D.A.U.G.

Newsletter

DuPage Apple Users Group

APRIL 1986

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A P R I L   M E E T I N G
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When: 7:30 PM, APRIL 8, 1986

Where: Lincoln Center
        935 Maple Ave
        Downers Grove, IL

Topic: EDUCATION SOFTWARE

Other Dates to Remember

Apr 7: Applesoft SIG (Call 968-3897 for details)
     8: Regular meeting: Education Software
    16: Board Meeting (7PM, Downers Grove Library)
    21: Beginners SIG (7PM, Downers Grove Library)
    22: Applesoft SIG (call 968-3897 for details)
    29: Appleworks SIG (7PM, Wooddale Library)
May 13: Regular meeting: Synthesis Boards
    21: Board meeting (7PM, Downers Grove Library)
    27: Applesoft SIG (call 968-3897 for details)
    27: Appleworks SIG (7PM, Wooddale Library)
    28: Beginners SIG (7PM, Downers Grove Library)
June 10: Regular meeting : SIGS
    18: Board Meeting (7PM, Downers Grove Library)
    24: Appleworks SIG (7PM, Wooddale Library)

O F F I C E R S
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President:	Bob Konikow	968-3897
VP/Membership:	Jim Cormack	960-5691
Secretary:	Albert Hilliger	860-2626
Treasurer:	John Sandora	352-3059
Librarian:	Detlef Adolff	766-7741
Program Ch:	Ed Danley	969-4433
Editor:	Don Smith	629-5033
Directors:	Chuck Jonah	985-5497
	Priscilla Walling	964-4894

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Don't Ask For Your Discount Until The Sale Has Been Rung on
the Register (or How to Drive Your Computer Salesman Crazy)

Don't look in your manual. Call the Computer store first. They
have nothing else to do anyway

After you've destroyed the package and tested the software,
leave the Disk in the Computer or put it in the package so the
title is covered.

When testing software in the store (3 hrs min. test time)
don't bother to open the package carefully. Just rip the box
open. The store has lots of them. They can always put it on
the 1/2 price table or throw it away.

Quote magazine mail order prices to the salesman at your local
retail store. They need positive reinforcement.

Always bring at least 3 unruly children to the store and
unleash   them to destroy the displays and annoy other
customers. This gives you the oppertunity to berate the staff
for ignoring you while trying to savage the store.

Ask the Salesman the number of pixels each monitor can
display. They always have this on the tip of their tongues.
They're just waiting for you to ask.

Call the computer store to ask for help. Then when the
salesman answers ask him to hold while you take another call.

If there is a problem. Call   the store and get nasty with the
girl that answers the phone. She enjoys taking abuse for
things which she has no control over.

Never! Never! Never!   Ask for your club discount until after
the salesman or checkout girl has rung your purchase and given
you a receipt. Look very surprised and say "You didn't give me
my discount!"

Ken Nestle, Farnsworth Computer

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EVALUATION OF EDUCATIONAL DOM'S

Educational software has generated considerable interest. Many programs have been developed in the last 30 years ranging from PLATO, a large on-line collection of programs, to home brewed ones written by teachers, parents and even students. Some of those in this latter category have entered the public domain and have appeared on DAUG disks of the month (DOM). A list of these programs was compiled by checking the catalog listings and noting all those that seemed to have anything to do with education. This list was checked against the DOM INDEX (DOM #54 by Bruce Mansfield). Both sources netted over 70 programs from 26 disks.

The overall standard for evaluating any piece of software is "Does it do what I want it to do and in a way I want it done?". Unfortunately the usual answer to this proposition is "Maybe yes, maybe no" or "Sort of". When several programs are available it can be very difficult to decide which is the better one for your application. Therefore it is best to have some guidelines for evaluating each one so the final decision can be based on a point by point comparison. The aim of these guidelines are to get the reviewer to objectively look at the software by going back to the basics of both programming and instructional methods.

The guidelines used in the evaluation of the DOM educational programs were collected from books on educational software and actual evaluation forms. An evaluation form (see Figure 1), that was constructed to review the DOMs, contains several key guidelines and general information. It is divided into four sections as follows: In the first section, general information about the piece of software is listed. The second section asks for the kind of equipment necessary to run the program. The third section is some bookkeeping about the author and publisher.

The next section asks for the program type. This is the way the program shows its contents to the student. The various catagories are briefly described as follows:

a. Drill/Practice -strictly problems to work with no instruction
b. Tutorial -strictly instructional with a few examples and no problems
c. Demonstration -an explaination or illustration of a theory or product thru presentation of an example
d. Simulation -interactive model of educational topic
e. Problem Solving -uses general alogrithms common to one or more problems
f. Educational Game -involves random events based on subject area
g. Game -involves random events loosely based on subject area
h. Testing -tests students knowledge and scores response
i. Lab Data Analysis -collects data and calculates relationship
j. Material Generation -makes books, outlines, etc. for classroom handouts
k. Classroom Management -record keeping and lesson planning
l. Utility -any utility program

m. Word Processing -word processing
n. Authoring System -used to generate any of the above types of programs

The last section contains the Evaluation Criteria. This is where the software is actually graded. There are five categories including: 1)general program design, 2)content, 3)ease of use by both student and teacher, 4)motivation , and 5)documentation. These were developed into 14 points which are briefly described below:
1. Has a well defined educational purpose -How does the program achieve the objective?
2. Adequately explains objective -What does the program set out to do?
3. Provides adequate instructions -What do you do to use the software?
4. Uses correct grammar/spelling -Uses good English and sets a good example.
5. Is free of errors -Includes programming error, crashes,etc.
6. Contains factual material -Does 2+2=4?
7. Uses appropriate error response -Are they vicious?
8. Uses appropriate succes response -Are they patronizing?
9. Is easy to use -Does not require hours to learn how to use program.
10. Allows student to control speed -Student tells computer when to "turn the page".
11. Randomizes questions/responses -Gives a good mix.
12. Uses graphics/display well -Format is easy to read and understand.
13. Uses color effectively -Does color adds to the interest?
14. Uses sound appropriately -Includes ability to turn off sound if desired.

Each point was evaluated as the program was running. The scale ran from "4" (perfect, could not be made better) to "0" (fails to achieve or address goal). In instances where an evaluation point did not apply, it was marked as such and not included in the evaluation. An overall grade was obtained by adding up all evaluations and dividing by the number of points evaluated. Grades ranged from 3.7 to 1.6 with 2.9 as the median. Not bad for public domain programs. These results are from one teachers point of view. A more complete picture of the usefulness would come from polling the students who use them.

There is one program that stands out as particularly bad. This is "Africa Quiz" on DOM #35. Structurally it is only fair and the content is fairly good. However, the way it interacts with the student is terrible. Answers must be exact, given quickly and if wrong there is no indication as to what the right answer is. If one answer is correct the program may reply with "genius". While if the very next one is wrong the reply maybe "idiot, stupid..."(Program actual replies, not mine). To see how an educational program should not be constructed, run this one, then delete is since it is not worth keeping.

A broad range of subjects are covered in these programs: Math, Spelling, Science, Geography, Computer Programing, and even Morse Code. Most of them are contained on four DOMs (#6,22, 35,and 39). However, the rest are scattered over eight different DOMs. To make life easy, the latter programs have been collected onto one disk to be availible in May. If you have any interest in educational programs, these DOMs are a good place to start. The quality is fairly good and the price can't be beat.

John Pendery

COMPUTER SEMINARS OFFERED
BY COLLEGE OF DU PAGE

Three seminars of interest to microcomputer users have been announced by the College of DuPage.

The first, on April 15 and 16, is an Introduction to Data Communications. It is designed to teach managers and other professionals important information about computers, peripherals, and transmission links.

The second is called "Modern Modems," and includes a survey of the multitude of modems and modem-like devices available today. It will be held on May 6 and 7.

Both these seminars will be given by Andrew Surratt, president of Icarus Intl, a consulting firm in the computer field. They run from 9 am to 4:30 pm. The fee of $195 for each seminar includes refreshments and materials.

The third workshop will be held on Saturday, June 7 from 9 am to 4:30 pm. It is entitled "Fundamentals of Telecommunications Systems," and will discuss switching systems, transmission systems, and signaling techniques. The seminar will be given by Craig A Waldvogel Sr, manager, Bell Communications Research, and will cost $150, with lunch, refreshments and materials included.

For registration and further information, phone Suzanne Martin at 585-2800, extension 2181.

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Want a Free Disk of the Month?

The way to get your free disk is very simple in DAUG all you have to do is submit an article for the newsletter, which we are always looking for more material or recommend a friend for membership to the membership chairman Jim Cormack . This is simple no hard work or money expended for the disks of the month.

NETWORK MEETING ON
APRIL 12 IN PALATINE

Those members who are interested in learning more about Local Area Networks are invited to attend a meeting of the Northern Illinois Computer Society on Saturday, April 12 at Harper Community College, Bldg A, Student Lounge, Roselle and Algonquin Rds, Palatine. The meeting will run from 10 am to 2 pm, and will include presentations by Nestar Systems, Apple Computer, and Novell.

There is no charge for the meeting, which is open to all. For further information call Terry Tufts at 577-7381.

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CLUB SETS MEETINGS
FOR NEW APPLE OWNERS

Responding to requests from the membership, the Board of Directors has set up, for the next two months, a session for new owners of Apples. It is designed to be an informal gathering for people who are just getting used to their micros. There will be no formal presentation, but an experienced member will be present to answer questions from new owners.

The sessions will run from 7 to 9 on Tuesday, April 21 and Wednesday, May 28, and no reservation will be required. Just bring your questions to the Downers Grove Public Library, and come to the Conference Room on the second floor. Continuation of the series will depend on continuing demand.

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Computer Show

Computer Central Multi-Vendor Computer Show

April 27, 1986   9:30AM to 4:00 P>M>

Holiday Inn Itasca

860 Irving Park Road
Itasca, Ill

Phone 312-940-7547 for information

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Software Review

    Millionaire
Blue Chip Software
Retail price:$49.95

        Millionaire is a stock market simulator in which you
start off with ten thousand dollars and try to become a
millionaire. There are five groups with three stocks each,
for a total of 15 different stocks to choose from. As more
money is made, new commands such as call and put options,
margin stocks, and loans become available. For news, there is
a "financial journal" which displays news clips that affect
the stock market. Graphs for the market, the five groups, and
each of the individual stocks are available. The game is
divided into periods of 91 weeks. At the end of a period, all
stocks are converted into cash, options expire, and the game
is saved. Millionaire is a very realistic stock market
simulator that can provide hours of fun for about one-third of
the price of a share of IBM stock.

--Scott Swanson

  Software Review

  Exodus:Ultima III
Retail price:$59.95
Origin Systems Inc.

        Exodus:Ultima III is the third game in the Ultima
role-playing series by Lod British. It begins where Ultima II
left off, after the defeat of the enchantress Minax. Unlike
Ultima II, it is now possible to use up to four characters in
a party. Characters can be one of five races and 11 classes.
Accessable from the "surface", or the Sosarian plains and
seas, are two castles, 10 cities, seven dungeons, and a sunken
continent. Threatening the party are 12 types of monsters.
For the magic-using characters, there is an expanded list of
16 wizard and 16 cleric spells, plus two booklets explaning
the spells. For battle, there are 16 weapons and 9 suits of
armor that can be chosen from. A playbook, refrence card, and
cloth map are also included in the packaging. Also available,
at extra cost, is the book titled\Secrets of Sosaria:A Guide
to the Realm\(Origin Systems Inc., $3.95), which contains maps
for the whole game. All the books are written in a style to
set the mood of the game (especially the wizard and cleric
books). There are 26 command keys usable, plus the four
movement keys. All of this makes Exodus:Ultima III a very
enjoyable game.

--Scott Swanson

This month's special Disk arrives just in time for all you
computer hackers who turn into golf hackers the moment the
spring sun dries out the greens.

The program is called Callaway Golf Handicap, and is just the
thing for you if you're in charge of tournament or just want
to keep track of your own progress. The disk contains an
extensive Callaway Golf Handicapping program and data base and
can handle either a foursome or up to 300 participants.

Instructions are included as part of the program, and selected
portions are reprinted below.

    THE PROGRAM HANDLES THE WORKINGS OF AMATEUR GOLF TOURNAMENTS
OF UP TO 300 GOLFERS. CALLAWAY HANDICAPS, PRINTED SCORES &
SORTED RESULTS (LOW GROSS OR LOW NET) ARE ALL QUICKLY
PERFORMED.

    SINCE ALL SCORES CAN BE STORED ON DISK, A TOURNEY CAN BE
'RESURRECTED' IN CASE LIGHTNING OR GENERATOR FAILURE PRE-
MATURELY TURNS OFF YOUR COMPUTER. (THIS PROGRAM IS
'DISK-BASED' -- IF YOU WANT TO INCLUDE PLAYERS FOR THE FINAL
TALLY, BE SURE TO SAVE THEIR SCORES TO DISK. WHEN THE COMPUTER
IS TURNED BACK ON & YOU TYPE <CONTINUATION>, ALL THE SCORES
PREVIOUSLY SAVED ON DISK WILL BE ELIGIBLE FOR THE SORTED LOW
GROSS OR LOW NET FINAL RANKING.

    IF YOU FEEL THAT THIS PROGRAM IS WORTH $25, SEND A CHECK OR
MONEY ORDER TO:

THE SOFTWARE OUTLET
P.O. BOX 1077
LEMONT, PA 16851

    A DETAILED MANUAL AND HANDY FLOWCHART WILL BE SUPPLIED AS
RECEIPT OF PAYMENT.

Input: Output:
  GOLF COURSE NAME: SORTED SCORES
  DATE:
  TOURNEY NAME: <1> LOW GROSS SCORE
  MEN'S PAR   <1> LOW NET SCORE
  WOMEN'S PAR
  PAR FOR HOLE #

Figure 1

EDUCATIONAL SOFTWARE EVALUATION

Program title_____Copywrite_____Cost_____
Subject area_____Execution time_____
Grade level: K 1 2 3 4 5 6 7 8 9 10 11 12 College Teacher use

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System requirements:         |Program Source:
Computer_____Oper.Syst._____|Author/Publisher_____ __
Language_____Monitor_____|Address_____ __
DiskDrive_____Tape Player_____|City/St_____ __
Printer_____Plotter_____|Phone_____ __
Other_____ |
                                   |
```

Program Type:
a.Drill/Practice   f.Educ. Game   k.Classroom Mangmnt.
b.Tutorial   g.Game   l.Utility
c.Demonstration   h.Testing   m.Word Processing
d.Simulation   i.Lab Data Analysis   n.Authoring System
e.Problem Solving   j.Material Generatn.   o.Other_____

Instructional Group:
A.Individual   B.Small Group   C.Class

EVALUATION

Grading

	0	1	2	3	4	
	fail	poor	average	good	excellent	
Criteria						Grade

```
1.Has a well defined educational purpose.        _____
2.Adequately explains objective.                 _____
3.Provides adequate instructions.                _____
4.Uses correct grammer/spelling.                 _____
5.Is free of errors.                             _____
6.Contains factual material.                     _____
7.Uses appropriate error response.               _____
8.Uses appropriate success response.             _____
9.Is easy to use.                                _____
10.Allows student to control speed.              _____
11.Randomizes questions/responses.               _____
12.Uses graphics/display well.                   _____
13.Uses color effectively.                       _____
14.Uses sound appropriately.                     _____
```

Total _____

Date:_____

# of categories _____

Reviewer:

Overall Grade _____

_____

John Pendery

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DAUG
NEEDS
YOUR
HELP

The only way to have a good newsletter each month is to get input from members. You don't have to be a HACKER to contribute something. I really cannot write 7 pages each month without your help. Things we can use are:

*Software reviews-games, business programs, public domain,etc.
*Article or book reviews- from newspapers, magazines, books, etc.(except Nibble)
*Short programs or routines-you have written
*Programming tips & hints
*Trivia-computer facts, cartoons, questions
*Anything else of interest

Articles 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:

DON SMITH
20 S. LODGE LANE
LOMBARD, ILL 60148

The deadline for submission of these articles is the date of the board meeting (see the schedule on page 1). 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.

Please have each submission consist of the following:
 1) a printed copy of your article
 2) a diskette containing your article
  3) the word processor used to create your article
4) your name and telephone number
Your   cooperation   is   needed   and   appreciated.

HELP LINE
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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.

Apple Writer IIe: Chuck Jonah,985-5497
Applesoft: Chuck Jonah, 985-5497
Appleworks: Detlef Adolff, 766-7741
DOM Infro: Detlef Adolff, 766-7741
DOS: Chuck Jonah, 985-5497
Interface: Rufus Teesdale, 469-8836
Mach Lang: Chuck Jonah, 985-5497
Macintosh: Randy Paulin, 366-3274
Modems: Rufus Teesdale, 469-8836
Magic Window: Ed Danley, 969-4433
Supertext: Dave Dohmeier, 941-1645

Treasurers Report	March
Previous Balance	675.46
Membership	128.00
MOnthly Dom's	125.00
Auction	108.80
Total Revenue	361.80

Expenses
Refreshments	20.00
Operational Expenses	0.00
Capital Expenses	0.00
Newsletter + Stamps	118.70
Diskettes	0.00
Other Club Membership	0.00
Rent	0.00
Prize Fund	15.00
Total Expenses	153.70
Net Income	208.10
Ending Balance	883.56

John W Sandora

Educational DOM

 The DOM for March will be the Best of DAUG Educational DOMS over a dozen programs will be on this disk.

!!!!!!!!!

Wanted information from the membership on what SIG's they would like to see formed in the future. If you have a special computer interest area and would like to get together with others who have this same interest and form a SIG call either Bob Konikow or Detlef Adolff.

APPLEWORKS SIG IN PROCESS

    With the increasing number of members using Appleworks, there has been some interest in starting up a special interest group of members (ie a SIG) on this topic. Our librarian Detlef Adolff is has set up an Appleworks Sig in the Wooddale area using a room at the Wooddale Public Library (Foster & Wooddale Rd, Wooddale). Anyone interested in joining this Sig effort please contact him at the next meeting or call him.

=== D.A.U.G. Special # 14 ===

Once again we have a Special Disk for you. Special # 14 is a program called <u>Callaway Golf Handicap</u>. It's the perfect program to have if you're in charge of a golf tournament. You'll find a description elsewhere in this newsletter.

DAUG Disk of the Month # 57 - APRIL 1986

This disk of ProDOS programs and instruction files was assembled for the purpose of making it easier for you to move about in ProDOS and handle your files in an efficient manner.

To begin, the STARTUP program is a well-written Applesoft program which allows you to view the directories and subdirectories of the volumes (ie. disks and /RAM disk) available. You may want to use this STARTUP program on a number of your ProDOS disks.

The program FILE.STAMP enables an Apple user who does not have a clock card (ie. Apple //c owners and many // Plus or //e owners) to put a date/time stamp on their files. This program is designed to run a STARTUP program once it is finished; therefore, you may want to change the appropriate line of this program if you want to use it in a different manner.

In the MISC subdirectory are several programs, including two other ProDOS menu-type 'startup' programs, a sound generation program, and a program designed to output 8 bits in Applesoft. BYTE.ZAP will allow you to search the surface of a disk and modify the bytes stored there.

The lengthy file entitled 'EXEC.FILE.INFO' is a document which will tell you some of the uses and techniques for EXEC files, both in DOS 3.3 and ProDOS. You will find this file printed in the DAUG Newsletter as a continuing article throughout the next few issues.

The COPY.FILE subdirectory contains a couple of programs which assist you in the copying of files from one disk to another. One of them uses the added ProDOS command 'COPY'. Once 'COPY' is installed, you will find it to be a useful addition to the ProDOS command library. Instructions for the use of these programs is included in the file.

The subdirectory EDITOR contains a ProDOS line editor which is designed to simplify Applesoft programming under ProDOS.

DISK.ED contains a program which will enable you to search, modify (and destroy!) the contents of your ProDOS disks. Read the enclosed instructions.

LEE is a series of routines from a LOGIC member which also provide a means of time/date stamping your files.

Happy programming!

/IAC.55

NAME	TYPE	BLOCKS
#PRODOS	SYS	30
#BASIC.SYSTEM	SYS	21
MISC	DIR	1
ABOUT.IAC.55	TXT	5
UPSTART	BAS	8
#LEE	DIR	1
#EXEC.FILE.INFO	TXT	32
#EDITOR	DIR	1
STARTUP	BAS	1
DISK.ED	DIR	1
DAUG.PIC	BIN	17
COPY.FILES	DIR	1
#FILE.STAMP	BAS	1

/IAC.55/COPY.FILES

#COPIER	BAS	5
#PD.COPY	SYS	4
#COPY.ML	BIN	5
#COPIER.INFO	TXT	5
#EXEC.COPY	TXT	1
#PD.COPY.INFO	TXT	7

/IAC.55/DISK.ED

#PBE	BIN	5
#PBE.INFO	TXT	31

/IAC.55/EDITOR

#EDIT.PRO	BIN	10
#EDIT.PRO.DOC	TXT	10

/IAC.55/LEE

LEE.INFO	BAS	5
SET.DATE	BAS	3
SET.TIME	BAS	1
ID.CHECK	BAS	3
SLOT.CHECK	BAS	3

/IAC.55/MISC

#ASOFT8.OBJ	BIN	1
#STARTUP.MENU	BAS	9
#PRODOS.MENU	BAS	3
#STAR.WARS	BAS	5
#BYTE.ZAP	BAS	16

BLOCKS FREE: 21   BLOCKS USED: 259   TOTAL BLOCKS: 280

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.

C B M Computer ,St.CharlesRdandRoute83,Elmhurst(530-1125)-15%
C B M Computer , 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
Farnsworth Computer Center, 1891 N Farnsworth Av,Aurora(851-3888)--15%
Farnsworth Computer Center, 383 E North Av, Villa Park (833-7100) 15%
Primetime Computer Services,9906 Wood Lane,Palos Hills,Ill
(598-5200)-10%
Save On Software, 111 E Roosevelt Rd.,Lombard, Ill 60148 (932-9144)
--27% on software & supplies, hardware -good prices
Softwaire Center, 1163 Ogden Av, Naperville (355-7515) -- 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.