

README.DOC

A Monthly Journal of the Orange Coast IBM PC User Group

\$1.50

General Meeting, August 26, 1989 at 9:00AM
Orange Coast College Science Hall
Graphics and Animation
Brightbill-Roberts' Show Partner
Autodesk's Animator
A-VIDD Electronics on Still Video

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GENERAL INFORMATION

README.DOC is published monthly by the ORANGE COAST IBM PC USER GROUP, P. O. Box 6100-211, Costa Mesa, CA 92628. The group's recorded message phone number is (714) 843-2048.

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Articles may be submitted via modem to the OCIPUG BBS, on paper or on an IBM format diskette (5-1/4" 360k format preferred). We will accept them in any of several formats, although we strongly prefer pure ASCII files. Other acceptable formats include Microsoft Word, Multimate, WordPerfect and Wordstar. Submissions on paper should be double-spaced and typed. All items submitted for publication are subject to editing.

DEADLINE

Articles and advertising must be received by the twentieth (20th) of the month prior to date of publication.

ADVERTISING

All advertisements must be camera ready and prepaid; rates and deadlines for commercial advertisements are available on request.

The User Group does not intend to endorse, rate, or otherwise officially comment on products available, and readers are cautioned to rely on the opinions presented exclusively at their own risk.

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ADVERTISING POLICY

Members are allowed to place an advertisement for personal items in the *README.DOC* newsletter at no cost. There will be a limit to the amount of advertising placed in the newsletter. All submissions will be placed on a first come, first served basis.

Commercial advertisements, from members and others, are also welcome. For information concerning advertising rates and requirements, contact:

Steven Dela (714) 775-8373 or write to Advertising Manager, OCIPUG, P. O. Box 6100-211, Costa Mesa, CA 92628.

PURPOSE STATEMENT

The purpose of the ORANGE COAST IBM PC USER GROUP is to provide a forum for members to share information and experiences that will help other members obtain maximum benefit and enjoyment from the use of their IBM PC and compatible personal computers.

TRADEMARKS

The mention of the names of various products in this publication without indication of Trademark or Registered Trade Mark status does not imply that these products are not so protected by law.

General Meeting, August 26, 1989 at 9:00AM

Orange Coast College Science Hall

Graphics and Animation

Brightbill-Roberts' Show Partner

Autodesk's Animator

A-VIDD Electronics on Still Video

VIDEO DISPLAY STANDARDS

This month we will learn a little about the past and take a glimpse into the future. Dr. John Goodman, one of OCIPUG's most valuable assets, will give us an overview of computer video display issues and answer the question, "What display do I need?" Some of the jargon our speaker will explain is: *resolution, palette, APA graphics, vector, raster, animation, NTSC, interlaced, and more.* We will hear about "standards" versus *standards*, including the latest super-VGA features.

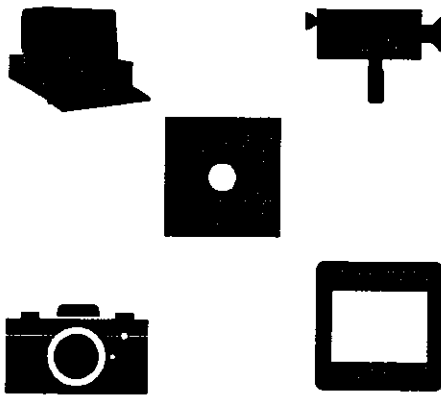
OCIPUG members attending this meeting will be well informed when they go out shopping for a color display system.

ANIMATION

Arrangements are being made to have a representative of Brightbill-Roberts, Syracuse, NY, present their SHOW PARTNER graphics animation software.

We also have a demonstration copy of Autodesk's new

ANIMATOR, which John Dvorak, in his August 1989 PC Magazine article, called "an incredible software package that will forever change the face of PC-based desktop presentations." He already picked it for "Software of the Year", and the year isn't even over yet.



STILL VIDEO

One of our charter members, Thurman Wade, is not only one of

the most senior, but also one of the most progressive computer users in OCIPUG. Not only does he own and use an IBM PS/2 Model 80, but he is probably the only member using a computer with 2-inch floppy disk technology. Wade purchased a complete Canon Still Video camera system this summer and now takes and stores 50 pictures on each floppy, displays them on his TV, and prints them out with his Canon hard copy device.

Jim Greer, Presentation Systems Specialist with A-VIDD Electronics Company in Long Beach, will use some of Wade's photos in his presentation on still video technology and its interface to computers. A-VIDD provides industrial and broadcast video equipment and services, and will be donating the use of a VGA projector at our meeting.

PS. Someday in the next century, when silver-based film photography is retired to the Smithsonian Institute, and Kodak announces its Still Video Brownie Disposable Camera, we can all say OCIPUG was there first.

Pug says,

"Please don't forget to bring your badge to all club meetings."



PRESIDENT'S MESSAGE

The first order of business this time is to welcome STEVE BURNSIDE and ROBIN CLARK to the Board of Directors and thank them for agreeing to participate in this manner. Their terms both expire in 1990 which gives them some time to get acclimated and become productive.

The second order of business is to say good-bye to a good friend. Vern Rice and his wife are moving to Riyadh, Saudi Arabia on a five year assignment. Vern started the Consultant's Forum and we thank him for that effort and the results it achieved. After a brief discussion with him the other day it turns out that we are probably cousins and didn't even know it. Our families are from Prince Edward Island in the Maritime Provinces of Canada.

The third order of business is to tell you a little about the Association of PC User Groups BBS. My bride and I travelled to one of the nicest areas in Northern California last week and visited the house that Philippe built; Borland International.

Scott's Valley is a wonderful place. My only concern was having to breath air I couldn't see and then having it get so deep in your lungs. The APCUG BBS is located at Borland. We went up there to upload a large quantity of shareware and public domain software (25 Megabytes) and to make some changes to the BBS system. In the process we managed to get the hardware bugs eliminated and make some batch files run a little better.

We spent some time with JIM MOODY and GREG JOY. Jim is the User Group Coordinator for Borland and is a pleasure to work with as well as a outstanding host. Greg spent a few moments with us between trips to Africa and Europe and made helpful

suggestions as we went along. Our thanks to both of them for their kind assistance.

We are moving toward our goal of an International BBS Teleconference on the 15th of November and have lots to do if it is to be accomplished.

I would like to share a concern that I have regarding the SIG Space. I have come to several SIG meetings and have noticed that the meeting room does not get straightened up after the meeting. I would appreciate it if each person who attends a SIG meeting would take a few moments to assist in policing up the space after the meeting. The SIG Leaders have a lot to do and anything you can do to help them would be sincerely appreciated. If everyone helps it will only take a few minutes. We have a lot to be thankful for. Let's also have something to be proud of!

I have appointed Tom Sutro to be the Chairman of the Elections Committee. He will be calling upon several of you to assist in this effort. The committee will be formulate some rules for the conduct of the annual elections and will be placing names in nomination for the various offices.

Let's keep on the membership drive as well. It ends at Midnight, September 30th and there are some great prizes to look forward to.

Speaking of prizes, how about those raffles? Over \$5,000.00 in prizes in just two months from some very kind and generous companies; Intel, Microsoft, Plus Development, Lotus Development just to name a few.

Last month we took a look at some of the progress we as an organization have made in the recent past. This month I would like to explore some ideas for the future. In the process of making these observations I would hope to provoke some thought among the members.

One of the opportunities that

the new SIG Space offers is the ability to gather at one location to conduct projects and workshops. There are a variety of projects that can be worked on during the weekend hours when no one else is using the space.

One of the projects I would like to see is a repair clinic. My idea is that we could designate one Saturday a month when people could bring their microcomputer in and have an expert take a look at it and make suggestions about how to solve problems. These could be hardware or software problems and we could have several people present with expertise in a variety of areas. It just seems to me that there must be people in our club who have specific questions that they may not be able to articulate but could show symptoms to someone with a solution. We could run diagnostics and find conflicts in configuration and do all sorts of neat things.

Another project I would like to see is an adjunct to the New User/New Member SIG. This would be a separate weekend about once every three months where brand new users could bring their microcomputers in and set them up. We could then have experienced people available to show them how to do certain things with their systems and write some batch files for use with a menu system or whatever else is needed to increase the value of the computer to it's owner.

If anyone would be interested in heading up either of these projects I would sure appreciate hearing from you. The work is not easy but that's okay because the pay is real low. By the way, neither of these ideas would cost the club a dime to operate. I would appreciate hearing some other toll free ideas from our members on how we could make better use of the SIG space.

Paul Curtis, OCIPUG President

General Meeting Report

Steven Dela

The June General Meeting was opened by President Paul Curtis at 9:00 A.M. First time attendees and eight new members were welcomed. An item of interest was the announcement of the formation of three new SIGs.

A Financial Planning SIG will be forming soon. It will cover financial topics and use planning software such as, MANAGING YOUR MONEY. The second SIG forming will be a Small Business SIG covering topics of interest to small business owners. Richard Sinor has volunteered as the coordinator and can be reached at 714-645-7608. A specialized SIG for users of Q&A will meet the last week of August. Check this month's SIG Guide for last minute details. For the latest in information, please call the OCIPUG Hotline at 714-843-2048 or the OCIPUG members bulletin board at 714-964-2034.

This month's theme was Hard Disks and Disk Management. Representing the software side of this topic was Bill Gross, the developer of Lotus's MAGELLAN program. Most of our members are familiar with file handling programs, such as PCTools, Norton Utilities, and XTree. These have made life easier with a hard disk by incorporating many DOS features under a convenient shell.

Bill Gross's objective for a similar program was to find any file on a hard disk within two seconds and view that file within a quarter of a second. With MAGELLAN, these objectives have been achieved, depending on which computer you are running on and the size of your hard disk.

Installing MAGELLAN involves the creation of a master directory

of every file on any hard disk or partition. When MAGELLAN is executed, updates to the file are made and you're ready to run. Files can be searched for by name, extension, key words, dates, or any identifier. Incremental searches can be conducted on files to find phrases or structures that are closest to the requested phrase string. Searches based on frequency are also available. Many files or portions of files may be clipped and saved to another external file. Portions from Lotus 123, dBase and WordPerfect files can be extracted and combined in this fashion.

In order to be brief in our discussion, other highlights will be



touched on lightly. This is one demonstration that had to be seen to be believed. Once you have located the desired file, you may view that file in its native format to verify that it is the correct file you are seeking. At that time you can "launch" into the actual program and perform any task. Once you have finished, exiting the application program returns you to MAGELLAN again.

For all this to happen, MAGELLAN uses view screens for each of the application programs it utilizes. During initial installation,

MAGELLAN looks at your hard disk and finds what application programs you have. View screens for most popular programs such as Lotus 123, dBase, and WordPerfect are included with the MAGELLAN program. More view screens are being added each month and are available on Compuserve in the Lotus conference area.

Our second guest was Bruce McGeough, Vice President of Development for Plus Development. Mr. McGeough was instrumental in the development of the original "Hard Card" and the new "Impulse" hard drive. The "Impulse" drive is suitable for network applications because of fast access speeds and the expandability to additional drives without difficulties. It is Novell and 3Com compatible.

A brief history of Plus Development outlined the Company's commitment to hard drive development in specialized fields, rather than the standard formats available today. Drives will continue to become smaller and faster and more rugged. During the question and answer session, several members related stories about ease of installation, compatibility, and excellent performance under poor conditions with Plus's Hard Card drives.

While most other manufacturers are abandoning this market, Plus has committed their expertise to expansion of their product line. Drives on cards have gotten bad publicity in the past because of poor design and the fact that most were ordinary hard drives mounted on a controller card. Heat build-up was a severe problem with many failures. Failure rates for Plus Development Hard Cards are very low even under these

continued next page 1st column

tion.

We thank the presenters for taking the time to come and address our members. A brief Random Access period was held before the raffle. With over \$2300 worth of prizes offered, everyone stayed to the last moment. The winners of the raffle prizes were:

Congratulations one and all. Be

Lotus MAGELLAN:

Robert Sigmon

Danny Getter

Paul Curtis

Jean Stevens

Bill McGrath

Linda Leydekkers

Fred Haney

Donald Weiner

Anita Wyrgetsch

James Petrie

**Plus Development's 40MB
Impulse Hard Drive**

George Mefferd

sure to attend next month's meeting which will be on Graphics and Animation, August 26th.

Member Spotlight

Steve Burnside

Steve Burnside, along with Robin Clark is one of our two new board members. He has been a member of OCIPUG for a year and a half. During his time with the club he has helped out by shooting pictures for the group, at both the group photo session, and at the Bill Gates speech. He currently is assisting Bill Phillips on the production of the README.DOC and has just assumed the position of Public Relations Director.

Steve is a native of St. Louis, Missouri and first came to California to attend boot camp in the U.S. Marine Corps. He decided to relocate to California after discharge and went home to St. Louis to do just that. Unfortunately ten years past before he made the move. During that time he worked for the local electric utility where he was an operator in a large powerplant control room.

A single father at the time, Steve came to California with his then 13 year old daughter Rebecca, and was employed by the City of Anaheim as an operator in the Utilities Operation Division. He has since worked for L.A. DWP and Southern California Edison, before coming full circle and returning to Anaheim as a Power and Water System Dispatcher.

He first became interested in computers while working as an electronic technician in the Marine Corps. His interest was further heightened by his operation of many types of digital and analog control systems in the power industry.

He bought his computer, an AST 286, in 1987 and since has added many enhancements, including a 150 Megabyte Micropolis Hard Drive and recently a Hewlett

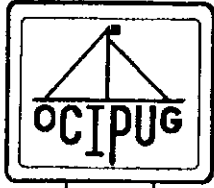
Packard Laserjet II printer. He is an advocate of Microsoft products because of their helpful user interface and uses Word, Windows, and Excel daily. He also has been a user of Pagemaker but since becoming involved with Ventura Publisher while on the newsletter he has since switched loyalties.

He is looking to upgrade soon to a 386 or possibly a 486 system by means of a motherboard swap. Steve admits to being a confirmed "techno-junkie" and confesses to buying hardware and software sometimes just because of the allure of the features, rather than the need for the product; something we all may have had occasion to do.

However, in a serious vein he believes that knowledge and use of computers is a necessity for progress in any business or profession. He has watched the introduction of the personal computer and workstation into his current field of employment as well as in his secondary profession of photography and sees the same infiltration coming about in many other fields.

And lastly, he would like to see many more young people, and especially minorities, introduced to the computing world. Steve is married and lives in Anaheim with his wife Catherine.





The Orange Coast IBM PC User Group SIG GUIDE

A Calendar of Meetings & Events edited by Richard Villa

For more information on membership, write to OCIPUG at PO Box 6100-211, Costa Mesa, CA 92628. Call Voice - 714/843-2048 or BBS - 714/843-0388

	SUN	MON	TUE	WED	THU	FRI	SAT
AUG		MS Word OCIPUG Board Meeting 6:30 PM	Real Estate 8 AM	Q & A			New Users 9 AM DOS 1 PM
	27	28	29	30	31	1	2
SEPTEMBER			Spreadsheet	Desktop Publishing	Modem		Shareware 10 AM
	3	4	5	6	7	8	9
		WordPerfect	Database		CAD/ Graphics		DataPerfect 12:30 PM
	10	11	12	13	14	15	16
			C Language BBS	Investors	Advanced Hardware Networking		
17	18	19	20	21	22	23	
		Real Estate 8 AM Personal Finance	Q & A	Hardware			9AM - OCIPUG General Meeting O.C.C. Science Hall
24	25	26	27	28	29	30	

All Special Interest Groups (SIG's) are held from 7 PM to 10 PM at our SIG SPACE, located at 17632 Metzler Lane, Suite 211, Huntington Beach unless otherwise listed.

NETWORKING**3RD THU**

SIG Leader: Jim Mansfield 714/751-2243
 SIG Leader: Andy McGill 714/731-2951

Come and learn about the fastest growing segment in business computing. Possible topic for September will be a discussion of the IBM LAN server. (CALL HOTLINE FOR LOCATION)

NEW USER/NEW MEMBER**1ST SAT**

SIG Leader: John Lunsford 714/995-0947

This is the best SIG to attend first. The meetings run on a 4-month cycle and this month is number ONE in the cycle.

PERSONAL FINANCE**4TH TUE**

SIG Leader: Max Locke 714/644-0103

NEW SIG. Topic for September will be Program loading, setting up accounts, inputting checks and reconciling accounts with *Dollars & Sense*. Please come with your questions.

Q & A**LAST WED**

SIG Leader: Tom Sutro 714/850-0474

We will discuss *Symantec's Q&A*, one of the most popular database programs available. Please come with your questions.

REAL ESTATE**LAST TUE**

Contact Person: Kent Pierce 714/536-0271
 Contact Person: Tom Sutro 714/850-0474

Jointly sponsored by OCIPUG and several local Boards of Realtors, this is one of our largest SIG's. Check the Hot Line for the topic of the month. (Coffee at 7:30 AM)

Newport Harbor - Costa Mesa Board of Realtors
 Boardatorium, 401 North Newport Blvd., Newport Beach.

SHAREWARE**2ND SAT**

SIG Leader: Bonnie Ulanovsky 714/646-5230

Various shareware programs will be demonstrated, and random access will answer your questions about which programs are best for you. President Paul Curtis will discuss hardware diagnostic and system configuration software at the September meeting. Library disks will be available for purchase from Bonnie. Member prices \$3.00 per disk. (Call Bonnie prior to meeting to order specific titles.)

SMALL BUSINESS

SIG Leader: Richard Sinar 714/645-7608

This SIG is in the process of forming. Please call SIG Leader for more information.

SPREADSHEET**1ST TUE**

SIG Leader: John Alesi 714/770-1130
 Designated Guru: Neil Carman 714/964-1901

This group covers *Lotus 123* and other popular spreadsheet programs, including shareware products, for both beginners and advanced users. At the September meeting, we will do a side-by-side comparison of *Microsoft Excel*, *Lotus 1-2-3 Releases 2.01, 2.2 and 3.0*, and *Quattro*.

WORD**4TH MON**

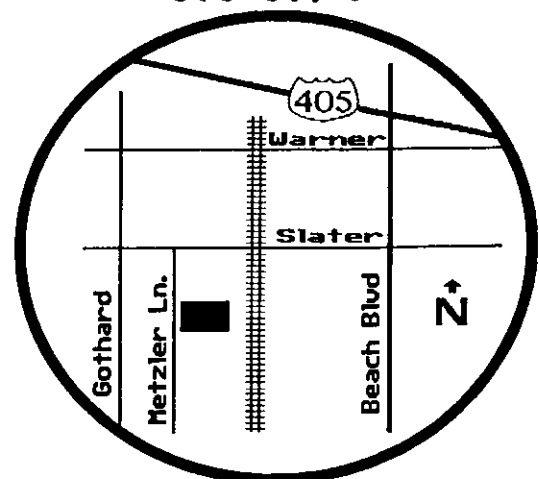
SIG Leader: Winston Jewson 714/544-4330
 Microsoft Contact: Dave Lorenzini 714/751-9262

Microsoft Word is a powerful and popular word processing package. The September meeting will be divided in three topics: **Beginners:** Creating a memo. **Intermediate:** Adding text from other documents. **Advanced:** Working with multi-column text and different display modes.

WORDPERFECT**2ND MON**

SIG Leader: Jim Pieratt 714/969-4782
 SIG Leader: Taoward Lee 714/646-5557

WordPerfect is a very popular word processing program. This SIG covers topics for both beginners and advanced users. No topic available for the September meeting.

SIG SPACE

17632 Metzler Lane, Suite 211 - Huntington Beach

ADVANCED HARDWARE 3RD THU

SIG Leader: Kim Betterley 714/535-5358

Topic for the August meeting will be continuing to work with the EXP Board, which will control up to 256 devices. This SIG is for "hands-on" electronics.

ACP Computer Center, 1310-D East Edinger, Santa Ana

BBS 3RD TUE

SIG Leader: Rich Sabin 714/968-3539

NEW SIG. At the September meeting we will set-up and organize this SIG.

Richard Sabin, 19651 Sanderson Ln., Huntington Beach

C LANGUAGE 3RD TUE

SIG Leader: Tom Anderson

No topic available for the September meeting.

CAD/GRAPHICS 2RD THU

SIG Leader: David Carroll 714/775-3130

Designated Guru: Dave Lorenzini 714/751-9262

This SIG covers hardware and software products in both computer aided design and graphics. Topic for September will be file conversion, file transfer and graphic use in applications.

DATABASE 2ND TUE

SIG Leader: Bob Schmiedeke 714/536-1178

Contact Person: Kent Pierce 714/536-0271

No topic available for the September meeting.

DATAPERFECT 3RD SAT

SIG Leader: Jim Pieratt 714/969-4782

No topic available for the September meeting.

DESKTOP PUBLISHING 1ST WED

SIG Leader: Ben LeGare 714/586-8236

Designated Guru: Richard Villa 213/439-8110

This SIG covers all desktop publishing related topics in general during the first half, and specializes in *Pagemaker* & *Ventura Publisher* and other advanced topics in the last half. The September meeting will feature the "Bill and Richard Show", with Bill Hazard of WEH Computers our local *Ventura Publisher* Expert and Richard Villa our local *PageMaker* expert going head to head to show you the features and advantages of each package.

DOS and LANGUAGES 1ST SAT

SIG Leader needed. Call David Carroll at 714/775-3130 if interested.

Designated Guru: John Goodman 714/895-3195

Come to this group to learn more about how your PC works and how to get it to do what you want. No topic available for September meeting.

HARDWARE 4TH THU

SIG Leader needed. Call David Carroll at 714/775-3130 if interested.

Designated Guru: Paul Cutris 714/774-1827

This SIG is one of the most popular, judging by the strong attendance. No topic for September available.

INVESTORS 3RD WED

SIG Leader: Gordon Savage 714/533-3986

Contact Person: Greg Cimmarrusti 714/559-8939

This group explores the world of software designed especially to help investors of stocks, bonds and commodities.

MODEM 1ST THU

SIG Leader: Rich Sabin 714/968-3539

Reach out and access the whole world of information through telecommunications. At the September meeting we will discuss host communications and learn how to communicate between two callers. We will also discuss terminal emulation programs. Come and random access with us.

Important Telephone Numbers

Public Bulletin Board (BBS)
714/843-0388

Hot-Line - For latest
information on meetings and events
714/843-2048

SIG Space Telephone Number
714/843-9248

GENERAL MEETING

August 26th 1989 - 9:00 AM

Graphics & Animation

What display do I need? - an overview of video display systems
by our own John Goodman

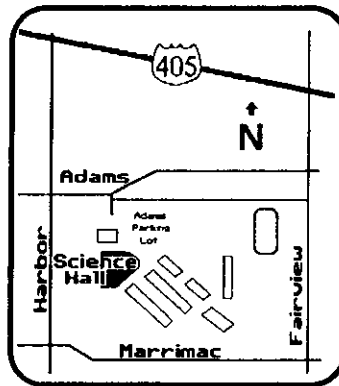
Show Partner, by Brightbill-Roberts

Digital Still Video Technology from Canon, demonstrated by our own
Thurman Wade & Jim Greer, A-VIDD Electronics Co.

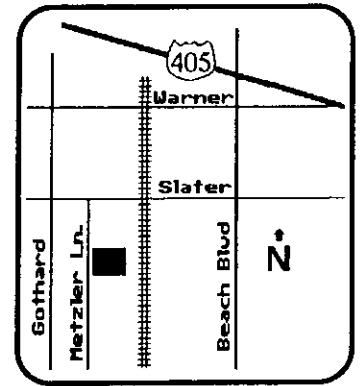
☞ Coming September 30th: OS/2 and MicroChannel

MEETING LOCATIONS

Orange Coast College
Costa Mesa
2701 Fairview Rd.
General Meeting:
Science Hall (next to
Chemistry Bldg.)
Parking in campus
lots available



SIG Space
Huntington Beach
17632 Metzler
Lane, Suite 211
SIG Meetings:
Take elevator to
2nd floor.
Parking in lot or
on street



MEMBERSHIP INFORMATION

Orange Coast IBM PC User Group (OCIPUG) was formed in 1985, and has become one of the largest and most respected User Groups in the country.

OCIPUG, a non-profit corporation, is an all-volunteer organization which provides PC enthusiasts with an opportunity to gain knowledge and gives assistance to those who need it.

Membership includes:

- ✓ subscription to README.DOC, the monthly newsletter published by OCIPUG
- ✓ discounts on Public Domain, Shareware and User Supported software
- ✓ access to the OCIPUG RBBS private telephone line
- ✓ eligibility for monthly raffle at General Meeting
- ✓ free copies of software and publications

If you would like to become an OCIPUG member please call 714/843-2048 and request an application for membership, or write: OCIPUG, PO Box 6100-211, Costa Mesa, CA 92628-6100.

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Autodesk Animator

The Power of Animation

The newest product introduced by the makers of the most popular CAD program in the world is called the Autodesk Animator. This incredible program now brings animation software to the PC.

The Autodesk Animator lets you convey your ideas with extraordinary impact. It breathes life into your presentations by adding motion to static images and creates a dramatic impact on the people you're trying to reach.

This is the first product of its kind. The Autodesk Animator choreographs brilliant color images, text, and photographs to create animated presentations that can be played on your computer or it can be output to video tape (VGA-to-NTSC).

VGA Display with 256 Colors

Best of all, the Autodesk Animator needs no special hardware. It runs on the standard IBM PC AT or PS/2 with any VGA display and it supports a mouse.

The Autodesk Animator's intuitive user interface - featuring pull-down menus, pop-up dialog areas, buttons and slide bars - makes it easy, even for beginners, to create sophisticated desktop video presentations.

Animation at a Fast Price

For a suggested retail price of just \$299, Autodesk Animator will let you create stunning presentations that will really touch your audience. And because it's from Autodesk, you can depend on the quality and support they are famous for.

"It's impossible to describe the incredible depth and capabilities of this software... It's my pick for Software of the Year..."

*-John C. Dvorak, PC Magazine
August 1989*

"Animator lets users produce moving, full-color presentations."

*- PC Week
July 10, 1989*

"Priced at \$299, Animator is a first-rate animation product..."

*-Gregory MacNicol, Computer Graphics World
July 1989*

Special Price for OCIPUG Members Only!

We offer a 20% discount to any member that orders the Autodesk Animator before it ships.

We offer a 10% discount to any member that orders the Autodesk Animator after it ships.

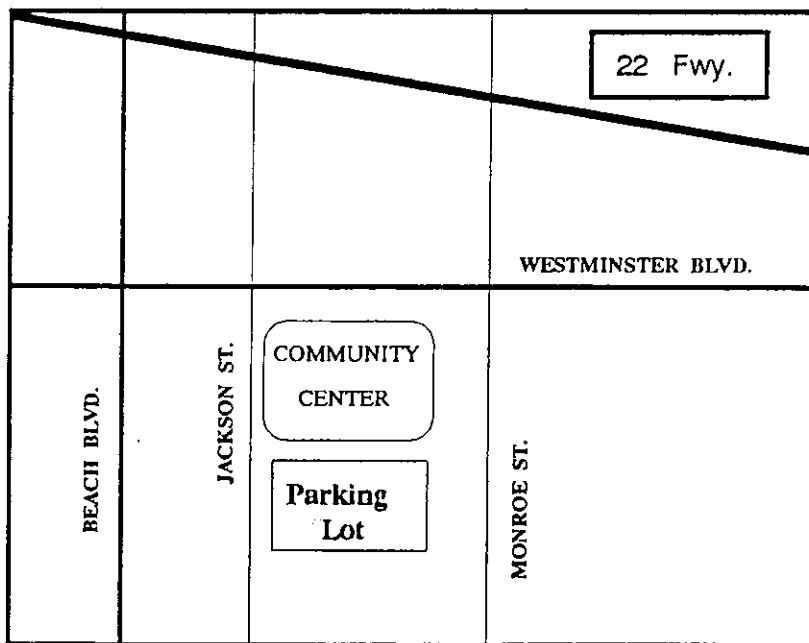
The Autodesk Animator will begin shipping at the end of September. It will take a while for the Autodesk Animator to get to your local software houses, and as we are Authorized AutoCAD Dealers we have direct contact and ensure a quick turnaround time. Demo disks can be purchased from Architectural Resources for \$5 or can be downloaded from the Autodesk Forum on CompuServe.

To place an order please contact Joe Lorenzini at Architectural Resources - 751-9262

The
South Orange County Computer Club
Presents:

THE EISA BUS ARCHITECTURE AND
THE INTEL 80486 CHIP

Bob Kutnick, Director of Strategic Projects for AST Computers will give a presentation on the new standard bus for personal computers, the EISA bus, and interfacing with the latest PC microprocessor from Intel - the 80486. Bob will talk about how the industry is developing new computers for future machines using these new standards. The SOCCC meeting will be on Thursday, Sept 21, 1989 at 7:30 PM. The club meets at the Westminster Community Center, on Westminster Ave, just east of Beach Blvd. Admission is free. The club also has a raffle drawing, disk sales, and general question and answer sessions at club meetings. For more information, call Tom Milkie at (714) 968-9917.



Gibson's Corner

EVOLVING OF LANGUAGES

Steven Gibson

Last time we saw that the design of computer languages centers around a fundamental tradeoff: Languages which can be efficiently "mapped" by their compiler or interpreter onto the true physical architectures of microprocessors generally yield higher run-time efficiencies, at the expense of being harder to use. On the other hand, higher-level languages which deliver a more idealized and easy-to-use computing model to the programmer sacrifice execution efficiency.

This basic tradeoff notwithstanding, the rapidly skyrocketing computational power of our basic personal computing platforms is fueling a strong movement toward higher-level modes of linguistic expression. The economics of our industry are placing increasing weight upon powerful functionality and the ever competitive time-to-market, and high level languages are far better at supporting the bureaucratic "by committee" style of product development which our maturing market is engendering.

In what ways have our languages been evolving? As we also saw last month, the initial incantations of higher level languages like FORTRAN, COBOL, and BASIC provided a relatively thin coating of "socialization" over the lower-level machine language. The earliest of these high-level language compilers did little more than allow the programmer to declare the layout of the project's memory usage, then generate a fixed sequence of low-level instructions for each instance of a higher-level

instruction. The point is, these languages brought very little of their own intrinsic value to the party. They modelled a better machine than the real one, but only by "macroizing" the raw low-level instructions in the creation of synthetic instructions, which were a bit cleaner and looked a lot prettier.

(If any of you are saying to yourselves right now, "Yeah Steve, but that's really not that much more than what we have today," you're cheating and jumping ahead of the story! So let's keep that thought just between us! Shhhhh...)

From the very start, computer languages have largely been about labeling things. Just as our English language is big on labeling things, in order to enable us to make reference to them in sentences, a large part of a programmer's job involves inventing (hopefully) logical names for the items of data which he and the computer need to work with. Once these data items have been invented and declared, the programmer's task is to describe what the computer should do with them.

Understandably, complex jobs require complex programs. So as the tasks which programs were being asked to perform became increasingly complex, the coordination and management of the increasingly huge chunks of code grew into a full-time job. To help ease this management burden, it became convenient to subdivide large programs into smaller "sub-programs." Since complex programs typically did many easily differentiable things, like disk input/output, screen display, mouse reading, etc., sub-programs were simply chunks of program code which handled some single aspect of the whole.

Now this was really not such a big deal, since all but the very earliest languages have sported the concept of subroutines, but a significant breakthrough in computing science occurred when these smaller sub-programs achieved some independence and privacy. By this I mean that sub-programs became empowered to create, own, and maintain data items, which were their private property, and which remained completely unseen by the rest of the system. As we will see, the simple mechanism of internal privacy has evolved into an entire computing religion of its own, and is one important aspect of the relatively new term "encapsulation."

In essence, the new found privacy given to these sub-programs allowed them to better perform whatever task they were assigned, by autonomously drawing upon the memory resources of the host computer. In a language with encapsulation, it's possible, for example, to give a sorting sub-program a list of things to sort without concern over what additional system resources the sorting sub-program might require to perform its task.

Implicit in the concept of encapsulation is another important concept known as "scope." We say that the "scope" of the data items created or used by a sub-program is "local" to that sub-program. This means that although other sub-programs might use identical labels or names to refer to their own private data items, the system understands that data items declared by a sub-program are implicitly for that sub-program's "local" and private use, and for all intents and purpose do not exist outside the "scope" or extent of that sub-program.

We'll continue this exploration next month.

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Irvine CA 92715*

Library Corner

Bonnie Ulanovsky, Club Librarian

The active and interested response shown by members to my approach in Librarian's Corner last month makes it worthwhile to repeat. For those who didn't see the library handout at the General Meeting, this is part of what it was there for you. I'll bring the same selection of disks to the upcoming meeting. Make a note of which disks you want, and feel free to call me if you want your choices to be reserved for you. Also, if you are willing to pay the shipping costs, disks can be mailed to you; just give me a call first.

MONEY WATCH, by Robert Rufus, is a very easy-to-use book-keeping and cash-forecast program with on-line help. It is designed for, and very suitable for, home or small business record keeping. The format for entering and viewing data is very similar to the usual checkbook register. Reports may be generated which show date, descriptions, and amounts, as well as categories, for tax or budgeting purposes. **PC REVIEWS** is a new shareware idea. This disk contains original reviews and evaluations written by David W. Batterson, who as a published writer and computer consultant has articles in major publications. It reviews many of the less expensive products which are often overlooked. Use the menus or **LIST.COM** to view.

dTIME_KEEPER, Version 3.0 by CISCO Software (on TWO DISKS), is a menu-driven billing manager for such service professionals as architects, attorneys, CPA's, data processing consultants, financial planning consultants, and tax specialists. The program provides Current Accounts Receivable totals, Past Due Account aging, and makes provision for adding State Sales Tax to taxable items billed to

the client. Billing may be by the minute, payment may cover multiple employees, and automatic billing is possible of standard monthly, or quarterly, retainer fees.

ASTROSOFT COMPUTERIZED EPHEMERIS, by Astrosoft (on TWO DISKS) is a general purpose astronomy software package, each of three separate parts supporting a variety of astronomy-related applications. Part I of ACE performs the most needed astronomical calculations, involving the sun, the moon, the planets, eclipses, astrophotography exposures, mean sidereal time and Julian Day, precession of coordinates, phases of the moon, equinoxes and solstices, Galilean satellites of Jupiter, a perpetual calendar, and Polaris. Part II of ACE provides orbital and physical data for all the planets and satellites of the solar system, as well as descriptive and observational data. Part III of ACE (Sky Catalog) provides data on over 2000 deep-sky objects, the entire Messier Catalog, 100 named objects, all bright stars to magnitude 2.00, and 100 prominent double stars, with detailed commentary on nearly 400 of these objects. Objects may be searched for on the basis of one criterion or by a combined criteria.

ASTRONOMY STAR CATALOG, by Michael G. Worst, saves the astronomy buff hundreds of hours of research by providing a convenient and impressive set of programs that gives a diagram of each of the eighty-eight constellations, fact and figures on our solar system, along with notes on stellar astronomy, the planets, moons, and asteroids. There is a listing of constellation names and a facility for astronomy conversions of time, distance, and temperature.

ALGEBRA I TUTOR by Profes-

sor Weissman is a interactive tutorial, with several levels of difficulty, for the elementary algebra student, or for review. Problems are randomized to make drills thought-provocative, instead of repetitious. **THE PROGRAM MUST BE RUN FROM THE DISK WITHOUT A WRITE-PROTECT TAB, AND IT REQUIRES COLOR GRAPHICS. MAKE A BACKUP BEFORE RUNNING!**

EZ-FORMS EXECUTIVE, by EZX Corporation and MaeDae Enterprises, can create on your computer tailor-made forms to suit your unique needs. Once created, these forms can be filled out and coded according to their use (billing, invoice, comments, etc). Shareware version limitations: on-line manual not available, although context-sensitive help is extensive; some printer options are also unavailable. All in all, this is a good option for producing forms.

PFROI, Version 2.4 from Techserve, Inc, permits complete portfolio management. Features include: easy data input format, computation of true return on investment (IRR method), before and after taxes, of portfolio and securities within. Program prepares capital gains, dividend, and interest reports, useful for tax preparation, and a detailed open-lot report useful for tax planning (several tax-lot assignment methods including FIFO, average cost, and specific assignment). Tax rates are user-configurable for flexibility with tax law changes, and estimated taxes can be computed for tax planning. **PFROI** supports just about every security type (stocks, bonds, mutual funds, certificates of deposit, depreciable assets, options, etc), with many transaction types, including reinvestment of dividends, interest, and capital gains. The program supports CGA, EGA, VGA, and

Hercules graphics; output is to screen, to text file, or to printer.

IDEA TREE structures your ideas into a brain-storming tree which graphically deliniates finer and finer levels of detail. You add ideas anywhere to the tree, then reorganize them later as you change your mind. Unlike "out-line" software, IDEA TREE visually separates components (or "children") from the general concept (or "parent" idea); each child can then act as a parent to children of its own, allowing for immense detail, limited only by computer memory.

BADGE-O-MAGIC, Version 1.1 by Ward Mundy, author of WAMPUM and dLITE, is a dBASE-compatible, badge/name tag generator, designed for use with an IBM PC-compatible computer and an HP LaserJet II, or 100% compatible laser. Using any dBASE III or IV data base (one is included with the software), BADGE-O-MAGIC generates one to four line badges with optional header and footer

lines. The badges can be printed, using type styles of from 20 to 40 points. Five fonts are included with the program. Each badge is 3" x 4", with six badges printed on each 8-1/2" x 11" page. BADGE-O-MAGIC also includes necessary software to download the soft fonts to your laser printer, and to print a perforation template suitable for ordering perforated name tag stock from your local printer.

CHURCH MEMBERSHIP SYSTEM, Version 5.02 from Sonshine Software, Inc, is a complete database manager, designed specifically to maintain church records. It produces reports of family names, names of individual members, and names of prospects, with anniversary and birth dates, education classes, contributions, and visitations, as well as organizing other information for the pastor or church secretary.

SUPERFUNCTION LIBRARY, (C)1989 by Garry Prefontaine, is a collection of Clipper UDFs, simple to call from your program, which

provides a high-level user interface, with minimum "setup" or "configuration."

PC MAGAZINE LABS BENCHMARKS, Release 5.0 from PC MAGAZINE, is a collection of programs to test performance and capability of your CPU, your printer, and your monitor, with additional special programs for VGA and EGA. It also provides a special WINDOWS benchmark program. Volume 8, Number 14 (August, 1989), page 145 of PC MAGAZINE discusses this disk fully.

At the August meeting we will have two new major programs which I will review in detail at a later date; both are from Buttonware. PC-TYPE II is a full-fledged, feature-packed word processor, and PC-CALC+ is an update of a professional-quality spreadsheet package. Like all Buttonware products, each is menu-driven and easy to use.

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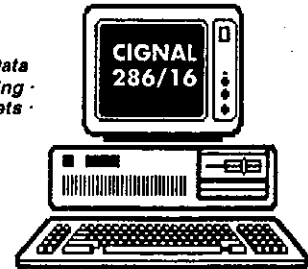
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SIG Reports

DOS SIG

The August 5th meeting of the DOS SIG was held at 1 PM at the new SIG space. Kevin Moser substituted for Dave "SIG leader needed" Carroll and Dr. John Goodman fielded questions on general DOS topics.

Dr. Goodman explained directory structures and the concepts of the "current directory" and "current drive" with an analogy using buildings and rooms in the buildings. Think of each drive as a separate building. All rooms in a building with doors opening into the main hall are directories in the "root directory." All rooms which are in other rooms are subdirectories of the particular subdirectory in which they are contained. Each building has a watchman (henchman perhaps) and Mr. DOS is in charge of all the buildings in the complex. The "current drive" is the building where Mr. DOS is now. The room in each building where each watchman is located is the "current directory" of that particular building (drive). Mr. DOS can move from building to building and can order any of his watchmen to change rooms (even when Mr. DOS is not in the building). Between Mr. DOS and his watchmen, every room in the complex can be accessed, some much quicker than others, depending on where everyone is and the arrangement of the rooms, in the rooms, in the rooms.....

A discussion of the SET, PATH and PROMPT commands led to an analysis of the lines which are or ought to be in the CONFIG.SYS and AUTOEXEC.BAT files.

Is OS2 really in everyone's future? OS2 is a single user, multitasking environment requiring an 80286 (80386 even better). Not much software written

specifically for OS2 is presently available, but that will change. Today's software can be run on an 8088 (albeit slowly) with multitaskers like Desqview. Given the machine specific nature of OS2 and the number of 80286/386 clones out there now, it seems that today's DOS software will live on for a long time. Is OS2 really in everyone's future --- hmmm.

Many people might benefit from an idea used by several members at the SIG. If you have applications which need special setup of the computer, you might want to use a "configure" directory. For each "personality" the computer must assume, place a version of CONFIG.SYS and AUTOEXEC.BAT in the "configure" directory. Give them names like AENORM.BAT and CFNORM.SYS (the normal files) and AEWIN.BAT and CFWIN.SYS (for windows). Be sure each pair of files has everything needed to properly configure memory and to load any TSR's that the "personality" needs for the specific program(s) to be used. If you are handy with batch files, write some that will do the necessary copying and warm boot the computer to get into the new "personality" automatically. Otherwise, copy the appropriate pair of files (and change their names) and CTRL-ALT-DEL to get into the new "personality". If you don't know where to copy and what to name the files, come to the next DOS SIG meeting.

New Personal Finances SIG

Max Lockie

Have you ever said, "I don't know where all my money goes?" Do you know if you are getting ahead? Is your "net worth" increasing or decreasing? Can I

afford the payments on that new turbo charged road hugger? Knowing these answers can lead to a small degree of peace of mind.

Software to give you these answers has been available for several years, and was one of the reasons touted for one to buy a PC. However, most of them were not easy to get up and running and it took time to keep them going. But now the latest revisions of the software are much easier to use as well as being more comprehensive.

On Tuesday September 26, the first meeting of the Personal Finances SIG will be held. During the first meeting, we will start at step one: loading the program. We will then move on to setting up accounts, inputting checks, and reconciling accounts. In future meetings, we will cover such subjects as, how to handle other types of activities, like credit card and night teller operations, and many of the various reports, including net worth. A future meeting will include, paying bills via an online service to a bank.

Although the program DOLLARS AND SENSE will be used initially, others will be used and compared in future meetings. Come join us and learn how to control your Personal Finances.

SPREADSHEET SIG MEETING

John Alesi

A small group of club members met for the August meeting to hear a presentation made by two representatives from Personics Corporation, demonstrating their add-in products for Lotus 1-2-3. Mark Feldman, VP-Sales, and Theresa Crowe, Marketing Specialist, talked about their product line including SeeMORE, LOOK & LINK, @BASE, and

UltraVision. SeeMORE will allow a user to view a screen with up to 180 columns, create windows (like SYMPHONY), create dynamic graphs, and control screen colors. LOOK & LINK is a product that lets you look at one file while another is on screen, link cells and ranges from several spreadsheets, as well as consolidate multiple worksheets in much the same way as Lotus 1-2-3 Rel 3.0. @BASE is designed to transform a spreadsheet database into a dBASE-compatible database, with the ability to read and write dBASE III (and III+) files from within 1-2-3. One additional add-in, UltraVision, will provide the features of SeeMORE for use with programs other than 1-2-3. An example cited was an 80 column by 60 line screen for WordPerfect users.

As a goodwill gesture, Personics Corporation will be donating a complete set of their software for our club library, as well as copies of SeeMORE and LOOK & LINK for a future raffle. They have also made available demo diskettes which will be available at the next SIG meeting. Thank you, Mark,

Theresa, and Personics Corporation for supporting OCIPUG!!! We also got a brief look at a pre-release, evaluation copy of Lotus 2.2, which includes file linking, an UNDO feature, setting sheets for global defaults and printing, enhanced graph control, and ALWAYS spreadsheet publisher. Release 2.2 will run on PC/XT's and compatibles with 640K RAM. Our September meeting will be a spreadsheet shoot-out! We'll have copies of Lotus 1-2-3, Rel 2.01, 2.2, and 3.0, MicroSoft's EXCEL, and Borland's QUATTRO, running side-by-side for comparison. Gigantic spreadsheets will be imported into all of the programs to check memory usage, recalculation speed, and graphing abilities. If you are thinking of upgrading your spreadsheet software, you won't want to miss the next meeting, September 5, 7:00pm (yes, the day after Labor Day!) FYI: Video tape demos of Lotus AGENDA and 1-2-3 Rel 3.0 will soon be at the SIG Space for check out. We also have a nearly complete collection of LOTUS Magazines, donated by member Jim Petit (Thank You,

Jim!!!) As space and facilities permit, these will also be available for members to check out. I currently have possession of these videos and magazines and would be happy to lend them out as needed. My office phone is 714-770-1130.

SHAREWARE SIG

Lia Varner

Approximately 25 people were present Saturday morning at the Shareware SIG meeting held at our new SIG SPACE, July 8, 1989.

Larry Wasserman, a programmer for 18 years with UNISYS (formerly Burroughs and Sperry Corp.), demonstrated his SUPER UTILITIES V3.0 shareware. It is a collection of five utilities that enhance DOS commands. Because of his frustration with regular DOS commands at the time he was switching from the mainframe at work to his PC at home, he decided to use programming these utilities as a vehicle to learn programming in C language. We all benefit from his efforts. Thank you, Larry.

He showed us PCALC: the calculator comes up in a window, the valid keys are highlighted. The calculations can be displayed in binary, hex or decimal. There is memory, plus, minus, clear and recall.

MOVE: This program allows you to move a file from one sub-directory, directly to another sub-directory, or from the hard disk to a floppy disk, with exhaustive error checking.

SHOW: This program is virtually a clone of Vern Bueg's LIST, which many members are already familiar with. You can list files one page at a time, one line at a time, move back home or to the end of the file. You can move to the right as far as necessary (the file he showed us was 256 characters wide). There is a help screen detailing all the commands. The pop-up window lets you select a

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file in the current directory or any sub-directory. It will show either ASCII or HEX characters. Although this is a 'display' program only, you can rewrite an identified portion to another file and you can print whatever is displayed. Your MOUSE can be used with this utility.

SCOPY: With this program you can copy anything from anywhere, to anywhere else. You can sort all files in descending order: the largest files first and the smallest at the end, for maximum use of disk space. You can copy after checking for space available on destination disk. You can overwrite a file or save by renaming it and, you can quit anytime during the copy sequence. Further, you can swap disks, or copy from one size disk to any other size disk. Several other options are also available. **SD:** scan your directory by filename or extension. Although the default listing is four columns wide, you can list from one to six columns wide, depending on your needs. Sub-directories are highlighted and extensions are color-coded. Scan all sub-directories and see the statistics and number of bytes in each file, with total number of files and bytes used, shown at the end. You can sort alphabetically or verbatim, etc. As if this wasn't enough, he also brought a couple of freebies for those of us in attendance.

FF: This program asks where a file or a list of files are on a hard disk. (It will go across multiple partitions on all non-removable disks). Or you can specify another drive. This will allow you to search archived files.

SEL: Select a file or files shown in window format with the "+" key, enter and they are deleted. After Larry's presentation, a demonstration of SHEZ followed. SHEZ is an interface for Phil Katz's PKUNZIP. It allows you to view the contents of an archive and select specific files within the archive to extract, or to view

without extracting it. You can install SHEZ to work with your text editor or word processor to edit a selected file, and when you leave the program, the edited version will automatically be archived and replace the original file.

Hardware Special Interest Group met at the OCIPUG SIG Facility at 7:00pm, July 27th, 1989. Fifteen members attended. Acting SIG Leader Paul Curtis was out of town, but arranged for a demonstration of a trouble shooting program for this meeting. Ray Norberte, Barry Gerhardt and Janine Wimberly of Touchstone Software Corporation presented their product, CHECKIT. Touchstone gave a truncated demonstration of this program at the June General Meeting.

Ray Norberte gave a general overview of what could be expected from CHECKIT. Its purpose is to identify the precise location of a fault BEFORE the case is taken off the computer. Then Barry Gerhardt loaded the program into the club computer, demonstrating and explaining in detail every

feature of this very complete, very easy to use diagnostic tool. Several attendees already owned and used the program, and had specific questions which Barry handled as the demonstration progressed. Briefly stated, CHECKIT examines each component of a PC, be it 8088 based or 80386 based, (or anything in between) displays status, exercises and checks each component (including peripherals), measures performance, identifies failures, and logs a report of its test. Ray Norberte indicated that the program was available to OCIPUG members at a discount for a limited time. Interested members should contact Janine Wimberly at Touchstone in Seal Beach at (213) 598-7746.

After the presentation members participated in a wide ranging bull session which touched on VGA cards, 286 and 386 accelerator cards, modem set-up, and the varying degrees of technical support, or lack of support, offered by different hardware manufacturers.



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Technical Corner

MORE ABOUT ARCHIVES

Harv Haight PE

Those members who heard John Goodman's discussion of archiving in the June Shareware SIG meeting profited from John's skill in making difficult concepts clear. A recent entry upon OCIPUG's RBBS (COMP8.ZIP) is even more timely (23 June 1989).

COMP8.ZIP expands to three files: COMPRESS.NW8, TABLES.NW8, and PAL2.INF. Each file is ASCII text, and can be read by the DOS command TYPE, by LIST.COM, or by most file managers such as XTREE. PAL2.INF is a friendly plug for a Shareware item.

The author of COMP8.ZIP is Bob Tolz, a 38-year old lawyer from USA northeast who originated the Shareware program PAL (the Personal Appointment Locator). He established the Association of Shareware Professionals bylaws and is now ASP's Ombudsman.

What COMPRESS.NW8 does is to report upon Bob's extremely thorough investigation of how a host of archiving programs perform, using as test items three ASCII files, three binary files, and three collections of files. He rates the archive programs on compression speed, compression ratio, and extraction speed. His report and detailed data (given in TABLES.NW8) will bore non-technical types to death, although he writes succinctly and his text is quite readable. His conclusions seem justified from his data, and are worthwhile repeating.

Bob finds that LHARC beats out all others in compression ratio, but at the cost of speed; Phil Katz's PKZIP is next in both compression ratio and speed. The RBBS

version of PKZIP is 0.92; Bob latched onto an unreleased ALPHA copy of PKZIP version 1.0, which he finds best of all.

COMPRESS.NW8 has much more, including a detailed rundown of 23 archive programs, together with information about history and authors which would be hard to find elsewhere. COMPRESS.NW8 prints out to 28 pages; hard copy would be useful for the technical file, but the expanded files take up too much room for saving on a hard disk.

Review of Micrografx Designer

David Carroll

Micrografx's DESIGNER is a vector artwork package aimed at use by the graphics artist or technical illustrator. It is similar to products like COREL DRAW, ADOBE ILLUSTRATION, and ARTS and LETTERS. List price for DESIGNER is \$695.

Micrografx DESIGNER comes with a run-time version of Microsoft WINDOWS, or can be used with WINDOWS 2.0 or later. Running under the WINDOWS environment gives the program a good degree of device independence, with additional drivers provided by DESIGNER. I used DESIGNER on a Compaq Deskpro 286, with a math co-processor, VGA display, and both extended and expanded memory.

DESIGNER ran fairly quick and was quite good for complex graphics. In DESIGNER, the screen shows the final image all of the time, unlike COREL DRAW, which uses a preview window to show the final output. The standard WINDOWS pull-down menu system appears at the top of

the screen, a tool box extends down the left side, scroll bars extend along the right side and bottom, and a status line shows at the bottom. Rulers can be to a scale of your choice; rulers, snap, and grid, can be toggled on or off. Items from the pull-down menu can be made to show in the tool box, to tailor it to your needs.

The first-time user may find the screen intimidating, with its separate icons for many similar drawing primitives (also included in the pull-down menu). These include a square, a rectangle, and a rectangle with rounded corners; there are eight ways to draw lines, curves, and arcs; and there are three types of closed circles. The primitives may make it less necessary to go through any more layers of menu.

Although working in DESIGNER was pretty straight forward, even with all its features, getting around took time. Menu items were placed differently from what might be expected. Selection windows stay open until you choose to close them. Text features were less than impressive, compared to those of COREL DRAW, but standard placement and rotation were possible. The lack of a skewing feature makes such effects as the creation of a shadow difficult.

Three features which make this package even more useful are import, export, and clip art. A very large collection of clip art is available from Micrografx, and still more is available from third parties. DESIGNER widely supports such import and export file formats as PCX and TIF bit mapped images and DXF, WMF, and CGM formats, as well as other vector formats. The bit mapped images can be used for tracing, as well as included in the final print-out. □

<p>We welcome the following New Members this month:</p>	<p><i>Bernard Brodwin Bill Bunning Doug Campbell Sharon Carlson Emanuel Cattica Larry Etelson</i></p>	<p><i>David Kahnke Linda Kao Mark Maillonx Anthony Mellini James Myers Bill Salmi</i></p>	<p><i>Jay Soto Andrea Titus Bill Ulrich John Vincent Carol Wood</i></p>			
<p>The following memberships expire in August:</p> <p><i>Cynthia Allingham Dave Armstrong Hal Balmer Margaret Barker William Barrington Amando Barrios Gordon Belt Abe Bierwirth Betty Bierwirth Oliver Black William</i></p>	<p><i>Bonnycastle Murray Boobar Clyde Botzner Bill Brewster Sharon Broderick Robert Bryan Dale Budlong Roy Burke Russell Burns Joseph Butler John Calhoun Tom Campbell T.J. Cash David Cheaney John Coffman Ron Collins Roger Conant</i></p>	<p><i>John Coyle Robert Cronk Jack De Camp Tony De Witte Robert Dickinson Marcia Drew Farrell Eagle Joe Edberg Anne Fawcett Thomas Fischer Dezso Fokos Allan Foodym John Foster Tom Fredette Judy Fricke Gary Gengler Ken Goodnight</i></p>	<p><i>Kenneth Gordon Gene Gores Fred Haney Robert Hanson Ronald Harold Roger Hartman Robert Hirsch Gary Holtz Huey Hong William Hughes John Humberstone Alan Jacobs Richard Jahnke Betty Johnson Corland Johnson Joe Judith Wendy Keough</i></p>	<p><i>Mike Larkin James Lee William Levan Max Lockie Sunny Lockie Laurine Love Charles Lovin James Lundy Ike Malik Brian McEvoy Jack Miller Ralph Minarich Mike Moon Robert Moore Mike Morrissey Larry Nelson Martin Ogle</i></p>	<p><i>Charles Pease James Piperata Warren Preston Al Rasmussen Richard Ribble Jerry Roberts Ron Rock Chuck Rumbold Walter Sawyer Harold Schaeffen Susan Schopp Myrdith Sheron Jerry St Martin Ron Staley Louis Stan William Stites Phillip Suematsu</i></p>	<p><i>Robert Sully Karen Swanson Don Taylor Christine Tilley Gayle Wayne Ed Weiner Susan Weisner Robert Williams Vernon Williams Carolee Winslow Richard Woo Tony Zannini</i></p>
<p>The following memberships expire in September:</p> <p><i>Max Adrian Louis Alaia Bruce Alvarez Bob Ashby Jerry Bell Dale Benson Annette Blais</i></p>	<p><i>Tom Brannon Joe Brasher Carl Cabaniss Diane Calicchio Tony Cassidy Jean Collins John JC Coon Linda Coutry Terry Currier Doug Dehaven Chip Dever Forrest Donkin Walt Drew Lionel Dyck</i></p>	<p><i>Lyle Frevert John Glascock David Gorham Jeannie Graham Marsha Gregory Steve Hammett Chris Hansen Frank Harris-Smith Dick Held Richard Henley Jim Hilgenberg Bob Huffstetter Richard Hunt</i></p>	<p><i>Paul Hurt Paul Johnson Ralph King Kevin Knoepp Jon Lang Larry Larsen Jean Lazar Paul Lessler Henry Levinson Paul Lindsay John Lo Peggy Macadudin Albert Mace</i></p>	<p><i>Bill Mancina George Mason Jane Mason Douglas McCracken Tim McPherson Monica Miranda Lou Munoz Richard Nelson Duane Osborn Bob Raider Kathy Rainville Daryl Reed William</i></p>	<p><i>Reinhardt Vernon Rice Jim Richardson David Ricketts Don Rose Phil Ross Patti Ruckert Ted Ryan John Sarkaria Rick Schultheis Gary Seliner Clyde Slay Rodger Slininger Diane Stelley</i></p>	<p><i>Chester Stickney Katherine Thomson Tom Toner Lenn Travis Tim McPherson Steve Welch David Wells Terri Lee Whittaker</i></p>

OCIPUG Financial Report

Jerry DeAinza, Treasurer

OCIPUG July, 1989 Changes in Cash:

		Unrestricted Funds	Tim Smith Fund
Cash balance, June 30, 1989		\$11,081.48	4,095.83
Cash receipts			
Membership dues	1818.00		
Advertising	276.50		
Interest	40.71		55.69
Contributions, Tim Smith Fund			
Library fees	175.00		
	2,310.21		
Cash disbursements			
Meeting expenses	870.00		
Printing	873.00		
Postage	185.00		
Insurance	139.00		
Telephone	460.95		
Supplies	89.03		
	2,616.98		
Cash balance, July 31, 1989		10,774.71	4,151.52

1988-89 OCIPUG Board of Directors**OFFICERS**

President	Paul Curtis	774-1827
Vice President	Tom Sutro	850-0474
Secretary	Richard Sabin	968-3539
Treasurer	Jerry De Ainza	854-9557
Past President	Stan Sabin	968-7307

DIRECTORS

Steve Burnside	1990	758-8957
David Carroll	1989	775-3130
Neil Carman	1989	964-1901
Robin Clark	1990	786-7880
Steve Dela	1989	775-8373
Dave Lorenzini	1989	751-9262
Richard Villa	1990	213-439-8110
Bonnie Ulanovsky	1990	646-5230

NEWSLETTER STAFF

Publisher	Steven Dela	775-8373
Editor	Jean Stevens	644-1017
Technical Editor	Harv Haight	546-0820
SIG Guide Editor	Richard Villa	213-439-8110

People and Numbers to Know

Programs	Dave Lorenzini	751-9262
Membership	Neil Carman	964-1901
SIG Coordinator	Dave Carroll	775-3130
Librarian	Bonnie Ulanovsky	646-5230
Bulletin Board	Richard Sabin	968-3539
Public Relations	Steve Burnside	758-8957

Remote Electronic Bulletin Boards

Orange Coast IBM-PC User Group:

Public Line (1200/2400)	843-0388
Members only (1200/2400)	962-6216
WellSpring (1200/2400/9600)	856-7996
Software Exchange (1200/2400)	552-3515
The End Of The Line (1200/2400)	645-6581
AST Research (1200/2400)	852-1872
Ninja's Palace (300/1200/2400)	557-5038

OCIPUG Information & Message Line 843-2048

Future OCIPUG General Meeting Dates 1989 - 1990

Our General Meetings are held on the last Saturday of each month except when there is a conflict with a major holiday (asterisked months in list below).

July 29	August 26	September 30
October 28	November 18 *	December 16 *
January 27	February 24	March 31
April 28	May 19*	June 30

OCIPUG Business Sponsorship Program

Advanced Computer Products
Santa Ana (714) 558-8813

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The Orange Coast IBM PC User Group thanks these companies for their sponsorship. Their support enables us to better serve our members.

If you or your company would like more information on this program please call Steven Dela at 714-775-8373.

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