D.A.U.G.

Newsletter

DuPage Apple Users Group

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OCTOBER MEETING
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When: 7:30 PM, October 14.1986

Where: Lincoln Center
935 Maple Ave
Downers Grove, Ill

Topic: APPLE IIGS DEMO.

7:30-7:40	Opening remarks
7:40-8:15	Demo of APPLE IIGS
8:15-8:30	Break & Novice Corner
8:30-9:30	Demo of APPLE IIGS and Q & A

Other Dates to Remember

Oct 14: Regular meeting
22: Board Meeting (7PM, Downers Grove Library)
28: Appleworks Sig (7PM, Wood Dale Library)
Nov 11: Regular meeting
19: Board Meeting (7PM,Downers Grove Library)
25: Appleworks Sig (7PM, Wood Dale Library)
Dec 9: Regular meeting
17: Board Meeting '(7PM,Downers Grove Library)
30: Appleworks Sig (7PM, Wood Dale Library)

OFFICERS
=========

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Cupertino Sending IIGS and Developer to Oct Meeting

DAUG hosts Apple Traveling Road Show for
four local User Groups

Talk about an exciting month for Apple Users! On September 11
local User Group Ambassadors, including yours truly, were
invited to the official Apple IIGS introduction at the
Arlington Park Hilton.

The introduction was fabulous. It was a thrill to use the new
IIGS and to see the application programs already on the
market.

Now all club members can experience the excitement!

At the rollout, representatives from four local user groups
decided to hold a joint meeting to increase the chance of
having Apple do an introduction for our club members.

The Groups are DuPage Apple Users Group, Apple Tree, TAU
(Third Apple Users) and Aurora Area Apple Club. Since we are
centrally located, we will be hosting the meeting.

Reproduced below is a message I sent to the Apple Tree
Bulletin Board on Sept 26, after Apple confirmed that they
would send us a representative.

Hi.....After making daily calls to Cupertino for the last
week, I finally got confirmation today that October 14 will be
scheduled for the Apple Road Show's Chicago appearance!

I talked with Kathy Hoolihan yesterday, and was told that the final scheduling would not be done until Monday 9-29. However, considering that there were 4 groups involved in this meeting, someone would get back to me with a confirmation.

We are, therefore, the first officially scheduled appearance of the Road Show.

Space is tight, so get there early! We will be discarding our regularly scheduled format in order to give as much time as possible to the Apple representative!

While Cupertino could not confirm the name of the person coming out here, it will be someone who was involved in the development of the IIGS (possibly Eagle I. Berns!!).

Whoever it is will be calling me to make arrangements and to tell me what he/she will bring along. Only thing for sure on the identity is this: It ain't gonna be Woz.

So there you have it. Here's your chance to get close to the new computer and to talk with one of the people responsible for its development.

Don't   miss   the   meeting!!

Treasurers Report	Sept 86
Previous Balance	455.45
Membership	132.00
Monthly Dom's	125.00
Total Revenue	257.00
Expenses	
Operational Expenses	24.00
Capital Expenses	0.00
Newsletter + Stamps	116.82
Diskettes	82.45
Other Club Membership	0.00
Rent	0.00
Prize Fund	0.00
Total Expenses	223.27
Net Income	33.73
Ending Balance	489.18

John N Sandora

...from the Presidents corner...

Well the //x turned out to be a //GS. It has been announced, but the dealers don't even have one yet. They should be getting a demo within a month and volume delivery should begin around December 1, just in time for Christmas. If one of our supporting dealers gets a //GS, maybe we can get one at the October meeting.

Are you planning on winning the $700 hard disk drive? Are you going to make sure we get more than 100 people at the November meeting? You get free tickets just for showing up at a meeting. You get a bonus ticket for getting a new member and your new member will get a ticket. If we get 100 people at the November meeting, turn your ticket in at that meeting for a raffle ticket and YOU could be the winner at our December meeting.

Are you running a small business and would like specialized software designed just for your business? Well, you might just be in luck. We received a Business Directory from OMNIS. It is a list of software from a Building Permit Manager, Restaurant Inventory Control System to a Water and Garbage Billing system for local governments. The software was written by independent contractors and will run on //'s and Mac's with a OMNIS hard disk. Let me know if you are interested in looking at the catalog.

Thinking about a memory card? Checkmate is now offering a special to User Groups. If we get a order of 5 or more their products, we can get them at a special price. As a Very Special Offer, if you are the first to sign up from our group, you can get one of their cards for about 1/2 price ($85-$100). If you write a review for our newsletter and send them a copy, you can get an extra $25 refund. This brings the price down to $60 - $75. If you don't like the card, and you return it within 49 days, and get a full refund. Get in touch with one of the officers for more details.

We also need somebody to review a Smart Money demo program. It claims to be a money manager, net worth, finanical analysis and decision maker, along with a checkbook program. It requires 128K //e or //c. Retail price is $79.95. The demo copy is free if you promise to review it.

See you next time.

Ed Danley

Apple Adds Mail Merge to AppleWorks

Cupertino, California. September 15, 1986. Apple Computer,
Inc. today announced an enhanced version of AppleWorks, its
best-selling integrated software package for the Apple II
family of personal computers.

AppleWorks, which combines word processing, spreadsheet and
database applications, now offers a mail merge function for
producing personalized form letters. The enhanced AppleWorks
automatically loads into Apple memory expansion cards for
greater speed and convenience, handles more complex
spreadsheets and works with larger files. The new version is
compatible with the Apple IIe, Apple IIc and the new Apple
IIGS computer.

More than one half million copies of AppleWorks have been
sold since it was introduced in 1984. Its popularity derives
from its powerful applications and the ease with which
information can be moved between applications. In addition,
AppleWorks is easy to learn and use. It employs consistent
commands that are easy to remember and extensive menus and
on-line help.

New Solutions and Power

New features in AppleWorks enhance the capabilities of
individual applications, take advantage of larger memory
capacities now available on Apple II systems and extend
integration to include mail merge.

Mail merge lets users combine information from a database
file with documents created with the AppleWorks word
processor. For example, AppleWorks can automatically
generate form letters that are personalized with names,
addresses and any other identifying information contained in
a mailing list file. The user avoids the inconvenience and
expense of needing a separate mail merge package.

AppleWorks now automatically loads into Apple memory
expansion cards each time the system is turned on. This
saves steps and time for the user and enables the software to
operate faster.

The enhanced AppleWorks can take advantage of additional
memory provided by Apple memory expansion cards for a larger
desktop and increased file sizes. The desktop can range from
56 kilobytes (K) on a system with the minimum 128K of RAM up
to 1012K on a system equipped with a one-megabyte memory
expansion card. The desktop can hold up to 12 files at once
for quick access.

Maximum file sizes also increase with the addition of an
Apple memory expansion card. With a memory card, the user
can create a word processing document over 180 pages long
(7250 lines), a database of 6350 records or a spreadsheet
with 10K per row.

New spreadsheet features enable the user to perform more
complex analyses and provide additional flexibility.

-- Logical "ands" and "ors" allow compound "if statements"
in formulas for complex analysis.

-- A new rounding feature lets the user calculate on either
the visible, rounded-off number or the actual underlying
number, thereby providing extra precision.

-- The user can now cut and paste between multiple
spreadsheets more easily by choosing to simply transfer
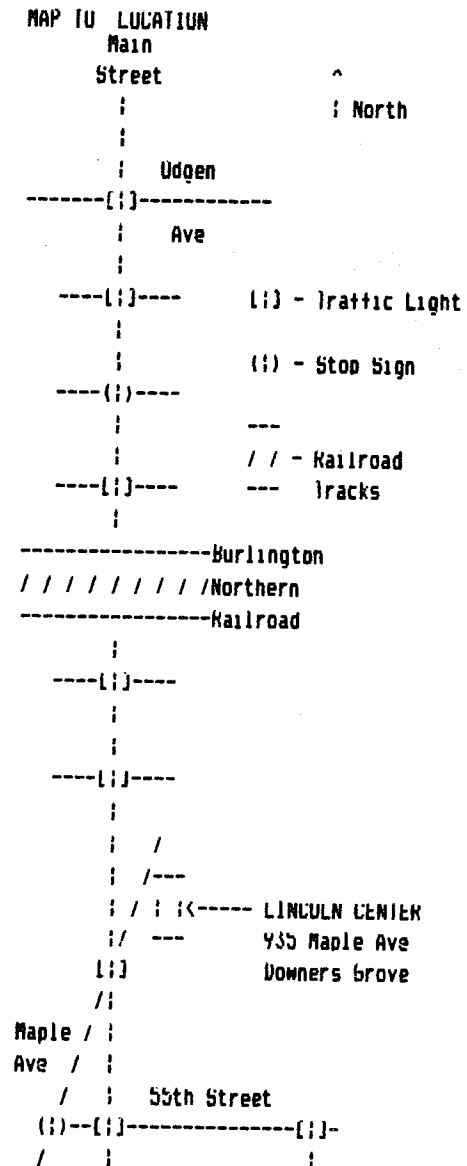values, and not formulas, attached to a cell.

New manuals and tutorials make AppleWorks easier to use for
both novice and advanced users. A new intermediate level
tutorial and a "tips" reference section for more advanced
tasks help the user go beyond the basics. Sample files are
tailored for specific environments such as school
administration, managing club projects or running a home
business.

Upgrades Available

The new AppleWorks (version 2.0) is available now and
replaces the earlier product. Current owners of AppleWorks
(versions 1.0 through 1.3) can obtain a complete new
package, including manuals and tutorial disks, by filling out
a pre-addressed mailer available from Apple dealers and
enclosing $50 (U.S.), their original diskettes and Reference
Manual cover. The upgrade offer expires April 30, 1987.

AppleWorks now requires at least 128K of RAM on the Apple IIe
and also runs on the Apple IIc and Apple IIGS. To
accommodate the two disk drive formats now available for the
Apple II line, each AppleWorks package contains both
5.25-inch and 3.5-inch disks.   The program can be used with
a single disk drive, but two drives are recommended if
5.25-inch disks are used.

Many of the desk accessories and templates designed to be
used with AppleWorks are compatible with version 2.0. Some
programs which are memory-dependent will need revisions.
Owners should contact those products' developers for
information on upgrades.

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CLUB OFFERS HELP

TO NEW OWNERS Starting at the September meeting, DAUG
offered novices an opportunity to get the answers to
questions that are baffling them by setting up a "New Owner's
Corner" which will be available before each meeting and
during the break. Here are some of the questions which were
posed last month.

Q: I have an Imagewriter color printer, but I can't get
anything but black. What do I do to get color?

A: The manual should include the codes that are needed to
shift the four-color ribbon into each of the four positions.
If it doesn't, call the manufacturer. Once you have them,
you have to insert the into your own programs or bought ones,
and the latter might be quite a chore with copy-protected
programs. Newer graphic programs, like the latest version of
Print Shop, should have control codes built in.

Q: Will ProDos run on a II+?

A: The best way to find out is to try it and see. That's
what I did -- it does. Your problem may be in memory
capacity. Older Apples may not have enough memory to handle
some of the newer programs. A few programs may use some of
the special features (like Open-Apple) that are not on the
II+.

Q: I see text files on the catalogs of some of the disks I
run, but I don't know how to read them.

A: The best way is by using the program which generated them,
and of which they are a part. However, there are some
programs designed to read text files, and you'll find some of
them on some of our DOM discs. Try "Text File Reader" on
#34, which is repeated, I think, on #44, but the latter is
not listed in the menu. You can find it by running CATALOG.
There is also one on #33, but I couldn't make it work. #13
has Apple-Writer Reader, which is limited.#ProDos text files
can be read by Free Writer on #52, and there is a file reader
on #54A.#Sometimes Random Access or Sequential Access Text
Files, as contrasted with free-running lists of words, may
give you trouble. As a last resort, you can get to read any
file, byte by byte, with Disk Utility on DOM #3.

Robert B Konikow

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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.We are
always looking for more material or recommend a friend for
membership to the membership chairman Jim Cormack .

Copywrite Problems:Prodos,Basic.System and Apple User Groups
                by: Ronald D. LaCour

As discussed at our September meeting Apple is somewhat
concerned with the legal implications possible with allowing
clubs to supply "Prodos" and "Basic.System" files on their
club disks. This practice is therefore being halted as a
direct request of Apple. In the future you will have to add
Prodos and Basic.System to your own Daug DOM or Special
Disks. Most of our members have at least one Prodos disk.
These files are included on all Prodos Disks.

The procedure can be accomplished with the "Filer" or
"CopyIIPlus" or most any Prodos copy program. You must have
your Prodos User Disk or any other prodos disk , and the Daug
DOM which you need to transfer the files to, and your
CopyIIplus disk if that is the program which you will use to
copy the two files with.

Use "Filer":
                Boot Filer and choose F for Filer
                choose F for File Commands
                choose C for Copy Files
                You must supply the from and *to path names.*
                copy /users.disk/prodos
                to /daugxxx/prodos

Repeat procedure substituting basic.system for prodos and you
are done.

Use "CopyIIplus" (easier and quicker):
                Boot CopyIIplus and select copy from
Main-Menu
                select files from Mini-Menu
                select source slot and drive (most cases
6,1) and <return>
                select target slot and drive (most cases
6,2) and <return>
                Highlight Prodos <return>
                Highlight Basic.System <return>
                Type g..the copy will run and both files
                will be on your Daug volume.

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.

Apple Introduces Apple 116S

Cupertino, California. September 15, 1986. Apple Computer,
Inc. today announced a new high-end member of its Apple II
family of personal computers.   Featuring high resolution
color graphics, high performance sound capabilities, fast
processing speeds and large memory, the computer offers
unprecedented versatility for both educational and
productivity applications.

Called the Apple 116S, the new computer combines the software
compatibility and expandability of the Apple IIe with the
graphic user interface of the Apple Macintosh. Available in
late September, the 116S will have a suggested retail price
of $999. The Apple 116S is intended to provide expanded
capabilities to users in the markets in which the current
Apple II line is highly successful--in schools and homes for
education and productivity applications.

The ability of the Apple 116S to run the Apple II family's
thousands of existing educational software packages makes it
well-suited for families with school-age children. Its
expanded memory and new software that employs a more
intuitive user interface also make the machine practical for
more sophisticated productivity applications.

The Apple 116S will not make any existing Apple computers
obsolete or replace them in major market segments. The 116S
is intended to provide new capabilities for users in many
market segments, especially those in which advanced graphics
or sound is important.

The Apple IIc is Apple's most attractively priced entry-level
machine, especially for home education use.The
open-architecture workhorse Apple IIe remains a popular
choice of schools and home users who want expandability. The
Macintosh line, with its powerful Motorola 68000
microprocessor and large library of business software, is
aimed at business markets and universities.

"We took ideas that represent the best of Apple to create a
computer ideally suited for the education and home markets,"
said Delbert W. Yocam, executive vice president and chief
operating officer of Apple. "We believe it is a
tremendous technical achievement to provide a machine with
such advanced features, while still maintaining compatibility
with a more than 90 percent of the software programs in the
huge Apple II library.

"The introduction of the Apple 116S reconfirms our dedication
to extending the life cycle of the Apple II line of products
far into the future," he said. For current Apple IIe owners,
Apple is introducing in the first quarter of 1987 the Apple
116S Upgrade, a kit that gives a IIe all the performance
capabilities of the 116S. The upgrade path protects IIe
owners' existing investments in hardware, software and
peripheral devices.

The 116S features a new Apple product color scheme, called
"platinum," which is the color of the new Apple peripherals
and will be the new standard color of all future Apple
computers.

A FEW GOODS LISTS

You may know that Apple maintains an extensive listing of
Apple II and Macintosh end users. These lists are used when
they send mailing pieces--often including promotional
offerings and other timely information to Apple owners. If you
would like to be included in this list, simply notify the
membership chairman and he will send your name to Apple

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How to get a Sider 10Meg Hard Disk for (almost) nothing!
(Part 2)

First Class Peripherals/Xebec. the manufacturers of the Sider
Hard Disks will be sending a representative to our club
meeting on November 11, to demonstrate their new products.

The company has agreed to donate a 10 Meg Sider to the DuPage
Apple Users Group. It was decided that the hard disk should go
to one lucky member for Christmas!

We will, therefore, hold a raffle at the annual Christmas
party to give away the Sider!!!

There is only one condition - we must have over 100 people
attending the November 11 meeting!

How do you get raffle tickets? BUY them or earn FREE ones!

Through November you will receive numbered tickets at each
club meeting. At the Nov 11 meeting, after it has been
determined that we have the required number of people, you can
exchange the tickets for official DAUG Raffle tickets on which
to write your name and phone number.

Here are the specifics:

Attend Oct or Dec Meeting....... 1 ticket
Attend November 11 Meeting...... 4 tickets
Bring a guest Nov 11............ 2 tickets per guest
                                 2 tickets for your guest
Sponsor a new member............ 3 tickets for you
                                 3 tickets for new member
Buy tickets: 1 Ticket - $ 1.50
              4 Tickets -   5.00
             10 Tickets - 10.00

Important: Only CLUB MEMBERS can purchase tickets!

The money raised by the raffle is needed to buy some 80 column
monitors for the club. You benefit twice - you can get a free
Hard Disk and your money is returned to you in the form of
better equipment at the meetings.

Start earning some tickets this month and plan on bringing
guests in November. Everyone has a chance at getting a free 10
Meg Sider - you, your guests, and all new members.

Of course, this is all dependent on having at least 100 people
attending the November 11 meeting. But considering that
there's a FREE HARD DISK at stake, I'm sure you can think of
some friends or relatives that would enjoy coming to the
demonstration!

by Detlef Adolff

Inside the Apple IIGS--technical specifications and design criteria.

Five design criteria were used in the development of the IIGS: enhanced graphics and sound, faster processing, and more memory while retaining software and peripherals compatibility with the Apple II family.

In standard configuration, the Apple IIGS has 256 kilobytes of random-access memory (RAM), 128 kilobytes of read-only memory (ROM) and eight expansion slots.

Built into the system are two serial ports, a jack for head-phones or external speaker, a joystick port, ports for analog red-green-blue (RGB) and composite color video monitors, new Apple Desktop Bus port for keyboard, mouse and other input devices, and a disk interface for both 5.25-inch and 3.5-inch disk drives.

Like the Macintosh, the IIGS incorporates a communications chip that supports the AppleTalk network, giving the IIGS the potential to print on a LaserWriter printer and connect with other Apple computers. Also like the Macintosh, the Apple IIGS contains in ROM the "Quick Draw" graphics routines which make possible pull-down menus, windows and icons.

Apple II Family Software Compatibility

Engineers at Apple tested a large number of the best-selling Apple II software programs and over 100 hardware devices to ensure compatibility. The Apple IIGS runs approximately 90 percent of the software and nearly all of the peripherals developed for earlier Apple II computers.

Software packages that do not function normally on the IIGS fall into two primary categories: those that do not conform to Apple programming guidelines and those that require the communications chip found on the Apple Super Serial Card. Many of these programs are being revised by developers.

Communications software which requires an Apple II Super Serial Card will not operate normally with a modem plugged into the built-in serial port. The IIGS contains a different communications chip (the same chip that is in the Macintosh) than is found on the card in order to provide AppleTalk protocols, a wider selection of bits-per-second rates and other enhancements.

Besides testing existing software and hardware, Apple placed more than 250 prototype IIGS machines with developers. More than 40 new products that take advantage of the IIGS computers' new speed, color, sound and memory features will be available during the 1986 Christmas season.

More Speed, Memory

To bring more power to those who use their personal computers heavily, Apple gave the IIGS faster processing speed and increased memory. These features allow applications to run faster and make possible a graphic user interface. The new 16-bit 65C816 microprocessor makes the IIGS run existing applications nearly three times as fast as other members of the Apple II family.

At the time of introduction, the internal memory of the IIGS is expandable from 256 kilobytes to one megabyte via an expansion card. With the eventual development of additional Apple and third-party expansion cards, the IIGS is ultimately expandable to eight megabytes of RAM.

Seven Display Modes, High-Quality Sound

The "GS" stands for graphics and sound--two of the strengths of the new machine. Two new high resolution graphics modes make possible software with a graphic interface and animation capabilities. The following graphics modes are available:

New Apple IIGS Graphics Modes

640 by 200 pixels	4-to-16 colors per scan line
palette of 4,096 colors	
320 by 200 pixels	16 colors per scan line
palette of 4,096 colors	

Existing Apple IIe and IIc Graphics Modes

560 by 192 pixels	monochrome
280 by 192 pixels	6 colors
140 by 192 pixels	16 colors
80 by 48 pixels	16 colors
40 by 48 pixels	16 colors

Besides improved graphics, sound capabilities have also been dramatically enhanced over earlier Apple II's. The IIGS has a 32-oscillator chip that can play up to 15 voices simultaneously for synthesizing both music and human speech. This is achieved through an Ensoniq sound chip with its own 64-kilobyte dedicated RAM. Ensoniq is the same chip used in professional- quality music synthesizers.

IIGS sound is of high enough quality to support software that teaches foreign languages or music composition. Combined with a word processor, the IIGS can be used to help students learn to both read and write. New applications using computer- generated sound also will benefit people with learning or sensory disabilities.

Price and Availability

The Apple IIGS will be available in limited quantities at authorized Apple dealers in the U.S. beginning Sept. 27. Besides the case containing the central processing unit, the IIGS comes with the built-in ports described previously, a detached 80-key ergonomically curved keyboard that includes an 18-key numeric keypad, and a mouse, which can be plugged into either side of the keyboard. It comes with four manuals: a set-up guide, a 200-page owner's manual, a guide to AppleSoft Basic, and a system disk manual. Also included in the package is a disk containing the ProDOS 16 operating system and utilities and a training disk that provides two hours of hands-on tutoring.

The upgrade kit that gives IIGS capabilities to an Apple IIe will be available from authorized Apple dealers.

In addition, Apple is introducing 11 international versions of the IIGS simultaneously to address the more than 80 markets in which Apple sells around the world. These systems feature local-language software, manuals and keyboards specifically designed for the French, German, Italian, Spanish, Dutch and Flemish languages.

A limited edition of the Apple IIGS signed by Apple II designer and Apple Computer, Inc. co-founder Steve Wozniak will be offered to early purchasers of the product at the regular introductory price.

Apple, the Apple logo, AppleTalk and LaserWriter are registered trademarks of Apple Computer, Inc. Apple II and Apple Desktop Bus are trademarks of Apple Computer, Inc.

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I                               I
I       Library Corner          I
I                               I
I                               I
I       by Detlef Adolff        I
I                               I
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Blank Diskettes SPECIAL

Remember that blank diskettes are available for purchase from the Librarian at club meetings. Because of an unusually advantageous purchase, the cost is only $4.69 for 10 diskettes plus tax. The diskettes come in multiples of 10 and include sleeves.

Tapes now available

On July 19 & 20,the 1st Mid-West Users Group Conference was held in Chicago. Almost 100 people from 39 different groups from as far away as Ohio and Ontario attended the Meeting. DAUG had 3 representatives at the meeting, and Al Hilliger, Club Secretary, recorded many of the meetings.

If you want to know what went on there, you can borrow individual tapes for a whole month. Tapes vary in length from 20 minutes to over 1 hour depending on the session. A list of subjects is available at the Librarian' Desk.

I highly recommend the speech by Bruce Tognazzini. Bruce was around in the garage start-up period, and has some amazing and funny anecdotes to tell. Find out what FID really stands for, how Cap'n Crunch blew the whistle and ended up in the slammer, and why Bruce had to enter a national programming competition under an assumed name.

Mac DoM's

We now have Public Domain programs available on 3.5" disks for the Macintosh. We have 4 different DoM's with about 400K of useful programs on each one. That's roughly 20 programs per disk. The DoM's are priced at $5 each.

Free DoM's

Lots of good disks are coming up - why not recruit a new member for the club and get your disk for free?!

DAUG Disk of the Month # 63 - October 1986

If you were wondering what strange and wonderful DoMs you would be able to see described here, then prepare yourself for a treat!

So far we've brought you regular DoMs....Specials....Double sided DoM's....Double sided Specials....Double Double DoMs with 4 sides of material....and last month a Double DoM that created a Triple DoM!!!

What's left?!?! Well, this month we have another novelty for you. It's a DoM that isn't there! That's right....this month's DoM won't be available until next month!

Due to the fact that Apple will be introducing the IIGS at this month's meeting, and that we will have three other User Groups visiting us at the same time, there will not be any time to demo or sell a DoM at the meeting.

Watch the November newsletter for information on the October DoM as well as the November DoM!!

P.S. For all of you diehard Print Shop Lovers, we will have a Disk full of graphics. We wouldn't want you to miss your (almost) monthly fix of goodies!

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===   DAUG Special # 20   ===
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As promised, here's another DAUG Special Disk chock full of PS graphics for you. These are assorted graphics arranged alphabetically from O through X to complement last month's Special. Altogether there are 75 new graphics that you can access from Print Shop.

Also on this disk you will find the Print Shop Slide Show program that will let you see 9 PS graphics on screen at the same time. This program displays the graphic AND its title on the screen. PS SLIDE SHOW automatically reads the disk catalog, and then displays all graphics in the order in which they appear in the catalog.

OLYMPIC SAM, OPEN BOOK, OPT.ILLUS, PATTERNLACE,PATTERNPRINT, PATTERN WEBS, PATTERN2, PS.BIG BIRD, PS.BLOUSE, PS.BRAC MAILBOX, PS.BURT, PS.CARDS, PS.CHURCH, PS.CONTEST, PS.DRAGON, PS.EAGLE, PS.ERNIE, PS.GRIFFIN, PS.KING TUT, PS.MAILBOX, PS.MUSIC, PS.OSCAR, PS.PIANO, PS.RABBIT 1, PS.RABBIT 2, PS.SCULPTURE, PS.SEW MACHINE, PS.SHUTTLE, PS.SKELETON 1, PS.SKELETON 2, PS.SNOOPY, PS.SPACESHUTTLE, QUARTERBACK, RABBIT, RADIO, SAILBOAT, SAILBOAT.1, SAILBOAT, SAILING, SAILING SHIP, SANTA, SANTA CLAUS, SANTA HELPER, SCRUBBUBBLE, SEA HORSE, SEW MACHINE, SKELETON, SM.ROCKETS, SOCCER BALL, SUNGH, STAR OF DAVID, STAR TREK, STARKID, STOP, SUNDAE, TARDIS, TEXAS, THIS MUCH, TIGER, TOTEM, TOW PLANE, TRAIN, TRAIN1, TULIP, UNICORN, UP ARROW, WALRUS, WINDMILL, WOOD STOVE, WORKER, WORLD, WREATH, XMAS MOUSE, DAUG.DOG

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 (352-4700) -- 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.
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Downers Grove IL 60515
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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.

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