlin, Mark Camden. **Excused:** Ken Phelps

GUEST PRESENTATION: Dave Harlow from Day-Vest

Dave is a former DMA member and a current leader of Day-Vest, Dayton's Volunteer Employment Service Team. Day-Vest is a 501(c)(3) nonprofit, established in 1973, originally to aid unemployed air traffic controllers. Services expanded to include all local unemployed professionals. Membership severely declined once job-seeking moved to the Internet. Day-Vest would like to begin meeting as a SIG of DMA. Many current and former members of Day-Vest are also involved with DMA. DMA currently provides hosting space for the Day-Vest website. Listing the group on DMA's meetup site may bring in new members. The Trustees gave the go-ahead.

OFFICERS' REPORTS

President—Gary Coy

No report

Vice President—Peter Hess

Dayton Diode SIG: Peter and Brent Kerlin met with the K12 Tejas Exec Director and Finance Director. There are still several financial issues being worked out. Peter attended the Genealogy and Investment SIGs. He sees a need for a mobile phone SIG.

(Continued on page 7)

Secretary—Gladys Campion

Gladys Campion presented the Minutes for the previous board meeting. Peter Hess moved the minutes be accepted. *Pat Flynn seconded and the motion passed with Gary Coy and Jim Ullom abstaining.*

Treasurer—Pat Flynn

Pat presented financial reports for the past month.

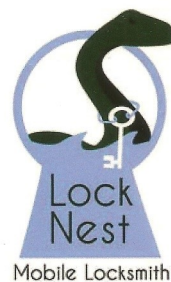
Account Balances:

Fifth/Third Checking...	\$ 11,211.91
Fifth/Third Savings	11,223.22
Everbank CD	5,050.36
Pay Pal	993.51
Dayton Foundation.....	+84,074.24
Total.....	\$ 112,553.24

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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 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 below, which includes a member discount.

**Lock Nest Mobile Locksmith**

Steve Davis
Owner

P.O. Box 753
Vandalia, OH 45377
937.890.1936



Locknestmobile@gmail.com
www.locknestmobilelocksmith.com

10% Discount to DMA
members!



Travel Through Time On Indiana's Most Scenic Railroad

WHITEWATER VALLEY RAILROAD

(JANUARY MINUTES—Continued from page 7)

COMMITTEE REPORTS

Audit—Glady Campion

Working on the report

Bylaws Review – Eric Ottoson

No report.

Fund Raising – Peter Hess

Peter talked with the Dayton Foundation and gained a delay in the 4% required annual distribution due to the programs we have in the works.

Membership – Glady Campion

As of last month's General Membership meeting, we had seventy-three Regular, four Associate, no Student, and five Life members for a total of eighty-two. Attendance last month was thirty-seven and the 50/50 raffle brought in \$27.

Net Administration Team—Ken Phelps, Gary Turner, Pat Flynn, Brent Kerlin

Brent announced that the new DMA website is live at dma1.org. He submitted a request to reclaim the DMA page on Facebook. Brent also asked about ads on the DMA site. Trustees gave the go-ahead, as long as the ads are not intrusive. Brent offered to set up a Web site for each of the SIGs and suggests setting up a Slack channel for SIG leaders.

Programs – Jim Ullom

March – the program will be on a new malware program called Strongarm.io

Possible future programs – Spectrum's new products, Skype, or the cost savings of "Cutting the Cord."

Publications – Martin Arbagi

THE DATABUS has been posted.

Publicity – Ed Skuya, Gary Coy, Debra McFall, Pat Flynn, Peter Hess

Peter proposed specific wording for meeting announcements in local newspapers.

OLD BUSINESS

Records Committee—Debra McFall, Glady Campion, Eric Ottoson, Wynn Rollert, Martin Arbagi

Glady is making some progress with the preparation of the audit/review.

Wright State Archives—Martin Arbagi, Glady Campion

Martin talked with the Wright State rep last month.

Next Board Meeting

The next Board Meeting will be 7:00 P.M. on Monday, April 3, 2017 at The Greene Community Room in the breezeway of the Ritch Building on Chestnut Street at the Greene. Those who want to join us for dinner should meet at 6:00 at Noodles & Co, near the entrance to the Greene. Eric Ottoson has reserved the Community room for us at the Greene for February through June.

Holiday Dinner—Glady Campion

Report in progress

(Continued on page 10)

DMA Events for Feb 19 – Mar 25, 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Feb 19	Feb 20 <i>Presidents Day</i>	Feb 21	Feb 22	Feb 23	Feb 24 DDL Python Self-Study Noon 5000 Springfield #100, Dayton	Feb 25 LINUX INSTALL-FEST
Feb 26	Feb 27	Feb 28 MAIN MEETING 7:00pm TJ Chumps 7050 Executive Blvd Huber Heights	Mar 1	Mar 2 Genealogy SIG 6:30pm East Dayton Library 2008 Wyoming Dayton	Mar 3 DDL Python Self-Study Noon 5000 Springfield #100, Dayton	Mar 4 Classic Computers 3:00pm 7189 Claircrest Drive Huber Heights
Mar 5	Mar 6 DMA Trustees 7:00pm Chestnut Street Community Room The Greene	Mar 7	Mar 8 Dynamic Languages 7:00pm Dayton Chess Club 18 W Fifth Street	Mar 9	Mar 10 DDL Python Self-Study Noon 5000 Springfield #100, Dayton	Mar 11
Mar 12 <i>Daylight Saving Time Begins</i>	Mar 13 Dayton Diode SIG 7:00pm 660 Milburn Ave Dayton	Mar 14 <i>Pi Day</i> Investment SIG 7:00pm Panera Bread 4110 Far Hills Avenue Kettering	Mar 15	Mar 16 Linux SIG 7:00pm Wright State Univ. Colonel Glenn Hwy	Mar 17 <i>St. Patrick's Day</i>	Mar 18 Classic Computers 3:00pm 7189 Claircrest Drive Huber Heights
Mar 19	Mar 20 Apple Dayton SIG 7:00pm Public Room Fairborn Fire Station #2 2200 Commerce Center	Mar 21	Mar 22	Mar 23	Mar 24 DDL Python Self-Study Noon 5000 Springfield #100, Dayton	Mar 25

After two decades in the capable hands of DAVE LUNDY (thank you, Dave!), DMA1.org is moving to a new Webmaster, BRENT KERLIN. Please excuse some glitches in the DMA1 site (including this calendar) while we make the transition over the next few months.



On-line DMA membership registration or renewal is *still* available ... simplified form compared with the one on page 10, tool
Click [here](#).



(MINUTES—Continued from page 8)

Techfest

Techfest was again a success with plenty of visitors to all 3 DMA booths.

Linux Installfest – Gary Turner

Installfest had a very good turnout, roughly 35 people. Gary noted that they saw some truly unusual machines this year.

NEW BUSINESS

New APCUG rep

Peter Hess volunteered to be the DMA rep to APCUG. Thanks, Peter!

VOLUNTEER OF THE MONTH/QUARTER/YEAR

Pat Craig and Mark Camden were nominated for Volunteer of the Quarter for all their work teaching classes on Raspberry Pi and Scratch Programming at local libraries. Great idea, guys!

ADJOURNMENT

Peter Hess moved to adjourn at 9:10 pm. Pat Flynn seconded and the motion passed.

*Respectfully Submitted,
Gladys Champion,
Secretary*

—Drones—

By George HARDING, Treasurer, Tucson Computer Society

www.aztcs.org

GeorgeHardingsbd (at) earthlink.net

I AM AMAZED at the rapid development of the drone industry and the uses to which drones are being put. Here are a few of the uses so far:

- ✓ Package delivery: UPS has stated that its plan is substantially complete and will be introduced soon. It has limits for weight, distance delivery address.
- ✓ Weddings and other similar events: Drones make it easy to record events that are important to family and friends. Viewpoints can include those that an individual cannot do.
- ✓ News gathering: Many TV channels now use drones to access accident sites and other events of interest to a broadcast.
- ✓ Site inspection: Viewing construction as it is occurring is valuable to identify problems that may not otherwise be seen. Checking electric and other similar supports can be done with drones without the necessity of having a human climb up a tall tower to inspect.

(DRONES—Continued from page 10)

- ✓ Agriculture: Drones are used to check field sizes, crop progress and limited spraying, without the dangers associated with crop duster planes.
- ✓ Police and Fire observation of sites. This saves the need for a human to be in danger.
- ✓ Security: Drones can inspect premises to identify risks that would be difficult for a human to do quickly and economically.
- ✓ Safety: Australia has started using drones to survey beaches for sharks.
- ✓ Photography: Drones can deliver video and photographs in high resolution of just about anything: Nature, colorful situations, traffic, events and more.
- ✓ Search and rescue: Drones can access locations that are difficult or dangerous during severe storms, earthquakes, and hurricanes to find survivors and help with rescue.

With the FAA promulgation of Rule 107, individuals and business can operate drones with assurance that they will not run afoul of government oversight. Some of the rules are:

- ✓ Line of sight. The operator must keep the drone in sight at all times.
- ✓ Night operations are not allowed.
- ✓ Maximum ground speed of 100mph and maximum altitude of 400 feet.
- ✓ Drone must be lighter than 55 pounds.
- ✓ Operations in commercial airspace (airports, etc.) only with ATC permission.
- ✓ Preflight inspection of drone required.
- ✓ Remote pilot airman certificate required. Pilot aeronautical knowledge required, unless the operator of the drone already has a pilot license.
- ✓ Registration of drone required. Over 500,000 drones have been registered already.

Intel has made some interesting innovations in drone technology. They have available a ready-to-fly drone that incorporates their Real Sense technology. It allows the drone to “see” conflicts ahead and move to avoid them. So, instead of flying into a tree, its drone can “see” the tree and maneuver around it to keep on track for the target. See intel.com/aero for more info.

Intel is also working on the ability to control more than one drone at a time. At Interdrone 2016, a video was shown of a demonstration of controlling 100 drones at a time over the opera house in Sydney, Australia. It showed the drones circling around in what appeared to be a random pattern and ended with an oval of drones in the sky with “Intel” in blue drones in the center. Most amazing!

Drone usage is exploding. There are many uses today for drones, but the future will open up many more things we have not even thought of today. ... TDB

Help DMA by using Amazon's “Smile” program!

AMAZON, the Internet's largest retailer (if you haven't noticed, Amazon isn't just for books any more!) has a “Smile” feature whereby Amazon donates a percentage of almost any purchase you make to a selected nonprofit organization. There is *no* extra cost to you. Click [here](#) to learn more or here to go directly to the sign-up page. Be sure to put DMA down as the beneficiary of your purchases.

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

Home Address _____

City _____ State _____ Zip _____

Home Phone _____-_____-_____

Skills & interests you might share with DMA _____

What you hope DMA will provide _____

TYPE OF MEMBERSHIP☐ **REGULAR**

Name _____ Birth date ____/____/____

Email _____ Mobile Phone (____) ____-____

☐ **ASSOCIATE** Family Associate memberships are available to those in the immediate family of a Regular member and living at the same address. Name of Regular member _____

Name _____ Birth date ____/____/____

Email _____ Mobile Phone (____) ____-____

☐ **STUDENT** Free memberships are available to students under 22 years of age who are enrolled full-time in a program of higher education.

Name _____ Birth date ____/____/____

Email _____ Mobile Phone (____) ____-____

School _____ Student ID# _____

☐ **SHELL ACCOUNT** A shell account on the DMA web server provides file storage, hosting of a personal non-commercial website, @dma1.org email alias (forwarding address), all for a one-time fee of \$10. A username must be 8 alpha characters. The usual default is last name and first initial, no caps or punctuation. DMA reserves the right of final decision on all usernames: 1st choice _____ 2nd choice _____**DUES AND FEES**Regular 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: \$10.00 fee will be charged for any returned checks*Make your check payable to:
Mail check and application to:Dayton Microcomputer Association
PO Box 4005
Dayton OH 45401-4005**DMA use only**Member# _____ Exp ____/____/____ ☐ Cash ☐ Check# _____ Proc by _____Member# _____ Exp ____/____/____ ☐ Cash ☐ Check# _____ Proc by _____Member# _____ Exp ____/____/____ ☐ Cash ☐ Check# _____ Proc by _____