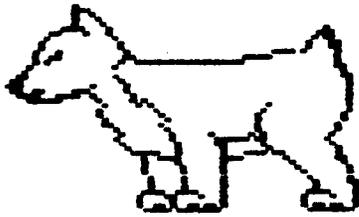


D.A.U.G.

Newsletter

DuPage Apple Users Group

MARCH 1985



MARCH MEETING

When: 7:30 pm, March 12, 1985

Where: Faith United Methodist Church
59th & Fairview, Downers Grove

Topic: DAUG Auction

Other Dates to Remember

- Mar 5: Applesoft SIG (Call 968-3897 for details)
- 12: Regular meeting: Anything to Auction?
- 20: Assembly Language Class (7 pm, Downers Grove Library)
- 27: DAUG Board Meeting (7 pm, Downers Grove Library)
- Apr 2: Applesoft SIG (Call 968-3897 for details)
- 9: Regular meeting: What is an Operating System?
- 17: Assembly Language Class (7 pm, Downers Grove Library)
- 24: DAUG Board Meeting (7 pm, Downers Grove Library)
- May 7: Applesoft SIG (Call 968-3897 for details)
- 14: Regular meeting: Marketing Software
- 22: DAUG Board Meeting (7 pm, Downers Grove Library)
- June 4: Applesoft SIG (Call 968-3897 for details)
- 11: Regular meeting
- 26: DAUG Board Meeting (7 pm, Downers Grove Library)
- July 2: Applesoft SIG (Call 968-3897 for details)
- 9: Regular meeting
- 24: DAU Board Meeting (7 pm, Downers Grove Library)

OFFICERS

- President: Bob Konikow, 968-3897
- VP/Membership: Chuck Jonah, 985-5497
- Secretary: Ron Scharping, 968-0157
- Treasurer: Ed Danley, 969-4433
- Librarian: Priscilla Walling, 964-4894
- Program Ch: Ralph Stein, 985-7850
- Editor: Dave Dohmeier, 941-1645
- Directors: Dick Zacher, 986-0986
- Bruce Mansfield, 420-1608

FUTURE MEETINGS

Current plans for future meeting topics through March 1985 were summarized in the December issue of the Newsletter. Some additional information is now available for some of these meetings. Also, possible meeting topics have been added for April and May. There are two reasons for letting you know well in advance about these meeting topics. First, to make it possible for you to reschedule your vacation or business trip to Hawaii to attend a meeting in Downers Grove that may be especially interesting to you. Second (and more seriously), so that you have the opportunity to participate by actively taking part. Please contact the Program Chairman or any of the other officers if you can contribute to any of these meetings.

MARCH: The First DAUG Auction. We now have some definite items (all terrific bargains, of course) to auction off. These include Joy Sticks, Paddle Push buttons, a Key Board, an Apple Firmware Card with Integer ROM, a Tymac Printer Interface card, a 16K card, the first edition of Applewriter, an Electrostatic Printer, huge hard disk cartridges, mystery computer PC cards with lots of ICs, electronic "junk", books, and magazines. But we need more. What do you have that you don't need anymore? See the other article on this auction elsewhere in this newsletter.

APRIL (Tentative) Operating Systems for Apples. The operating systems we are considering for presentation are DOS 3.X, PRODOS, Pascal, and CP/M. Current plans are to have presentations and illustrations of each. Volunteers please! All officers's terms expire in May, so election nominations will be part of this meeting as well.

MAY (Tentative) Marketing Software. Suppose you have created a program that you believe others may be interested in purchasing. How do you go about finding potential buyers? Talks by those experienced in selling software are intended. Your suggestions would be helpful. Election of new officers will take place this month.

Ralph P. Stein

Treasurers Report for	February
<hr/> <hr/>	
PREVIOUS BALANCE	1765.09
REVENUE	
MEMBERSHIP	128.00
MONTHLY DOM'S	175.00
<hr/>	
TOTAL REVENUE	303.00
EXPENSES	
REFRESHMENTS	2.00
NEWSLETTER+STAMPS	109.05
<hr/>	
TOTAL EXPENSES	111.05
NET INCOME	191.95
<hr/>	
ENDING BALANCE	1957.04

Ed Danley

THE FEBRUARY MEETING

The main topic was Plug-in Cards for Apple IIs, preceded by an extended general discussion and question and answer period before the usual break in response to suggestions from several members that previous meetings have not allowed sufficient time for this purpose.

A variety of special interests and individual problems were identified during the extended discussion period. It was then possible for those with similar problems or with relevant expertise to meet during the break. Included were a group of MacIntosh owners. Perhaps, if they have not done so already, they will report the results of their informal meeting to our Newsletter editor so that other Mac owners who did not attend the February meeting will be informed. There was some discussion, welcomed by the Program Chairman, about program topics for future meetings. Suggestions included having detailed tutorial type presentations rather than the more general coverage currently used to cover a variety of subjects under a single unifying main topic. Also suggested as possible meeting topics were Scientific Data Acquisition, Apple Computers as Controllers for home use, Accessing Databases, Modems and Telecommunication, and a meeting during which small special interest groups would gather independently. It was recognized by all that there are major difficulties associated with finding both qualified speakers and equipment for many of these suggested topics, especially for an organization of volunteers. However, all of these suggestions will receive serious consideration at future DAUG Steering Committee meetings. As you know, all DAUG members are invited to attend these planning meetings (Fourth Wednesday of each month, 7pm, Downers Grove Public Library).

After the break, Wayne Perk described and demonstrated the ABT Softkey with plug-in card, Priscilla Walling did the same for a "Kit Built" sprite card described in the August 1982 issue of Byte, Ron Hanus covered the Speedemon Accelerator card (See his article on this card in the October '84 issue of the DAUG Newsletter for more information), and Randy Paulin talked about a

68000 Microprocessor card which he uses professionally for 68000 assembly language program development with an Apple II+. The interesting presentations given by these DAUG members were appreciated by all.

Ralph P. Stein

THE DAUG AUCTION

The main activity of the March meeting will be an auction of computer related items. As noted in a previous newsletter, this activity is a first for DAUG and probably for any Apple Users Group. We're all curious to see how it works out. It may not only be the first, it could also be the last. But it will be interesting, "I gaar-in-tee!" (Justin Wilson). All DAUG members and guests are invited to take part. Here's a sample of some the items that we know of that you'll be able to bid on: 16K, 64K and 128K memory cards; an Apple Firmware card with Integer Basic in ROM, an Electrostatic Printer, an Apple II Disk Drive (Defective), a Tymac Printer Interface card (Defective), Joy Sticks, a ROM Plus card, an ALS 280 card, a Videx 80 column card with Softswitch, a variety of programs including the first and second editions of Applewriter, a keyboard, huge hard disk cartridges, books, magazines, computer related electronic junk, and more.

Here is a listing of the rules that we'll operate under.

- (1) All items to be auctioned off should be brought to the meeting room at 7:00 pm (i.e. 1/2 hr before the regular meeting time) so that they can be registered and put on display for inspection before the auction begins. The auction will begin at 7:45 pm.
- (2) All items should be accompanied by a 4X6 index card (we'll have a supply available if you can't find any) containing the following information: (a) Name and phone number of person offering the item. (b) An identifying name for the item. (c) The condition of the item - e.g. what's wrong with it. (d) Desired minimum bid if any.
- (3) Ten percent of the final bid for an item rounded up to the nearest 10 cents, but not to exceed \$20, shall be paid to the club treasury by the seller.
- (4) Payment for an item shall be made to the club treasurer at the "Front Desk" immediately after the auction for that item is concluded. Checks will be accepted from DAUG members only; all others must pay cash.
- (5) Payment to "sellers" will be made by the club treasurer after the entire auction is concluded (about 9:30 pm).
- (6) The auctioneer shall, with the assistance of the seller if necessary, and by inspection, attempt to describe as accurately as possible the condition of each item just before the auction for that item begins. All sales will be final; however, sellers are encouraged to attempt to resolve "after sale" disputes with buyers in a fair and friendly manner.

(7) The auction will end at 9:30pm (We must vacate the meeting room by 10pm). Items not auctioned off will be returned to their original owners. The order of items auctioned off will be determined by the auctioneer.

Ralph P. Stein

The Sider 10 meg hard disk

The Sider is made and sold by First Class Peripherals of Bethlehem, Pa.

It took me about 30 min. to hook up the hard disk, cables, controller, and adapter.

The manual is only 54 pages long but is straight forward. There is a toll free phone number you can call (and I have) if you have trouble. It is formatted for Pascal, CPM, DOS 3.3, & ProDos. You may set your own partitions for the percentage of each system. You can also add another 10 meg hard disk to the system for a total of 20 meg. for about \$500. I suggest that the Profile name be used instead of their hard1 name for ProDos entry prefix.

In DOS you can have volumes with standard floppy memory size or large volumes of 400 bytes each which is nice for word processors.

You are supposed to turn on the hard disk first to let it get up to speed so I put a timer on my system to turn on the Apple 5 sec. after the Sider.

The Sider boots to the following menu.

- 1 boot into PASCAL
- 2 boot into CP/M
- 3 boot into DOS
- 4 boot into ProDos
- 5 run support utilities
- 6 boot into slot #6
- 7 quit and park heads

Since #5 is disk utilites , here is its menu.

- 1 hard disk DOS directory
- 2 diagnostics
- 3 fcp's 'fid'
- 4 backup/restore files
- 5 change PASCAL unit number
- 6 mount / dismount CP/M volumes
- 7 make new DOS boot track
- 8 run user menu
- 9 format a floppy

With a 1 year service warranty, a hot line for help, and a cost of only \$695.00 its a real buy. I have had mine for 2 months without any trouble except in getting some ProDos program directories to locate there. The hot line helped. We have used up about 6 meg to date with DOS and ProDos. It sure is nice to be able put 30 floppies away on a shelf somewhere instead of all over the desk.

The only thing I do not like is that it is a bit noisy and it must be close to the Apple as the cable is only about 18 in. long.

Specifications:

formatted capacity 10mb
sectors/track 32
bytes/sector 256
cylinders 612
heads 2
avg. access 155 ms (including settling)
avg. latency 8.33 ms
recording format mfm
power consumption 40w
temp operating 10 deg-40deg c.
rel.humidity 20-80%
shock operating 5g
shock nonoperating 40g
weight 11 lbs
width 3.375 in.
depth 16 in.
height 7.5 in.

Frank Carlson 834-2010 or 834-2703

HOW TO SUBMIT NEWSLETTER ARTICLES

Articles for publication in the DAUG Newsletter can be given to any of the officers at the regular monthly meeting. They can also be mailed directly to the Newsletter Editor at the following address:

Dave Dohmeier
443 Niagara
Elmhurst, IL 60126

The deadline for submission of these articles is the date of the board meeting (see the schedule on page 1). Remember, the Newsletter is for you and by you. As an added incentive for you to submit an article, you will be entitled to a free DOM during each month you submit an article. We can use articles from newspapers and magazines (except Nibble) and your own creations are especially welcomed. I particularly like reviews of hardware and software. Your cooperation is needed and appreciated.

HELP LINE

The following members have volunteered to answer questions by phone on the subjects listed. Please be considerate when calling for help. Think through your question; collect all the information; and don't call later than 10 p.m. If you'd like to help, let us know.

Applesoft: Chuck Jonah, 985-5497
DOS: Chuck Jonah, 985-5497
General: Earl Allen, 837-9259
Interface: Rufus Teesdale, 469-8836
Mach Lang: Chuck Jonah, 985-5497
Modems: Rufus Teesdale, 469-8836

MICRO-GRIP

Review of a friction feed adaptor for Epson-MX 70/80 and RX 80 type printers from Bill Cole Enterprises.

Ever since I bought my MX 80 printer several years ago, I have wished for a friction feed adaptor. Orange Micro had one out a while ago that would have had me remove the entire platen assembly every time I wanted to print my 1-UP mailing labels, then re-install it for friction feed capabilities. Needless to say, that wasn't quite acceptable.

The Micro-Grip does not interfere with the normal tractor feed mechanism. The Micro-Grip simply adds a rubber Micro-Press to the paper pressure bar, and replaces the paper-guide with two rubber Micro-Platens. Once installed (it takes about 1/2 hour), you feed in non pin-feed paper until the top of the paper is resting between the Micro-Press and the Micro-Platens. This prevents you from printing on the top 1 1/2 inches of the form, but that is normal with an Epson printer. If you use letter head paper, the letter head usually covers this area nicely. Tractor paper feeds in the normal way and is not affected by the Micro-Grip. To use my 1-UP labels, all I have to do is slide the Micro-Grip to the left side, feed in the labels and be on my way.

On the less-positive side, I have found that plain paper feeds in better if you leave the tractor guides open. They tend to catch the sides of standard paper and prevent it from feeding properly. Also when the Micro-Grip is slid to the side, enabling me to use my 1-UP labels, the paper guides cannot open fully because the Micro-Press is blocking them. However, the guides do open enough to allow me to feed in the forms.

For me, finally having friction feed capability, the \$39.95 price for the Micro-Grip was money well spent.

Ed Danley

MIMCO STICK

A review of a joystick mentioned at the February meeting.

I have had my MIMCO joystick for about 2 years now. Since someone mentioned getting together a large in order to get a discounted price, I thought it might be nice to review it before the order is placed.

First off, for all of you considering placing an order, go ahead and do it. The MIMCO joystick is, in my opinion, the best joystick available for the APPLE. Besides being solidly build (I have a 1 1/2 year old who can do it no harm), the MIMCO joystick has all 3 push buttons that the APPLE recognizes available. The joystick itself is self-centering with trimmer controls on both axes to truly center the stick. The joystick also has a side port to allow you to have your paddles continuously plugged in. A switch allows you to select either the paddle control or the stick.

The size of my MIMCO stick might be considered the only real disadvantage. Being 4.5 X 6 inches makes it one of the larger joysticks on the market. However, the newer models of the MIMCO joystick have been reduced in size. The lack of the ability to defeat the self centering could also be considered a disadvantage.

The internal springs can be removed, but I found that to be more of a bother than it was worth.

I cannot remember the price I paid for my MIMCO joystick, but considering I bought it a couple of years ago, and I wasn't in on any group purchases, I probably paid considerably more than the current price. It was still well worth the price.

Ed Danley

NOTES ON FILE DISK CATALOG.X

Buried within the collection of DAUG DOMs are some very sophisticated and useful programs. After a few years of avid computing, disks containing many varied and wonderful programs from a wide variety of sources have found their way into a sizeable collection of shoe boxes, Flip'n'File boxes, an old tobacco humidor, and other assorted and obscure places. I keep fighting off the question "Do I need to organize this stuff? (so I can start cleaning it out?)."

One very interesting program, contained on DAUG DOM VOL. 31, is "FILE DISK CATALOG.X". It will automatically do a CATALOG of your disks, save the CATALOG information to a "text" file, and will insert a volume number (i.e. a name for your floppy disk) for each catalog entry. The program allows you to edit the listing to add categories (games, utilities, etc), and a rating for each file indexed. It is very easy to use, and will allow you to search, or sort on any field.

The only problem is that it did NOT run on my //e !! At last I have tackled the job of analyzing this machine language program. I found out by accident that the program would run if I did a BRUN from INTEGER BASIC (a language I "never" use). At first I thought that the author of the program used some nonstandard entry points to the monitor routines, which would limit the program to a peculiar machine configuraton. After several hours of analyzing the program, I learned that there is more than one HIMEM, and that all HIMEM's are not created equal. That is, the APPLESOFT HIMEM is stored at a different location than the integer BASIC HIMEM. The program uses the INTEGER BASIC HIMEM to compute how much memory it will erase. The problem is, that when APPLESOFT BASIC is invoked, a very large number is stored in the INTEGER BASIC HIMEM, with the result that "everything in sight" (DOS, for example) is erased by the second subroutine of the program! The cure is to enter:

```
"BLOAD FILE DISK CATALOG.X,A$0800 <return>"
```

```
"POKE 3828, 169 <return>"
```

```
"POKE 3829, 150 <return>"
```

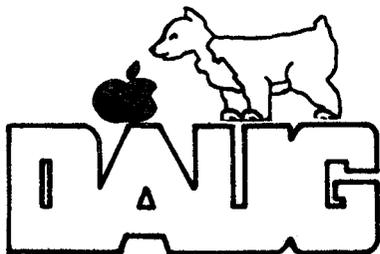
This tells the program that it should stop erasing memory at the usual APPLESOFT HIMEM location of hex \$9600, where DOS begins on a "48K apple", one with 64K of memory. If you have less memory to work with, then make the 150 value in the second POKE instruction a bit smaller.

Finally, you can save your handwork by entering:

```
"BSAVE FDC,A$0800,L$1664"
```

I am working on modifying this program, and will be reporting any useful changes I come up with.

Bruce R. Mansfield



DuPage Apple User's Group
Disk of the Month

DOM VOLUME 44 MARCH 1985

- A 028 CATALOG MANAGER
CREATES THIS CATALOG LISTING.
- I 007 COLOR PATTERNS
PRODUCES HYPNOTIC CONVERGING COLOR PATTERNS.
- A 010 SPEP
SIMPLE POLYNOMIAL EXPANSION PROGRAM. SEE REM STATEMENTS FOR DIRECTIONS.
- A 016 TEXT IN HI-RES INSTRUCTIONS
INSTRUCTIONS FOR USING ASCII CHARACTER SHAPE TABLES TO LABEL HIRES PICTURES.
- A 025 TEXT IN HI-RES DEMO
DEMO SHOWING USE OF ASCII SHAPE TABLES ON HIRES SCREEN.
- B 004 ASCII CHAR
SHAPE TABLE CONTAINING ALL ASCII CHARACTERS ON APPLE'S KEYBOARD.
- T 002 FORECAST
DATA FOR HI-RES DEMO.
- T 002 ACTUAL
TEXTFILE OF DATA FOR HI-RES DEMO.
- A 003 FORECAST FILE GENERATOR
CREATES X-Y DATA FOR HI-RES DEMO.
- A 003 ACTUAL FILE GENERATOR
GENERATES X-Y DATA FOR HI-RES DEMO.
- A 003 BINARY PROGRAM ADDRESS FINDER
FINDS BINARY ADDRESS OF LAST LOADED BINARY FILE.
- T 011 WORD PROCESSOR PROCESSOR
USE WORD PROCESSOR OR TEXT FILE READER TO READ STEPS NEEDED TO TRANSFER EASY WRITER FILES TO ANOTHER APPLE USING A SERIAL CARD.
- T 013 INOUT.DOC
USE WORD PROCESSOR OR TEXT FILE READER TO READ. EXPLAINS HOW TO ENTER COMMAS IN YOUR STRING TO DISK WITHOUT ERROR.
- T 006 INOUT.TEXT
USED IN INOUT.
- B 002 INOUT
BRUN THIS AND USE AMPERSAND TO CHANGE COMMA TO ANOTHER CHARATER WHEN ENTERING STRING DATA.
- A 007 LOAD INOUT
RUN THIS TO SEE HOW INOUT IS USED.
- A 009 DINO MATH
PRESCHOOL COUNTING ADDITION AND SUBTRACTION PROGRAM. USES DINOSAUR SHAPES AND SOUND.
- B 003 SHAPE
SHAPE TABLE OF DINOSAURS FOR USE WITH DINO MATH.
- T 001 LABELS-P4-Q2-GRADEBOOK
EXAMPLE DATA FOR GRADEBOOK.
- A 004 TEMP
FROM DAUG CHRISTMAS CONTEST. IT MAKES "ORNAMENTS".
- A 003 CONTEST PROGRAM #7
FROM DAUG CONTEST. DRAWS AND DECORATES A CHRISTMAS TREE.
- A 002 MAZEGAME.BLACK&WHITE
FROM DAUG CHRISTMAS CONTEST. USE A Z -> <- TO FOLLOW MAZE.
- B 006 MAZEB
SETS UP THE MAZE FOR MAZE GAME.
- B 006 MAZEC
COLOR VERSION OF MAZE SET-UP.
- A 002 MAZEGAME.COLOR
SAME AS BLACK AND WHITE VERSION.
- A 041 BASKETBALL STATS
DATABASE OF BASKETBALL STATISTICS. KEEP TRACT OF YOUR FAVORITE TEAM.
- T 004 EAST
SAMPLE SCHOOL FOR BASKETBALL STATS.
- B 068 B.EAST
SAMPLE DATA FOR BASKETBALL STATS.
- A 045 GRADEBOOK
A TEACHERS'S GRADE MANAGEMENT SYSTEM. THIS PART LETS YOU ENTER NAMES CLASSES AND GRADES IN VISICALC LIKE FORMAT COMPLETE WITH SCROLLING WINDOW.
- A 089 AVERAGER
PART OF TEACHERS'S GRADE MANAGEMENT. IT PRINTS OUT GRADE REPORTS FOR CLASS OR STUDENT.
- A 003 WINDCHILL
PRINTS OUT A CHART OF WINDCHILL DUE TO WINDSPEED VERSUS TEMPERATURE.
- B 005 PRINT
USED IN AVERAGER.
- T 006 T.BASKETBALL STATS
SAMPLE FILE FOR BASKETBALL STATS.
- B 002 SCROLL
SCROLLS WINDOW IN GRADEBOOK.
- T 005 T.GRADEBOOK
SAMPLE GRADEBOOK FILE.
- T 004 T.WINDCHILL
WINDCHILL DATA.
- T 001 GRADES-P4-Q2-GRADEBOOK
SAMPLE GRADEBOOK FILE.
- T 002 ROSTER-P3-Q2-MRS FINK
SAMPLE GRADEBOOK FILE
- T 002 LABELS-P3-Q2-MRS FINK
SAMPLE GRADEBOOK FILE.
- T 002 GRADES-P3-Q2-MRS FINK
SAMPLE GRADEBOOK FILE.
- T 001 PROG.LIST
CONTAINS THIS CATALOG LISTING.

VISIT OUR FRIENDS!

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A number of local computer stores support our activity by offering the discounts listed below to those who show their membership cards. Stores that sell merchandise to everybody at a discount are not included.

- Byte Shop of Darien, 8105 S Cass Av, Darien (960-1422) -- 10%
- Computer Grove, 1121 Warren Av, Downers Grove (968-0330) -- 10%
- Computer Junction, St. Charles Rd and Route 83, Elmhurst (530-1125) -- 15%
- Computer Junction, 7 S LaGrange Rd, LaGrange (352-4800) -- 15%
- Computer Workshop, 1626 W Ogden Av, Downers Grove (971-0004) -- 10% on training and rentals; none on consulting or programming
- ComputerLand, 136 Ogden Av, Downers Grove (964-7762) -- 5%
- Farnsworth Computer Center, 1891 N Farnsworth Av, Aurora (851-3888) -- 15%
- Farnsworth Computer Center, 383 E North Av, Villa Park (833-7100) -- 15%

Frequently a smaller discount is offered if a credit card is used. If a store would like to be included in this listing, please write the editor and give us your discount schedule for Apple-User Group members.

P O Box 294
Downers Grove IL 60515

The mailing label to the right is the only notice you will get that your membership is expiring. If you let your membership lapse, you will have to pay another initiation fee of \$8, plus your \$12 dues, to get back on our list.