The Databus

—Contents—

ANNIVERSARY
40
1976-2016

ESTABLISHED IN 1976 (we're celebrating our 40th anniversary all this year), 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, those by paid–up DMA members usually receive preference.

ALL REGISTERED TRADEMARKS, for example: DMA, Amazon, Meetup, Microsoft Surface, NTI Backup Now, 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, troubleshooting, security, or repair. If you need expert assistance, please seek the services of a competent professional.

Identifiable in this pic are **Lillian Rudolph** & **Dave Schwab.** Is that DATABUS Editor **Martin Arbagi** in the tan plaid flannel shirt near the door? He's either blowing his nose or trying to figure out how to use his band-new digital camera. DMA Secretary **Glady Campion** in red (far left) is checking door prizes.

Pictures by JOE FLYNN, Staff Photographer

Grand Prize winner **Dave Schwab** walks off with his 3-D printer!

DMA Holiday Dinner

APCUG Region 3 Advisor **Bob Vance** shows off his swag—a laptop computer carrying case. Program Chairman and DMA Trustee **Jim Ullom** has his best side toward the photographer.

THIS ISSUE'S MINUTES are from October, *three* months late. Minutes are normally published almost two months late, because the Minutes for, say, the October Board meeting must be approved by the Trustees at the following month's meeting—in this case, early November. The corrected and approved November Minutes would thus usually have appeared in the November DATABUS, published toward the end of the month.

However, as most readers know, the Editor was involved in a severe auto accident on his way to the DMA meeting on 27 September. (A motorist going in the opposite direction suffered an apparent heart attack, and drove his vehicle into opposing traffic. In the resulting head-on collision, both cars were destroyed—see page 5.) As a result, DATABUS schedules have been disrupted. We'll have the November and December Minutes in the next issue!

The next Trustees' meeting will be on **9 January 2017** (since New Year's Day falls on Sunday this year, the legal holiday is Monday, the 2nd) at a place to be announced at the DMA Web site. Trustees' meetings begin at 7:00 P.M. and are open to all DMA mambers. We usually meet for dinner beforehand, and those wishing to dine with the Trustees should come at 6:00.

MINUTES
DMA Board of Trustees—Meeting of Monday, October 3, 2016

CALL TO ORDER

The meeting was called to order at 7:00 P.M. by Debra McFall.

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

OFFICERS' REPORTS

President – Debra McFall

Debra, Eric, and Pat have been doing research on D&O insurance.

Debra shared a few thoughts, including that we have had a very good year with strong attendance and many interesting speakers.

Vice President – Gary Coy

Gary agreed with Debra, noting that he is very happy with the current state of DMA, especially the projects that were started this past year.

Secretary – Glady Campion

Glady Campion presented the Minutes for the previous board meeting. Jim Ullom moved the minutes be accepted. Gary Turner seconded and the motion passed.

Treasurer – Pat Flynn

Pat presented financial reports for the past month. *(See box on the next page.)*

COMMITTEE REPORTS

Audit – Glady Campion

No action until after Jan 1.

Bylaws Review – Eric Ottoson

Eric is reviewing the recommendations from the reviewers.

Funding – Open

Peter Hess volunteered to head the committee. His first request is that the name be changed to "Fundraising". He is also interested in establishing a planned giving program.

Membership – Glady Campion

As of last month's General Membership meeting, we had 68 Regular, 3 Associate, 0 Student, and 2 Life members for a total of 73. Attendance last month was 28 and the 50/50 brought in $27.

Net Admin Team – Ken Phelps, Gary Turner

One member emailed Glady directly for a password reset, instead of contacting root or the webmaster. Glady may be able to handle the issue.

Programs – Jim Ullom (absent)

Thank you to Ken Phelps for his presentation on Qubes OS, a new security-related operating system.

October is Computer Security month. Gary Coy offered to lead a discussion on "Useful Internet Security Tips". For door prizes, Ken Phelps will load flash drives with "TENS OS" (Trusted End Node Security).

Publications – Martin Arbagi (absent)

Martin is home recovering from a car accident. We are all relieved he is okay and recovering quickly.

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

The Meetup account is running fine. Ed will continue to place ads in local newspapers. Peter Hess asked to join this committee.

OLD BUSINESS

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

The next meeting needs to be scheduled.

Wright State Archives – Martin Arbagi, Glady Campion

Glady needs to review the donation made by Gary Turner and prepare our collection for the donation to Wright State. Peter Hess has items to add to our records.

Next Board Meeting

The next Board Meeting will be 7:00 P.M. on Monday, November 7, 2016 at Sakura, 1781 North Bechtle, Springfield. Those who want to join us for dinner should meet us at the restaurant at 6:00. Eric Ottoson has reserved the Community room for us at the Greene for February thru June. Summer Picnic – Martin ArbagiGlady is working on a final report.

NEW BUSINESS

Officer Elections

A discussion was held on who would serve as officers for 2016-2017. Jim Ullom moved that the following slate be accepted:

ACCOUNT BALANCES:
FifthThird Checking..... $12,998.39
FifthThird Savings 11,222.30
Paypal 908.84
Everbank CD 5,024.52
Dayton Foundation..... +79,061.85*
Total $109,148.60
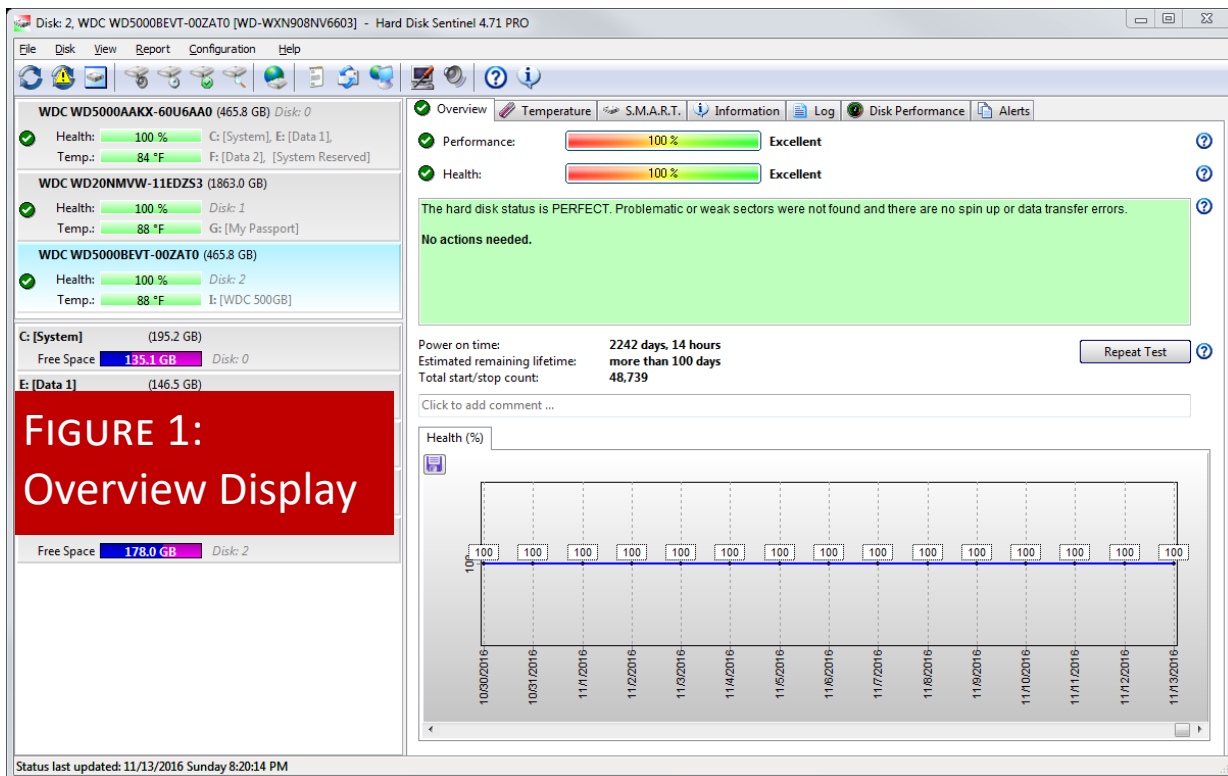*Dayton Foundation figures are only updated quarterly.

MONITOR AND PROTECT YOUR PRECIOUS DATA
WITH HARD DRIVE SENTINEL

Review *by* GABE GOLDBERG, APCUG Representative, Potomac Area Technology and Computer Society; APCUG Advisor, Region 2
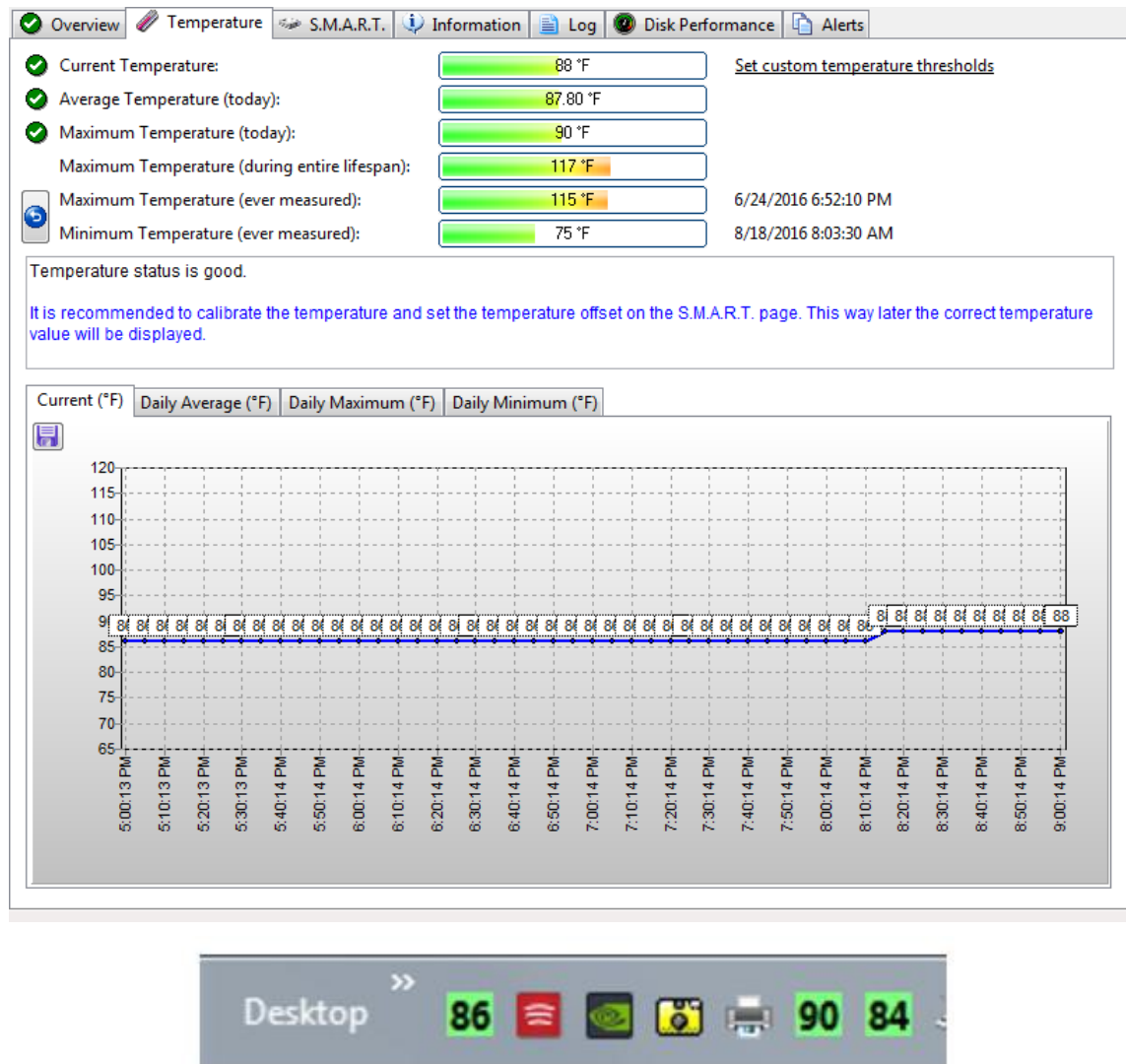GGoldberg (at) apcug.org

STORAGE DEVICES ARE UNAPPRECIATED WORKHORSES: spinning hard drives and immobile memory chips reliably and rapidly save and fetch your data, year after year. Until—uh oh, something's wrong and where's my data?!

I've been running HD Sentinel (http://www.harddisksentinel.com/) for about five months on two computers—my desktop system and my wife's laptop. It's a powerful tool for monitoring storage device health, and for learning more about how they work than you likely imagined possible. While the tool's website focuses on simple hard drives, HD Sentinel also supports other storage devices: SSDs, SSHD (hybrid drives), memory cards and thumb drives (where available), tape drives, and RAID controllers.

HD is configured on both my systems to show icons for each connected hard drive: one on the laptop and three (one internal, two external) on my system. By default, the icon shows current disk temperature (with green/orange/red visually indicating status); mousing over icons displays a summary of disk health and clicking opens the comprehensive display.

FIGURE 1:
Overview Display

HDS can be used for maintaining one's at-a-glance comfort level (I like all my drives described, "The hard disk status is *perfect*. Problematic or weak sectors were not found and there are no spin up or data transfer errors. No actions needed.") and for drilling into drive history (temperature patterns, various sorts of errors, performance information, and more.

For many years, hard drives have included S.M.A.R.T. technology https://en.wikipedia.org/wiki/ S.M.A.R.T.— described as "a monitoring system included in computer hard disk drives (HDDs) and solid-state drives that detects and reports on various indicators of drive reliability, with the intent of enabling the anticipation of hardware failures." But annoyingly, most operating systems don't easily make that information—and recommendations or warnings—available. At least twice, based on such warnings, I've been able to replace drives in the process of failing before any data were at risk. So I'm a firm believer in having software running to disclose drive information while there's time to act on it.
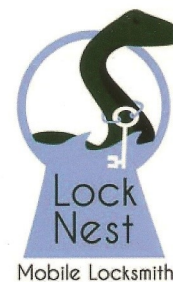
HDS is developed, maintained, and supported by a dedicated developer who's passionate about his product and brilliant at both tech support and answering questions about product usage. It's available at a bargain price for lifetime license (no renewal or subscription costs, free version upgrades) and a worthwhile investment in both knowledge and comfort.   … T D B

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 site may not include discount coupons for DMA members, although discount offers may be included in the advertisement *itself*. See the example below right, which includes a member discount.

10% Discount to DMA members!

WANTED: Typist (on PC)   Contact: **WYNN ROLLERT** (DMA Member)

ACCURACY: Important   (937) 256–1772 … at any time

SPEED: Not as Important

(Continued from page 5)

President – Gary Coy

Vice President – Peter Hess

Secretary – Glady Campion

Treasurer – Pat Flynn

Gary Turner seconded and the motion passed.

Many thanks to outgoing officers Debra McFall and Eric Ottoson.

Dayton Diode – Mark Camden, Pat Craig

Mark and Pat have been preparing to give a class on the Raspberry Pi on October 23 at the Wright Memorial Library. They are also hoping to do a similar class at the Beavercreek library, but nothing has been confirmed yet.
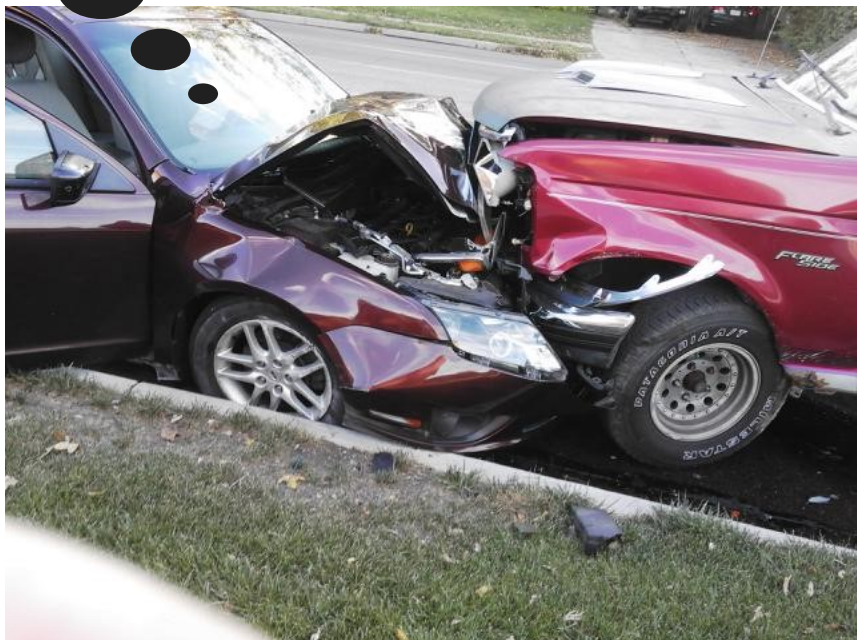
ADJOURNMENT

Jim Ullom moved to adjourn at 8:44 P.M. Gary Turner seconded and the motion passed.

Respectfully Submitted,

Glady Campion,

Secretary

I <u>knew</u> I should've skipped this DMA meeting!

Picture courtesy of the WHIO Nightly News, 11 P.M., 27 Sept, 2016: "Both men are expected to survive."

Click anywhere on the DMA Calendar (below) to go to the original at DMA1.org.

Dayton Microcomputer Association
Events for January 2017
For additions or corrections, contact **Dave Lundy**
For details, such as location and contact info, please select Text type display.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 New Year's Day	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16 Martin Luther King Jr. Day	17	18	19	20	21
22	23	24	25	26	27	28 Data Privacy Day
29	30	31				

On-line DMA
membership registra-
tion or renewal is *still*
available ... simplified
form compared with the
one on the next page,
too!

Click here.

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: **Dayton Microcomputer Association**
Mail check and application to: **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 _____

Revised Apr 7, 2016