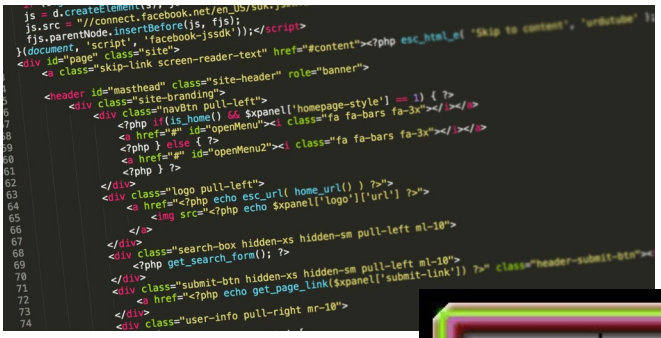
# — The DataBus —

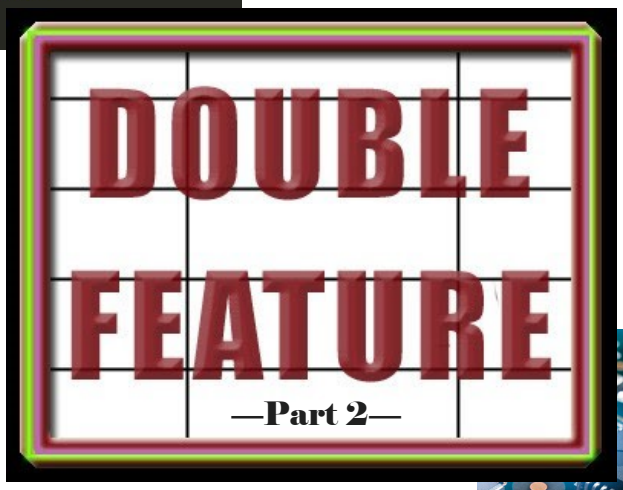
Monthly Newsletter of

## The Dayton Microcompter Association

Volume XII (New Series) N° 6 (June 2022)

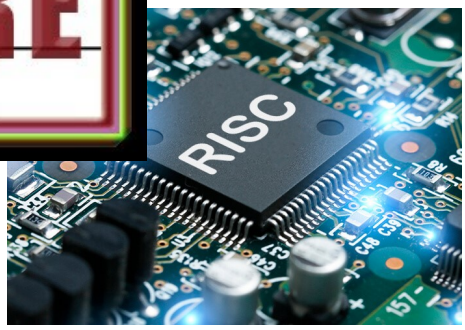



DMA Shell Accounts: What They Are & How to Use Them, starring Mark Camden




Gary Turner in

RISC Processors

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Save a Tree (or at least a branch)! If you prefer to print your DataBus rather than read it directly from a monitor, don't print page 13 unless you wish to become a member or renew your membership.

Post Office Box 4005
Dayton, Ohio 45401
(937) 777-DMA1
(777-3621)

Visit us at:
DMA1.org

## Your 2021/22 Officers:

***President***
Gary Coy
***Vice-President***
Edwin Davidson
***Secretary***
Glady Campion
***Treasurer***
Pat Flynn
*Officers need not be Trustees.*

## Trustees:

Glady Campion
Edwin Davidson
Patrick Flynn
Peter Hess
Chester Howes
Ken Phelps
Dave Schwab
Ed Skuya
Gary Turner

## Webmasters:

Mark Camden
& Brent Kerlin

*Webmaster Emeritus:*
Dave Lundy, †4/13/20

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.

## Submissions ...

The DataBus welcomes compliments, complaints, suggestions, and especially articles. We can accept articles in ASCII, or as attachments in plain text, Microsoft Word, Open or Libre Office Writer, or, yes, even in WordStar (a word-processing program that goes back to about 1980!). Send articles to:

Editor@DMA1.org

All articles are subject to editing for spelling, grammar, usage, and space. 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.

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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 or repair for your digital device or network, please seek the advice or services of a qualified professional.

## *May Meeting: 7:00 P.M., Tuesday, the 31ST*
## No Driving—No Charge*

* This is a "hybrid" meeting: via Zoom, but also in person. Come at 6 P.M. if you wish to join us in person for dinner at T. J. Chump's Restaurant in suburban Huber Heights, next door to the Meijer's Supermarket. Click *here* for a map. The restaurant has free parking. It is also accessible via RTA bus routes 18 and 19, but there is a short walk from the bus stop in the Meijer's department store parking lot to the restaurant.

## Double Feature:

# Gary TURNER & Mark CAMDEN

## DMA "Shell" Accounts

Recently there has been renewed interest in Shell accounts, a longtime feature of DMA membership, available at no extra cost. (There is a *one-time only* fee of $10.) **Mark Camden,** a longtime member of DMA and Webmaster of our site, will explain what a Shell account is and how to use it.

## RISC Processors

**Gary TURNER,** a Charter Member of DMA, current Trustee, and a frequent presenter, will give us some idea of what's available in the ever-growing world of RISC (Reduced Instruction Set) processors, their advantages, and shortcomings.

Our meeting starts at 7 P.M. DMA members will receive an invitation by e-mail for use with Zoom. Others may request an invitation by using:

http://www.dma1.org/contact-us/

... TDB

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

Trustees' meetings are usually on the *first Monday of each month,* except when that day is a legal holiday, for example: Labor Day in September. During the epidemic, Trustees began meeting via Zoom. This was so successful that they decided to continue the practice indefinitely. Meetings begin at 7 P.M. and are open to all DMA members. Request Zoom credentials (that's a fancy way of saying "an invitation") from Secretary Glady Campion at Tuesday's General Membership meeting.

# —MINUTES—
# DMA Board of Trustees
# Meeting of Monday, May 2, 2022

## CALL TO ORDER

The meeting was called to order at 7:00 P.M. by Gary Coy, via Zoom.

**Trustees present**: Glady Campion, Gary Coy, Edwin Davidson, Peter Hess, Chester Howes , Ken Phelps, Ed Skuya, Dave Schwab, and Gary Turner. **Guests:** Mark Camden, Pat Flynn, Stephen Frey, JJ Krull, and Mike Stock.

## GUEST PRESENTER

JJ Krull leads the Dayton Diode makerspace. Currently there are four active members in this SIG. They meet once a week at a home of one of the members. They want to continue to be a part of DMA. Their tools and equipment have been in storage since Covid hit, but they are trying to restart the group.

## OFFICERS' REPORTS

### President – Gary Coy

Gary said he thought the General Membership meeting went well and attendees showed interest in the talk on Chrome OS Flex.

### Vice President – Edwin Davidson

No report.

### Secretary – Pat Flynn, Glady Campion

Glady presented minutes for the April board meeting. Edwin Davidson moved the Minutes be accepted as corrected. Ed Skuya seconded and the motion passed with Gary Coy and Glady abstaining.

### Treasurer – Glady Campion, Pat Flynn

Pat presented the Treasurer's Report for April.

**—Notice—**

Because of confidentiality concerns (for example, anyone could readily discover in what financial institutions DMA holds its assets), Treasurer's Reports are not published. However, the current Treasurer's Report is available to any DMA member on request.

## COMMITTEE REPORTS

### Audit – Glady Campion

In progress

### Computer Museum – Peter Hess

Peter suggested we need a better name for the museum, something more than DMA Com-

*(Continued on page 5)*

*(April Minutes—Continued from page 4)*
puter Museum, a name that included a nod to modern technology.

The van donated by Suzette and Roy needs work done on the brakes. It also should have locks installed on the doors and the gas cap.

Peter again requested a separate account at The Dayton Foundation for any funds earmarked for the museum.

Peter is planning a meeting of the computer museum team on Wednesday, June 1st.

Glady will call and arrange for a tour of the available space at Spinning Hills Plaza.

**Fund Raising – Peter Hess**

In progress

**Marketing – Peter Hess, Edwin Davidson, Pat Flynn, Debra McFall, Catherine Devlin**

Peter has been working to get the word out about DMA. He needs more DMA fliers for Stephen Frey's presentation for the ICOD meeting on Wednesday. He wants to place DMA fliers and business cards at local computer shops.

**Gary Turner moved that Peter Hess be allotted $55 for acrylic sign holders. Dave Schwab seconded and the motion passed.**

**Membership – Glady Campion**

At the current time, we have 43 Regular, 4 Associate, 0 Student, and 5 Lifetime members for a total of 52. Attendance for April was 24, with 12 in person at TJ Chumps.

Chester Howes won the Wyze watch. Martin Arbagi picked up the Logitech Trackman mouse, which was donated by Mark Camden. Jeff Walton snagged the Onn 12" laptop sleeve, which was donated by Eric Ottoson. Bruce Lykins chose the Teamgroup 32 GB 3.2 flash drive, which was donated and preloaded by Gary Coy with Chrome OS Flex.

**Net Administration Team – Ken Phelps, Gary Turner, Pat Flynn, Brent Kerlin, Mark Camden**

The DMA phone is now virtual using Number Barn. Incoming calls will go directly to voicemail. Glady will create an alias address, dma-phone@dma1.org which will forward all voicemail to both Peter Hess and Edwin Davidson.

**Programs – OPEN!**

A big thank you to Gary Coy for telling us about the Chrome OS Flex and providing a flash drive for someone to try this new operating system.

Program for May - TBD

There was a suggestion for a future meeting on The Tarnished Side of Cryptocurrency.

Evolv Technology was suggested as a topic. They provide touchless security. Evolv Express spots concealed weapons and other threats using digital sensors and AI. Evolvtechnology.com

Other suggestions include "Pandemic Technologies" and "How to handle DMA shell accounts"

We still hope to schedule talks on fiber Internet.

Trustees also suggested talks about installing Linux on a Google Chromebook, or running

Linux on the Windows subsystem for Linux (WSL), or even installing Windows on a Linux Virtual Machine.

**Publications – Martin Arbagi**

The DataBus for April was posted.

**UNFINISHED BUSINESS**

**Wright State Archives – Martin Arbagi, Glady Campion**

Still in progress

*(Continued on page 6)*

*(May Trustees' Minutes—Continued from page 5)*

**Next Board Meeting**

Next Board Meeting will be 7:00 pm on Monday, June 6, 2022. We will continue to use Zoom.

**List of DMA accounts – Glady Campion**

Still in progress

**ADJOURNMENT**

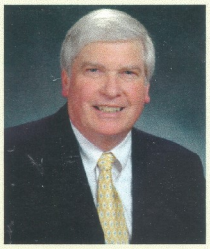
Dave Schwab moved to adjourn at 9:01 p.m. Edwin Davidson seconded and the motion passed with no one abstaining.

*Respectfully Submitted,*
*Glady Campion,*
*... Secretary*

# 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 donations.

**Wayne Fourman**
**May Financial Group, Inc.**
**Financial Planning Services**
425 Memorial Drive
P.O. Box 320
Greenville, OH 45331
**Phone (937) 548-5035**
www.waynefourman.com



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Since 1983

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## Patronize Our Member–Advertisers!

# Have you heard....?

May, 2022

*by* Glady CAMPION

**After 22 years, Apple is discontinuing the iPod …**
First arriving in October 2001, the pocket-size rectangle with a white face and polished steel frame weighed 6.5 ounces. It came packaged with white earbuds in a custom color, called moon gray, and held 1,000 songs.
It exploded in popularity in the years that followed, creating what became known as the iPod generation, according to *The New York Times.* The iPod was ubiquitous. Last week, Apple officially said goodbye to all that. The company announced it had phased out production of its latest model, the iPod Touch. The iPod's most important contribution may have been its role as a catalyst for the creation of the iPhone.
***BusinessReport.com***

**… and after many decades, Microsoft is trying to discontinue hard ("spinner") drives**
"Hard" disk drives (HDD's) are often derisively called "spinners" because they have actual disks made of aluminum, glass, or some other rigid substance, coated with a magnetic material, and spinning at high speeds. But they may be on the way out if Microsoft has anything to say about it. Microsoft is alleged to be trying to persuade manufacturers to substitute SSD's (solid-state drives) as boot disks for all PC's and laptops manufactured after 2023 and running the Windows Operating System. The "boot" disk is the one from which the PC actually starts, like the small starter motor on internal combustion engines. Spinners can still be used for storage of data (documents, pictures, etc.) since they are at the moment unrivaled for offering the most storage space at the lowest cost. SSD's, however, have the advantage in speed and mechanical durability, and been gradually dropping in cost.
***TomsHardware.com***

**Affordable Connectivity**
The Biden administration announced a plan this month to expand access to affordable high-speed internet access for millions of Americans. The plan is part of the Affordable Connectivity Program (ACP), which was created under the bipartisan infrastructure bill that was signed into law in November. Twenty internet service providers have agreed to either lower costs or increase speeds to provide eligible households with access to broadband internet with speeds of at least 100 megabits per second,

*(Continued on page 9)*

at a cost of no more than $30 per month. The 20 ISPs, which include AT&T, Verizon and Comcast, cover roughly 80% of the U.S. population, according to the administration.
***CBSnews.com***

**Knock Knock …**
Google dropped one development at its recent I/O developer conference that went largely unnoticed: Its AI can now understand jokes. Google's natural language AI is smart enough to recognize humor. The ability to understand the nuances of human language will lead to better and more natural interactions with machines. Google wants to educate people about the benefits of these kinds of AI smarts through upcoming devices like its Pixel 7.
When an audience responds to a punch line, their recognition is something learned from years of human interaction. But PaLM, or Pathways Language Model, learned it without being explicitly trained on humor and the logic of jokes. After being fed two jokes, it was able to interpret them and spit out an explanation.
The capability to parse the nuances of natural language and queries means that Google can get answers to complex questions faster and more accurately across more languages and peoples.
***CNET.com***

**"Hacktivist" Site Lets You Prank Call Russian Officials**
To protest the war in Ukraine, WasteRussianTime.today auto-dials Russian government officials, connects them to each other, and lets you listen in to their confusion.
Robocalls have become a modern scourge, a nuisance that somehow cannot be eradicated. But perhaps they can, at least, be repurposed to strike a very small and slightly absurd blow against the Russian government's unprovoked invasion of Ukraine.
A group of international hacktivists launched the website, designed to combine prank calling and robocalling into an automated weapon of telephonic annoyance targeted at the Russian state. Visit the site, click a button, and it will cycle through a leaked list of Russian government, military, and intelligence phone numbers to connect two random Russian officials—and allow the site's visitor to silently listen in as those officials waste their time trying to figure out why they're speaking to each other and who initiated the call.
The site's creators say the idea for WasteRussianTime.today came about 24 hours after Russia launched its full-scale invasion of Ukraine in late February.
***WIRED.com***
**NOTE: Although DMA understands the motivation and appreciates the creativity, we <u>do *not* recommend</u> using this service!** **… TDB**

# DMA Calendar of Events, 19 June through 23 July 2022.

**(Click anywhere on the calendar and scroll down for a fully updated version at our Web site.)**

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|
| Jun 19 *Father's Day* | Jun 20 | Jun 21 | Jun 22 | Jun 23 | Jun 24 **Python Self-Study** 2:00pm, Online PyFri Discord See http://d8ndl.org | Jun 25 |
| Jun 26 | Jun 27 | Jun 28 **MAIN MEETING** 7:00pm Online -AND- TJ Chumps 7050 Executive Blvd Huber Heights | Jun 29 | Jun 30 | Jul 1 **Python Self-Study** 2:00pm, Online PyFri Discord See http://d8ndl.org | Jul 2 **Classic Computers** 3:00pm By phone |
| Jul 3 | Jul 4 | Jul 5 | Jul 6 | Jul 7 **Genealogy SIG** 6:30pm Online gen-sig@dma1.org | Jul 8 **Python Self-Study** 2:00pm, Online PyFri Discord See http://d8ndl.org | Jul 9 **SBC SIG** 2:00pm DARA Clubhouse 6619 Bellefontaine Huber Heights |
| Jul 10 | Jul 11 **DMA Trustees** 7:00pm Online **Network SIG** 6:00pm Conf Rm Wlmngtn-Stroop Lib 3980 Wilmington Pike | Jul 12 **Investment SIG** 7:00pm Online investment-sig @dma1.org | Jul 13 **Dayton Dynamic Languages** 7:00pm Innovation Hub / online http://d8ndl.org | Jul 14 **NASAC** 6:00pm Hustead Fire Dept. 6215 Springfield- Xenia Springfield | Jul 15 **Python Self-Study** 2:00pm, Online PyFri Discord See http://d8ndl.org | Jul 16 **Classic Computers** 3:00pm By phone |
| Jul 17 | Jul 18 | Jul 19 | Jul 20 **Computer Museum Committee** 7:00pm Onlline | Jul 21 **Linux SIG** 7:00pm 348 Russ Eng Wright State Univ. Colonel Glenn Hwy Beavercreek | Jul 22 **Python Self-Study** 2:00pm, Online PyFri Discord See http://d8ndl.org | Jul 23 |

# 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 (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) within 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.*

# 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 nonprofit organization that you select. 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.

# About The Dayton Microcomputer Association, Inc. (DMA)

*By* Peter Hess, DMA President, 2018-2020

About forty-six years ago, a small group of computer enthusiasts from the Dayton, Ohio area gathered around a kitchen table looking at, and playing with, an early personal computer called the Altair 680 that 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 with many others to form The Dayton Microcomputer Association (DMA), now one of the oldest (if not *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 publishers, and users of their 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. Door prizes at General Meetings, picnics, banquets, and other DMA events, and both product and service discounts are available to all DMA members. **... 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*

Name _____ Home / Work (_____) _____-_____

Email _____ Mobile Phone (_____) _____-_____

❒ *ASSOCIATE* Family Associate membership is for a family member living at the same address as a Regular member. Name of Regular member: _____

Name _____ Home / Work (_____) _____-_____

Email _____ Mobile Phone (_____) _____-_____

❒ *STUDENT* Free Student membership is available to those under 22 years of age, enrolled full-time in a program of higher education. Name of School: _____

Name _____ Home / Work (_____) _____-_____

Email _____ Mobile Phone (_____) _____-_____

Home Address _____

City _____ State _____ Zip _____

**INTERCHANGE**

Skills & interests you might share with DMA _____

What you hope DMA will provide _____

❒ *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: **Dayton Microcomputer Association, Inc**
Mail check and application to: **PO Box 4005**
**Dayton OH 45401-4005**

Or use Paypal to send your payment to: **membership@dma1.org**

***DMA use only***

*Member#* _____ *Exp* ____/_____ *[ ] Cash [ ] Check#* _____ *[ ] Paypal Proc by* _____

*Member#* _____ *Exp* ____/_____ *[ ] Cash [ ] Check#* _____ *[ ] Paypal Proc by* _____

*Member#* _____ *Exp* ____/_____ *[ ] Cash [ ] Check#* _____ *[ ] Paypal Proc by* _____

*Revised February 25, 2020*