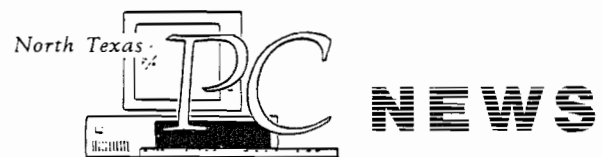


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*North Texas PC Users Group, Inc.*

*August 1993*

VOLUME 12 • NUMBER 8



# North Texas PC NEWS

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### Deadline:

All advertising and other material for publication in North Texas PC NEWS must be received by the NEWS staff by the 10th of the month prior to publication. See deadline information below.

### Circulation:

North Texas PC NEWS circulation was 2473 last month.

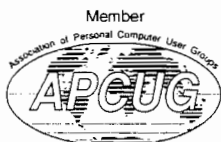
Member distribution was 2149; remaining copies were distributed to PC user groups around the country, and to advertisers, prospective members and others with common interests.

The editors of North Texas PC NEWS use Microsoft Word for Windows. This issue of North Texas PC NEWS was composed using Aldus Pagemaker. Repro was printed on a QMS 860 Print System Principal typefaces include: Caslon 540, Caslon 3, Helvetica, Palatino, Brush Script and Lithos.

**DEADLINE**  
Copy deadline for September  
North Texas PC NEWS:  
Tuesday August 10th

### Meeting Dates:

August Meeting - 3rd Saturday  
September Meeting - 3rd Saturday



## Submitting Articles for Publication in North Texas PC NEWS

1. **Article Style.** Type all copy flush left without justification. This includes headings, bylines, and the first line of each paragraph. Place a credit byline (author's name) between the title and first paragraph. Leave a blank line between paragraphs.

2. **Media.** All copy exceeding 10 lines should be submitted via the NTPCUG BBS or on floppy diskette(s) - (5.25" or 3.5" DOS formatted). If you want the disk returned please include a self-addressed return-postage-paid mailer. If you submit your article in hardcopy and expect us to transcribe it, bear in mind that we don't type so well. Most times, hardcopy-only-articles get filed in the Void.

3. **File Formats.** ASCII text files are preferred. Use .TXT extension for ASCII files. If formatting is crucial, Microsoft WORD and WordPerfect files will be accepted. Other word processor file formats may be acceptable but only if the article is accompanied by hardcopy and an ASCII file version of the article. Word processor files create a lot of extraneous work for the editors. If the article can be ASCII-fied, please do so.

3. **Submitting Articles.** You may use one of three methods.

a) **NTPCUG BBS (Preferred).** Log-on to the BBS and select (U)pload from the main menu. Your default file transfer protocol will be displayed. If you want to change your default protocol, use the (P)rofile option. Once you have set the file transfer protocol, select the (A)rticle option from the upload menu. You will be prompted for the filename to upload. Enter the filename (don't use drive or path name). The BBS will prompt you to begin the file transfer. (Refer to your communications software manual for instructions on transferring files.) After the file transfer has been completed, you will be prompted to, "press any key to continue..." You will then be prompted for a one-line description of the file. Enter the description. To exit the Article Upload Menu press ENTER until you get back to the Main Menu. (OPTIONAL - Send a BBS mail message to Douglas McQuaid regarding your submitted article.)

b) **Snail Mail (a.k.a. U.S. Postal Service).** Put the article on a floppy diskette and mail it to: 3851 Double Oak Lane, Irving, TX 75061

c) **SneakerNet.** Track down one of the editors at the monthly meeting and give them a diskette with the article on it.

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# Program for August

Timothy Carmichael

9:00 AM - 10:00 AM

## New Technologies From Adobe Adobe Systems Incorporated

*Eric Rogge, Product Marketing Manager for PostScript Fax*

*Melissa Powers, Account Manager for Adobe Photoshop for Windows*

PostScript Fax for Windows lets you fax PostScript printer-quality documents anywhere. With a PostScript Fax printer, you can fax documents as easily as you can print them. And you can be sure that they'll arrive at their destination looking as good as the original. Adobe Photoshop for Windows is a photo design and production tool which lets you create original artwork, correct and retouch color or black-and-white scanned images, and prepare high-quality color separations and output, right at your desk. It's a complete paint, professional prepress and darkroom system in one package. There will be a drawing for free software. \*

10:00 AM - 11:00 AM

## Peachtree Accounting for Windows Peachtree Software

*Karen Hanrahan, Peachtree Windows Product Manager*

Peachtree Accounting for Windows Release 2 takes full advantage of Windows graphical user interface and provides all the accounting functions needed to run your small business with ease — General Ledger, Budgeting, Accounts Receivable, Invoicing, Accounts Payable, Inventory, Job/Project Tracking, Bank Reconciliation, Payroll, Financial Report Writer, and Custom Forms Design. All of these functions are packed into this easy to use program, which also includes collection, payment, and cash managers. On-line tutorial and step-by-step checklist assist with setup, while easy to understand screens, status bar, and graphical flowchart guide you through daily tasks. There will be a drawing for free t-shirts and five copies of software. \*

11:00 AM - 11:30 AM

## NTPCUG Business Meeting

1:00 PM - 2:00 PM

## OS/2 2.1 IBM Corporation

*John Ayo, Large Account Program Manager*

OS/2 2.1 is an enhanced 32-bit operating system for IBM and IBM-compatible personal computers. It allows users to run OS/2, Windows (including Windows 3.1), and DOS applications concurrently on a single display. OS/2 2.1 includes a new 32-bit graphics engine, 256-color XGA and SVGA device drivers, and support for high-speed printers and popular CD-ROM drives. It also supports the emerging technologies of mobile computers, pen-based systems and multimedia. There will be a drawing for free software. \*

\* Tickets for each drawing will be given out from 10 minutes before until 15 minutes after the start-time of the meeting to attending NTPCUG members who show proof of membership.

*Prez Sez...*



### Kudos...

As I reviewed the content of July's *PC NEWS*, I was again reminded of *PC NEWS* Publisher, John Pribyl, and his many years of contribution to NTPCUG. As with much in life, it is easy to take people for granted, especially when their efforts occur beyond our immediate field of vision. Each month, I would read *PC NEWS*, yet not really be aware of the time John made available to get it to press. As they say, you never really appreciate people (and their deeds) 'til they are gone.

In perusing this and last month's issues of *PC NEWS*, I ask that you make note of the effort put forth by Doug

McQuaid, Reagan Andrews and Andy Oliver. These three and others have pulled together on short notice to make order out of chaos, and have done a truly admirable job of identifying the files and procedures John was so familiar with. As you enjoy this month's *PC NEWS*, please join me in thanking these folks for hastily assuming this extra responsibility. I think John would be proud of the result.

For those wishing to express their condolences to John's family, we are advised that contributions in his memory should be directed to either the Greater Tarrant County Association for Retarded Citizens, or the American Heart Association.

### What's The Weather Like This Super Saturday...

Summers are notoriously slow, and fickle. Attendance at Super Saturday meetings varies depending on vacations, holidays, and the weather. I'm told by the bean counters that if the weather on meeting day is really nice, attendance drops significantly. It has something to do with boating, golf, picnics, and even

grass mowing and car washing. Conversely, when it is real cloudy with a strong probability of rain, attendance goes way up. Hmmm, it shows here in my City Slicker's Almanac that August 21 will have heavy clouds and an 83.27 % chance of rain. GREAT!! See you at the meeting!!

### **PC Magazine Recognizes NTPCUG...**

We announced last month that the Dallas Computer Literacy Program (DCLP) and NTPCUG had won a Ziff-Davis Publishing/APCUG REACH (Recognizing Exceptional Achievement in Community Help) award. We were pleased to see our name listed in PC MAGAZINE (June 29th edition, page 32) as one of the five winners, in the category of education and training. In fact, our sister organization in San Antonio, the Alamo PC Organization (APCO), also received a REACH award (in civic and cultural affairs) for their support to the organizers of the 1993 U.S. Olympic Festival. Not surprisingly, we Texans walked away with 40% of the payoff from this nationwide competition. Not a bad effort at all!

As you may recall, several representatives of APCO visited our Super Saturday earlier this year. They are a fine bunch of folks. I'm told they enjoyed it so much (or was it the shopping?!) that they plan to return this month. If you see them walking the halls, please welcome them, and inquire about their "Food SIG."

### **And The Awards Keep Coming...**

In addition to the REACH award, we find our newsletter also warrants praise. At the July Business Meeting, Andy Oliver announced receipt of a plaque honoring Doug McQuaid and John Pribyl for their accomplishments in newsletter publishing. It reads "INTERGALACTIC 6, JUNE 1993, INFOWORLD/LOTUS NEWSLETTER CONTEST, BEST USER GROUP COVERAGE 17-32 PAGES, NORTH TEXAS PC USERS GROUP, DALLAS TEXAS, NORTH TEXAS PC NEWS." Just another reason why John Pribyl was appreciated so much, and why we're glad that Doug McQuaid continues to add his special touch to our award winning newsletter. Congratulations!

Doug has requested that the award be presented to Virginia Pribyl, John's wife, with the hope that she will display it alongside the numerous other memorabilia bestowed upon John in past years.

### **Volunteer Opportunities...**

I'm getting some names now of folks willing to assist in supporting the Personal Users (Beginners) SIG. As mentioned before, Bob Presley is departing in September as official SIG Leader, but will continue to be

available to assist when needed. Bob tells me he has most of the speakers he needs for his 16-class series, and there are several openings for support personnel. He has agreed to tutor prospective volunteers on their chosen activity, Please call Bob Presley, Alex Lilley or myself so we might explain this opportunity (no obligation, of course).

If you are a LOTUS 1-2-3 guru (or pseudo-guru!), Mark Gruner is continuing to accept applications for "Assistant SIG Leader - Spreadsheet SIG." Please contact Mark to learn more.

### **Member Assistance Program — "User-to-User" ...**

As mentioned in July's PREZ SEZ, NTPCUG is working toward implementation of a member assistance program referred to as "User-to-User." Members knowledgeable in various disciplines will assist other members in resolving problems and answering questions. Bill Drissel is serving as Project Leader, and has already identified several persons interested in participating in the program. Topics will extend well beyond those covered in SIG meetings.

More detailed information on the program appears elsewhere in this issue of *PC NEWS*. Updates will appear here on a "regular" basis, with the most current list available on the BBS. If you are willing to share your expertise, please contact Bill. Thanks, Bill, for suggesting and managing this very worthwhile effort.

### **BOD Meeting — June...**

At the June meeting of the Board of Directors, discussion centered on newsletter production in light of John Pribyl's passing. Other topics addressed included numerous changes to SIG times and leadership, the User-to-User program, *PC NEWS* advertising, and membership of 2,156 as of 6/1/93. Gratefully, the meeting ended "early" at 9:10 PM, a new record during my reign!!

### **DOS 6 T-Shirts...**

DOS 6 T-shirts were distributed at the July Super Saturday to members who failed to get one at the March 30 roll-out. The surveys completed that day will help us prevent similar wrinkles at future events. I thank you for your input.

The summer is nearing an end. I hope yours has been enjoyable.

— Doug Gorrie

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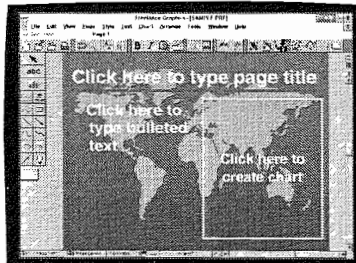
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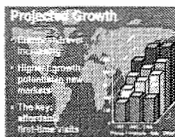
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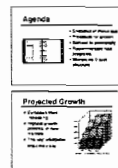


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"Ami Pro 3.0 takes the lead over Microsoft® Word as the Windows word processor to beat."

— *InfoWorld* 9/28/93

"You can learn to use Ami Pro... in about a day. Put the manual in a drawer as a first step."

— *Forbes* 2/93

"Lotus Ami Pro 3.0 offers an unbeatable combination of peerless usability, top-level features and fastest overall performance."

— *Software Digest Ratings Report*, Vol. 9, #6, 9/92

"[Ami Pro] is simply the best word processor anywhere in the universe... Note to WordPerfect users: Switch to Ami Pro and join the 21st Century."

— *Chicago Tribune* 3/26/93

"[Ami Pro] is full of clever features that make your work easier and faster."

— *Byte* 9/92

"Ami Pro is raising the bar in the Windows™ word processing sweepstakes."

— 100 Best Products of 1992, *Windows Magazine* 2/93

And to think the folks  
who said all this  
probably paid full price.

"No other package can match [Ami Pro's] ambition, its range of functions, or the sheer pleasure of using it."

— *PC Magazine* 1/12/93

"Ami Pro 3.0 is the best word processor on the market... [it] goes the competition one better in every respect."

— *PC/Computing* 12/92

We can only imagine the words they'd have for us if they knew about this deal. For a limited time, 800 Software® is offering User Group members the world's best word processor, Ami Pro 3.0®, for just 99 bucks.

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# North Texas PC Users Group, Inc.

## Membership Survey – October 1992

The North Texas PC Users Group (NTPCUG) is an independent, nonprofit organization of approximately 2100 members who regularly meet to exchange ideas and facts about IBM and compatible personal computers. Beginning in February, 1987, the NTPCUG began regular surveys of its membership. These surveys sample members' occupations, corporate and personal computer purchases, current hardware and software, expected future purchases and general user personal demographics.

The following results are based on a survey conducted at the October, 1992, meeting at Infomart. 291 valid surveys were collected during the meeting, representing a 17% sample of 1680 NTPCUG members current at the time of the October meeting. All numbers greater than 10 are rounded to the nearest whole percent.

### NTPCUG – 1992 Membership Demographics in Brief:

Based on the October, 1992, survey, the NTPCUG membership appears to be a group of people who are working in professional-level positions, and exert significant influence over corporate computer purchase decisions. Our members are evenly distributed in age, report median family income levels above \$50,000, are well-educated and invested in continuing education efforts.

NTPCUG members also appear to be invested in maintaining state-of-the-art PC's. Members reported an average of \$2,723.76 in hardware and software purchases in 1992, representing personal PC spending of \$630,000 for the sample group. Carried across all NTPCUG members this would amount to roughly \$5.8 Million.

#### NTPCUG Members' professional Roles

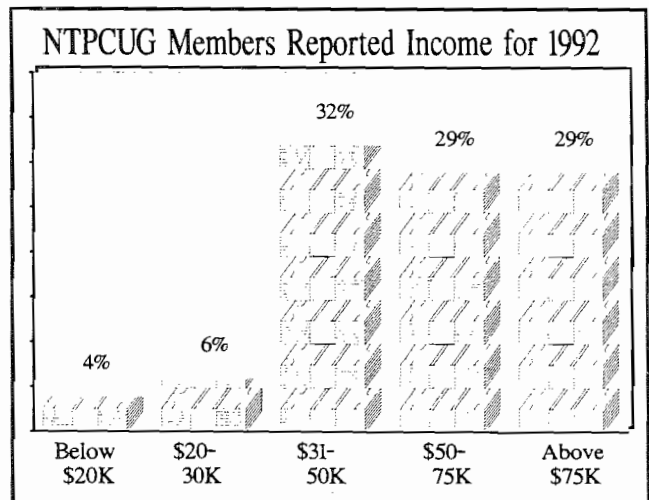
In their professional roles, NTPCUG members felt the most appropriate description of their jobs were:

A) Chairman/ President/CEO	7.4%	G) Software Engr./ Programmer	18%
B) MIS Manager	5.0%	H) Representative	0.4%
C) Engr./Hardware	4.1%	I) Educator	7%
D) Consultant	21%	J) Mgr. (Non-MIS)	8.6%
E) Systems Analyst	3.7%	K) Scientist	1.2%
F) Data Base Supervisor/Administrator	3.3%	L) Other	20%

#### Membership survey highlights

- 81% of NTPCUG members surveyed report a significant amount of their work involves them in evaluation, recommendation, design manufacture or sales of computer hardware or software:  
*46% of total sample in computer hardware*  
*62% of total sample in software*
- 60% of those members sampled who are not Computer Professionals state they are considered *PC Experts* in their area(s)
- 87% of NTPCUG members are males  
*13% of NTPCUG members are females*

- 75% of our members are married (this figure is not broken down by sex)
- 16% of our members responding to this survey bring their spouses or significant others to meetings
- 30% use their PC's more at work than at home while 43% report they work at home
- 92% report they are the primary PC user at home
- 72% of the 1992 membership sample had 4-year Bachelor degrees or higher,  
*22% of members report degrees at the Masters level,*  
*17% of the respondents hold doctoral level degrees*
- 50% report that they regularly participate in continuing education
- 79% classify themselves as skilled or expert PC users -- 32% report expert-level knowledge
- 79% have and regularly use modems with their PC's at home, 46% at work, and 36% report two or more telephone lines at their residences
- 22% report use of a FAX board in the home PC while 13% have dedicated FAX machines
- 51% have more than one PC in operation at home
- Median PC reported has a 100+ M hard disk and 4M or more DRAM installed. 30% report disks larger than 200M and 10% report 16M DRAM or more.



## NTPCUG – 1992 Membership Demographics

NTPCUG Members tend to spend a lot of time with PC's. Majority of NTPCUG members surveyed report 10 - 30 hours PC use per week. Range on this measure showed 3% of members use their PC less than 4 hours a week. 10% said they spend 30 - 40 hours per week on their PC while 6% reported 50-80 hours. No members reported more than 80 hours/week use patterns.

95% of NTPCUG members reported PC's were equipped with hard disks, 7% with 350M or larger disks.

### Home PC Purchase Patterns

Members personal home PC spending reported for the year decreased approximately 10% since 1991, but were:

**Hardware:** 227 members reported they spent an average of \$1,702 on hardware in 1992 for a total of \$386,500 in purchases.

**Software:** 238 members said they spent an average of \$1,021 on software during 1992 for a total of \$243,026.

**Total:** PC purchases averaged \$2,724 for 238 members responding to the survey. Total spent = \$629,526. If carried across all 2,100 members, that would represent about \$5,800,000 in NTPCUG members' personal purchases.

### Home PC Use Patterns

Home PC ownership has continued shifting away from the "name brands" since the last survey. Largest group of members, 74%, said their primary home computer wasn't made by IBM or Compaq. Other brands, such as Dell, CompuAdd, Northgate or Zeos were not specified in the current survey.

IBM accounted for 6.5% of the primary home machines. Of the total sample, 26% were PC's and >3% were PS/2's. (IBM PC's, PC/XT's and PC/AT's were grouped as "PC's".) Compaq accounted for only 5% of members' primary home PC's.

Broken down by CPU's, results of the survey indicate that a majority of members have either an 80386-powered PC (48%) or an 80486-powered PC (32%).

4.5% of members still have 8088 or 8086 CPU's for primary home computing. "Other" accounted for 4%. 52% of the sample reported more than one, working, home PC in this survey. and 22% reported three or more operating PC's in their homes.

**Planned Purchases:** NTPC members state they are planning to upgrade their current systems by:

A) Adding a Hard Disk to a PC	10%
B) Adding a Larger Hard Disk	37%
C) Adding a (faster) Modem	27%
D) Adding an AT or Clone	2%
E) Adding Memory (DRAM)	32%
F) Adding an Impact Printer	4%
G) Adding a Laser Printer	23%
H) Adding Accelerator Board	5%
I) Adding 386 Machine	5%
J) Add high-quality color/graphics VGA+ etc.	14%
K) Add multiple scan-rate or high res monitor	10%
L) Adding 486 Machine	30%
M) Adding a CD-ROM to PC	37%
N) Adding a FAX Board to PC	16%
O) Adding a Tape Drive Backup	20%

NTPCUG Members exert significant influence on computer-related purchasing decisions within their companies and organizations. Figures below are rounded to nearest whole percent based on survey responses.

NTPCUG Members report they recommend computer and software purchases, but have NO FINAL AUTHORITY OVER them, in the following amounts:

A) Below \$2,000.	22%
B) \$ 2 - 5K	14%
C) \$ 5 - 10K	12%
D) \$10 - 20K	14%
E) \$20 - 50K	12%
F) \$50 - 100K	12%
G) Over \$100K	15%
Other Code or No response	17%

**HARDWARE:** NTPCUG Members approve, recommend, or purchase the following computer hardware annually:

A) Mainframe/s	5%
B) Minicomputers	12%
C) Microcomputers [PC's]	60%
D) LAN's	32%
E) Laser Printers	57%
F) Impact Printers	42%
G) Monitors	61%
H) Modems	57%
I) Hard Disks	59%
J) Tape Backup	47%
K) Add-in Cards	43%
L) Video Projection Systems	14%
M) Communications Equipment	28%
Z) Other	4%

NTPCUG Members report they recommend and HAVE FINAL AUTHORITY OVER the following amounts of computer-related purchases annually:

A) Below \$2,000.	38%
B) \$ 2 - 5K	21%
C) \$ 5 - 10K	18%
D) \$ 10 - 20K	9%
E) \$20 - 50K	6%
F) \$50 - 100K	5%
G) Over \$100K	4%
Other Code or No response	14%

**SOFTWARE:** NTPCUG Members approve, recommend, or purchase the following computer software annually:

A) Accounting	29%
B) Order Entry / Inventory	16%
C) Payroll	16%
D) Time Billing	10%
E) Spreadsheets	56%
F) Word Processing	66%
G) Communications	45%
H) CAD / CAM	16%
I) Project Managers	23%
J) Database	53%
K) Programming Tools	37%
L) Graphics	41%
M) Statistics / Analysis	19%
N) Multimedia Presentation	14%
O) Electronic Mail (E-Mail)	28%





Reagan Andrews, Ph.D.

# The Variety Store

A personal view on the state of the microcomputer industry featuring new or unusual hardware, software, and applications.

## Topsy rules July as Borland, Apple, AMD, IBM, Intel, Microsoft, Lotus and Borland keep PC news mills churning

Wow! What a strange month. I keep waiting for the Summer Doldrums, and PC makers keep making new waves and cranking-out PR releases at a record rate. Prices are still falling — Chapter 11 still blooms behind the scenes — and advertising continues to be more fun than the body copy.

The last remark belongs to **Apple** and **Stac** vs. **Microsoft** — plus recently-seen Stac product boxes. Something to do with “DbfSpace Risk.” I saw this in a local PC supermarket rumored to be either on the verge of an IPO or Chapter 11. Take your pick — good rumors in both directions lately.

Apple has moved into (formerly) Hewlett-Packard’s top spot position for bad TV commercials. (Stac would probably be here — if they had the money.) *Scenes from a diner...*, paints both businessmen/women in a rather

poor light and really doesn’t do much good for the Apple product. If I were in the presentations game, I’d be really insulted by this series. It may be the basis for one of the items below...

### Cacophony Rules CCD – *Peoduct* Showcase Without a spell-checker

Thought I’d shoot myself in both feet with a single bullet in this item. The worst is **MULTIMEDIA** — which seems to mean loud, obnoxious and bad music/games to vendors at the *Peoduct* Showcase in the Infomart basement. A recent (July 10) trip downstairs during the NTPCUG meeting resulted in assault by a “Wall of Sound.” The concept worked for The Beatles in the ‘60’s, but they only did one song at a time (mostly). Saturday morning, Multimedia seemed to mean just

**LOUD** to too many of the vendors, all running different games/programs/songs.

The second half belongs to CCD. Could you-all try a spelling check before you post laser-printed flyers all over Infomart? *Peoduct*? Did you really mean *Product*? Of course, I never make a mistake ... Hmmm . At least I try not to do it in bold-face and plaster it all over Infomart. (Does 2500 copies of the *PC News* count?) Guess some propellers will be spinning furiously...

### Intel rumors flourish In July’s heat wave Heat-related blurbs

Intel’s profits keep breaking records as 486 prices seem the only really stable item in the PC world. Their win (this round) against Advanced Micro Devices (AMD)

in June didn’t hurt things a bit as media blurbs hint at multi-billion dollar awards in the face of a claimed \$1 Billion in lost business — so far.

It does raise an interesting question, though. We keep hearing/being told that Intel’s 486 prices remain high because Intel is shipping all the product it can get out the door and still can’t meet demands for the CPU chips.

Where does the \$1 Billion loss come from? If Intel is shipping all the product it can make, then it doesn’t seem reasonable to claim Intel could have sold more chips (than it could produce) if AMD (and Cyrix/TI/Thompson) were not producing chips. The alternative is even more interesting, i.e., Intel is artificially maintaining an unrealistically-high price structure by intentionally keeping production levels below demand.

I don’t subscribe to that particular conspiracy theory. I think Intel would like to sell more chips if it could ramp production levels up even higher — and would do so if it were reasonably possible at this time.

### ‘Nother neat rumor

Intel’s P-5 or 586 (still won’t use the Intel moniker) is the focus of another rumor spreading through VAR/ISV circles concerning heat, melted motherboards and continued problems with the new chip. Since everybody else seems to be having problems at the 60+ MHz level, there may be some (don’t know how much) truth behind the

## Variety

rumors. The media aren't helping much with tales of P-24 (586 upgrade path for 486 users) non-production and slower-than-anticipated performance.

That last item is a real puzzle since I'm not aware of any P-24 silicon at this date in non-Intel (i.e., media) hands. I have seen graphs in selected media to bolster these claims, though.

### Dell vs. Compaq — As Texas PC giants clash

The most fun this month may be the widening chasm between Houston and Austin.

Fun — Texas-style — Dell vs. Compaq and a seemingly-perpetual state of war between the two Texas clone makers. This one's hard to follow, and not nearly as obvious as Stac vs. Microsoft, but much more fun.

I really don't know who fired the infamous "first shot." May have been Dell. I do remember (still have one, by the way) Dell's initial salvo with a lapel button at '90 Comdex — showed Rod Canion (remember him?), the Compaq leader-in-chief at the time, behind the international symbol for "STOP." Didn't see Michael Dell's face on any similar souvenirs.

Canion's gone but the feud ain't. Actually, rumors indicate very acrimonious relations between the two Texas PC giants with tales of musical managers and technicians. The roads between Houston and Austin must be smoking with all the reported high-speed traffic. A really neat (partial) account can be found in the July 2, 1993, issue of *The Wall Street Journal*.

### Can you say "Gotcha" — In Japanese?

Meanwhile, not satisfied with ruffling staid and stuffy feathers in Houston, Dell has opened another round in the PC "Price Wars" in Japan. It might be a full frontal assault against NEC (Japan's leading PC maker/vendor), but Compaq and IBM will feel the heat as well if Dell continues slashing PC prices in Japan.

Hard to believe this all started in a University of Texas dorm room — or as sketches on a table cloth in a fast-food restaurant.

### And, finally ...

Just as this column was zooming toward the *PC News* editorial process, late-breaking financials don't look all that "rosy" for Dell. It seems they are projecting a loss for the second quarter of their fiscal year — with a quick response (approx. -18%) in Dell stock prices.

### How the mighty have Fallen — Apple may Make 486-based PC's

This may be another "gotcha." Media are reporting lots of "strange" rumors from Apple since Sculley has left. First is news that Apple is considering licensing its fabled operating system to non-Apple makers. A little late for some vendors — what ever did happen to the Franklin?

At least one Macintosh clone has been announced at the date of this column, I won't use names until the hardware is on the street and available to consumers. This is a real switch for Apple who has steadfastly maintained (shackled) absolute manufacturing rights to their PCs.

This policy was sustained even when Apple users were hurt by the policy and earned Apple a less-than-glowing reputation among early users/disciples. Part of the early Macintosh memory scandals — users voided the Macintosh warranty if they opened the original Macintosh case to upgrade with non-Apple (inexpensive) DRAM.

### Another Rainbow?

Second is even more interesting — that Apple is considering producing Macintosh machines with 486 CPU's to insure DOS compatibility. Haven't seen this tried since a glorious pair of failures in the early 1980's, one of which was from DEC. Unfortunately, there was no gold at the end of that *Rainbow*.

Third is most interesting of all — an announced 30% -33% price cut across the board on Apple products. Put together with all the above, this should make the next several months really interesting. Especially since some analysts are calling the "massive price reductions" a last-ditch stand by Apple to penetrate the corporate markets that the Cupertino firm has lusted after for the last several years.

### Lotus wins three in June

**1-2-3 (4) a winner,  
Notes — Killer Ap,  
Borland tumbles**

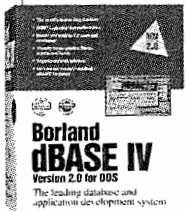
Jury has returned on *1-2-3 Release 4* and the decision is it's a new "winner" for Lotus. This must be a really pleasant sound to Cambridge ears after so much negative press on recent Lotus offerings in the Windows sphere. Put this together with the last item and even Manzi smiles and sounds excited.

# Upgrade to dBASE IV v2.0 or wrestle with FoxPro

	dBASE IV 2.0	FoxPro 2.5
<b>Faster speed</b> without rewriting dBASE applications	Yes	No
<b>No retraining</b> required to take advantage of new features	Yes	No
<b>No time wasted</b> learning nonstandard language extensions	Yes	No
<b>No recoding</b> required to use dBASE forms and reports	Yes	No
<b>No risk</b> of data corruption from incompatible file and record locking	Yes	No
<b>No 79-page "migration guide"</b> required to identify programming incompatibilities	Yes	No
<b>Dramatically improved performance</b>	Yes!	?

## "The new speed demon"

—PC Magazine, May 11, 1993



It's no contest! dBASE® users are moving to new dBASE IV® 2.0 in record numbers. Its performance is up to

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## Variety

Everybody has been waiting for the “real” new “Killer Ap” — a product for 1993 that will do what Lotus’ 1-2-3 did for DOS in 1983. The Killer Ap may belong to Lotus again. A scan of the media would indicate that *Lotus Notes* is rapidly edging toward that goal. The problem is that nobody seems to know just what *Notes* will be best at.

Every media blurb I see seems to point in a different direction. It may just be that *Notes* is that good. Whatever it is, it is definitely taking the LAN and groupware folks by the nose.

Remember the Lotus vs. Borland suit? I haven’t written much about this issue in some time since there hasn’t been much news about it — I guess. Whichever round this is/was, Lotus won and Borland lost in June. It seems to be a little like the Apple vs. Microsoft suit — by the time there’s legal resolution, nobody really cares anymore except the lawyers involved.

### “Clean-Room” 486’s ship After AMD loses to Intel . . . Again

Advanced Micro Devices (AMD) lost again and will move on to appeal. This was expected, even by AMD, most likely, and means that the AMD vs. Intel suit over the 386/486 microcode and AMD’s rights to produce the 486 with Intel microcode instructions will move to the California Court of Appeals.

Almost simultaneously, AMD announced that 486 clone chips based on AMD “Clean Room” microcode instructions are shipping and will be in full-scale production by the end of July. This should produce some really interesting results. For the same reason that the ill-fated Chips &

Technologies 386 chips caused a considerable stir in technical circles — Intel’s 486 chips are based on “old” technology — and, AMD has a chance to boost both the efficiency and speed of their 486 offerings.

AMD also has a reputation for being able to work quite well with high-speed silicon and might be able to break the vaunted 66 MHz barrier in a new 486 series. With improved efficiency and higher speed, the AMD 486 CPU’s could take some of the wind out of Intel’s 586 sails.

### Looks like — Intel wins, & Microsoft Loses FTC July round

Back to Intel — and Microsoft. Actually, you may be able to change the next-to-last line in the head before you read this.

Intel was proud recipient of the FTC’s decision to end their investigation of Intel’s marketing practices in early July. According to the *Wall Street Journal*, July 15, 1993, the FTC has decided to drop their two-year investigation of Intel’s business practices. The loser here may be Cyrix who talked gently with FTC antitrust investigators about their perception of Intel’s sales tactics.

I loved the line from a Cyrix representative quoted in the *WSJ* article, “Life goes on, you can’t sit around and whine about it,” after hearing of the FTC decision.

### Microsoft still “hung”

Microsoft, subject of a 2-2 hung FTC staff decision, still isn’t off the “danger” list. *WSJ* article by Jim Carlton does hint that Microsoft may get a reprieve as a result of the current administration’s desire not to damage one

of the few American computer industry “successes” in these perilous days for the industry.

Carlton’s story went on to quote Howard Metzenbaum (D., Ohio), Chairman of the Senate Antitrust Subcommittee, as saying that “If the FTC deadlocks again, the Microsoft case should be referred to the Justice Department.”

Makes you wonder just who Bill supported in the last election.

### Microsoft scores — too late *Word 6.0 for DOS* a real Word processing winner

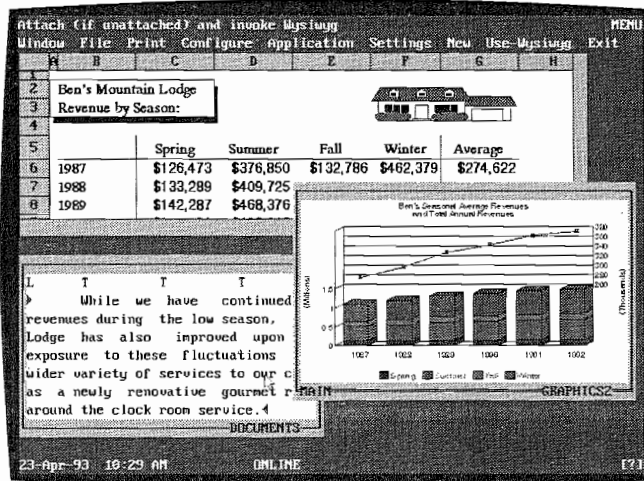
I just looked at *Word 6.0 for DOS*. It’s magnificent, but way too late to help in the DOS world word-processing competition. I haven’t had a chance to play with *WordPerfect 6.0 for DOS* — yet. I’d imagine it’s just as innovative and will have no difficulty holding on to WordPerfect Corp.’s almost absolute domination of the DOS-based word-processing market.

Big news in the new Word for DOS is the inclusion of *Word for Windows*-style table handling. Secretaries everywhere will cherish this feature although their bosses may hail inclusion of the grammar-checking capabilities more. Although Microsoft is touting the addition of TrueType capabilities in the DOS product, I don’t think this will have the impact of the new table creation facility.

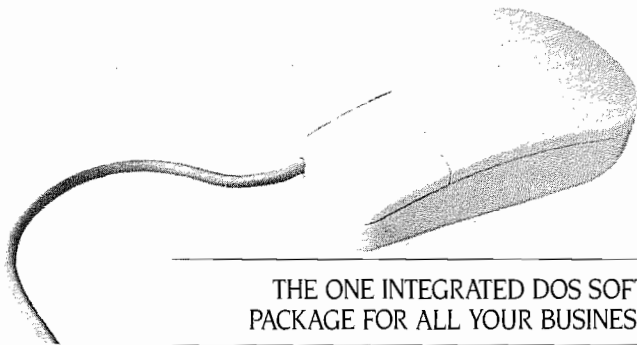
If *Word for DOS 6.0* had arrived four years ago, WordPerfect would have had some real competition. Unfortunately, the business swing is to Windows-based products and 6.0 may be too late to make a real difference.

— Reagan Andrews

# UNLIKE MOST SYMPHONIES, THIS ONE HAS TO BE SEEN TO BE APPRECIATED.

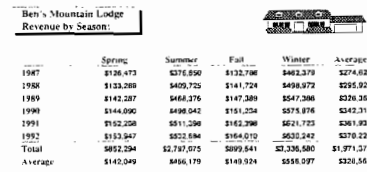


▲ Symphony windows let you perform different tasks side by side on screen in a DOS environment: just choose the size and number of windows you want to display.



▲ Symphony comes with full mouse support, so creating windows and clicking between them is a breeze.

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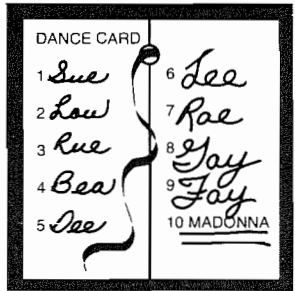
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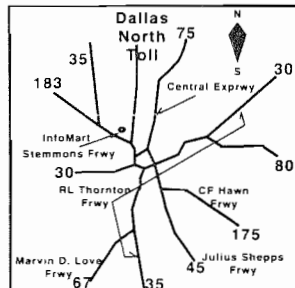
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8:00 pm to midnight

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 to the DCLP prior to August 14th or \$35 at the door.  
 All user group members \$25 per person.

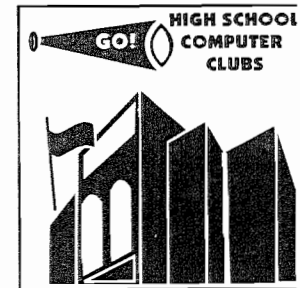
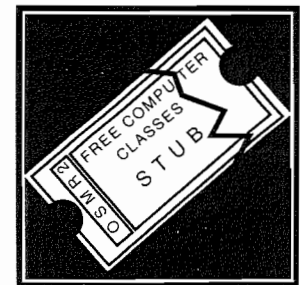
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# Selected SIG HAPPENINGS

## News and meeting notes of Special Interest Groups

*(Material for this column should be sent to Alex Lilley, SIG Coordinator, before the 10th day of each month.)*

### From the SIG Coordinator

As technology changes, so do our needs and therefore our SIGs. The following are changes/additions/needs/proposals that the NTPCUG has made to the SIG's .

#### Changes To SIG Meeting Times:

— Microsoft Networking @ 8:00 AM  
(Contact Debbie Meaney @ (214) 714-6000)  
Previously meeting at 2:00 PM  
— TI-Pro @ 12:00 until 12:55 PM  
Previously from 11:30 AM until 12:55 PM

#### New Groups Recently Formed:

— Access meeting at 1:00 PM (Contact Larry Linson @ (817) 481-2350)  
— WordPerfect for Windows @ 10:00 AM  
(Mich Milam - Leader)

#### Groups Looking for Help in Leading their SIGs:

— Spreadsheet & Spreadsheet Developers  
(contact Mark Gruner @ (214) 964-8174)  
— Personal Users (contact Alex Lilley @ (214) 517-7430, Doug Gorrie @ (214) 618-8002 or Bob Presley @ (214) 867-1679)

The requirements for forming a SIG are:

**Leadership** — at least one individual willing to lead the SIG and hopefully an assistant.  
**Membership** — at least eight individuals willing to attend the SIG fairly consistently.

If you have a group that meets these qualifications or would like help in finding others that might share your interests, please contact me at (214) 517-7430 (H) or (214) 953-4970 (W).

*Alex Lilley*

### Microsoft Access SIG

Featured at the July meeting was Part II of Jack Atkinson's presentation, based on his own experiences designing and building his first Access applications — a great

example of "learning ACCESS together" in action. Thanks, Jack, we appreciate your sharing your experience and your good work putting together an interesting program.

Another "first" for this SIG occurred at the July meeting: our first "product giveaway," a copy of the ACCESS 1.1 Update disks. Look for more "giveaways" in the future. We will try to keep things interesting in a number of ways.

Don't forget: if you have ACCESS problems or questions anytime, you can call the NTPCUG electronic Bulletin Board System (BBS) and post your query in the "Database" message conference. The SIG Leaders and other experienced users of database software keep an eye on that conference and will try to answer your questions. Phone numbers and other information about the NTPCUG BBS can be found inside the back cover of the *North Texas PC News*.

Don't even think about missing the August SIG meeting. Bring your friends who are interested in any database, not just ACCESS fans. Our guest speaker is Fred Williams, a man of many talents, member of the NTPCUG Board of Directors, and leader of the NTPCUG Paradox SIG. Fred is known and respected for his knowledge of relational database issues gained through long experience with Oracle and Paradox. He will present the first of a two-part program on "Relational Database

Design" in August. Then, of course, we'll be seeing you again in September for Part Two.

Looking ahead to the October meeting: Mike Carr, President of Salinon Corp., and a developer who uses ACCESS and Visual Basic, will be our guest speaker. Mike's topic is using Access to design and build databases for use with Visual Basic and the Access database engine. Mike "earned his stripes" in this subject area by being one of the Beta testers of Visual Basic 3.0. We are looking forward to hearing about Mike's experiences.

We're also looking forward to seeing you... join us at our next meeting... you'll be welcome.

*Larry Linson*

### ACT SIG

I have acquired WinFax Pro and am currently getting up to speed. Its most important feature is the ability to send FAXes from within the ACT for Windows program. We will be discussing this software at the next meeting. I have also acquired a demo copy of Crystal Reports and anticipate discussing this software at a future meeting.

Each meeting brings new ideas about using ACT and ways of configuring the options to improve its effectiveness as a business tool. The ACT SIG continues to solicit your input to make sure that the meetings are a productive use of your time. I will see you at the next meeting.

*Jim Thompson*

### Alpha Four SIG

Unfortunately we had some equipment problems at our July meeting and therefore were not able to provide the program as planned. We had intended to display a problem that James Francis had brought on a disk and



run through the procedure to solve the problem by using the laptop computer running Alpha Four. Which brings me to the next topic. Ron Jackson would like any of you to contact him between meetings (214-276-3661) if you have a problem or procedure that is either not clear, troublesome or not working for you at all. Then, if you like, you can bring a disk with the problem on it so that we can all see the solution at the next SIG meeting. All those attending could benefit from such a procedure.

We hope to spend some time at the August meeting talking about version 3.0. If you receive your copy of version 3.0 before the next meeting, please be prepared to tell us your experiences, likes or dislikes of this version.

Ken Brooks has a copy of the book "Expressions and Functions" (Alpha Four, of course) and he may be present and give us some insights on the book and its value.

See you in August!

## Assembler SIG

The Assembler SIG presentation for July, in addition to being a discussion on the techniques one can use to fix those nasty DOS version checks in your favorite utility, also made the point (hopefully) that a knowledge of Assembler can go a long way in helping to fix the problems that invariably pop up in almost any programming environment.

Our August meeting will discuss how to get timing data on Assembler programs as well as how to evaluate alternative coding techniques. For example, is there REALLY a difference in the

## NTPCUG Community Service SIG and DCLP Win First Annual REACH Award

The NTPCUG has won the first annual REACH (Recognizing Exceptional Achievement in Community Help) award for our support of the Dallas Computer Literacy Program, Inc. (DCLP). This is the first year of these awards and the NTPCUG has won this award in the Education and Training category.

For more than a decade the expertise of computer user groups has been an invaluable resource for schools, clinics, shelters, youth centers and other charitable organizations that make a difference in people's lives. By volunteering their talents, user group members translate the power of personal computer technology and their knowledge of that technology into tangible human, economic and social benefits.

To honor user groups that have donated their time and expertise, the Ziff-Davis Publishing Company and the Association of Personal Computer User Groups (APCUG) have founded the Computer Industry Awards Recognizing Exceptional Achievement in Community Help (REACH Awards) Program. The REACH Awards celebrate the contributions of user groups who, having harnessed the power of computer technology themselves, set out to put it to work for others, to improve the quality of lives around them.

Paying public tribute to outstanding user group community service is only one of the objectives of the REACH Awards, however. The second, equally important objective — especially in the program's inaugural year — is to serve as a catalyst to motivate other user groups to become involved in their communities. By showcasing existing programs and providing ideas to get new projects started, the REACH Awards founders hope to spur even more user groups into action.

The REACH award winners — one each from five different community service categories — receive \$15,000 grants for the continuation of their community service programs. The five community service categories are: education and training; medicine and health; environment and conservation; civic and cultural affairs; and social welfare and improvement.

The Awards were open to all user groups — independent, college or university or corporate — who have participated in community service programs for non-commercial, not-for-profit organizations.

Winners were selected by a panel of judges composed of representatives from the computer industry, representatives from APCUG and Ziff-Davis Publishing Company plus community service experts in the five categories. The panel reviewed entries and selected the winners based on the following criteria:

- Degree of involvement by the user group, including time spent on the project, number of volunteers involved, the duration of these activities and the kinds of services performed;
- The impact of the project and its benefits to recipients;
- Appropriate and creative use of computer technology;
- Willingness to share information with others interested in similar project

My thanks to the board of directors of the NTPCUG for their strong support of the Dallas Computer Literacy Program and for all the user group members who have given of their time.

*Brian J. Mickel,  
Community Services SIG*

timings of MOV AX, 0 as opposed to SUB AX, AX?. Receiving substantial attention will be the use of the ZEN timer from the book "Zen of Assembler" by Michael Abrash. Glynn Brooks has promised to have the ZEN timer material available in the Assembler SIG area of the club BBS.

Any last minute changes or notices will be posted on the club BBS. Hope to see you at the meeting.

*Frank Cavallito*





## Beginners BASIC SIG

The Beginners BASIC SIG features GW-Basic & QBasic step-by-step program writing with small sample programs. Six to eight page instruction sheet each meeting. Questions and answers on any Basic Code subject at any time. This group may rename itself the "No Windows Basic SIG" (NOW Basic for short).

To be covered in 1993: Editing techniques, ASCII table explanation, Binary/Hex/Decimal conversion, memory and disk exploration, payroll programs, general ledger programs, your own spread sheet program, inventory control, your own database program code, sort algorithm code. (Not necessarily in that order)

*Charles Jacobus*

## Beginning Visual Basic SIG

The Beginning Visual Basic SIG met on July 10 at 8:00 AM and had 65 attendees. Thanks to the NTPCUG for the computer and LCD panel that made demonstrating programming in Visual Basic a pleasure. I am certain that more folks benefited from my demonstration this morning because they could see the live action.

I demonstrated the Sketch program from Chapter 4 of John Socha's book which was a very simple application which drew a line in a window using the mouse. We demonstrated the three steps of programming in Visual Basic; namely, (1) create the interface, (2) set the properties and (3) write the code.

During the August meeting of the Beginning Visual Basic SIG, I will add a menu bar to the Sketch program and illustrate the advantages of menu bars over controls. A

review of Chapter 5 in Socha's book will prepare you for this presentation.

During the September meeting of the Beginning Visual Basic SIG I will review the controls found in the Standard Edition of Visual Basic and compare those available in Visual Basic 2.0 with those in Visual Basic 3.0.

In last month's newsletter, I asked the members of the regular Visual Basic SIG to consider volunteering to tutor beginning Visual Basic programmers. I was concerned about adequate instruction for the 80 members that attended last month's meeting. Three members who are knowledgeable Visual Basic programmers have volunteered to assist with the tutoring of beginning programmers. We will work out the details before the August meeting and announce them at that meeting. Thanks to the volunteers, for volunteerism is the essence of NTPCUG.

Speaking of the regular Visual Basic SIG, Woody Pewitt will be discussing a very important subject in his meeting that should be of interest to beginning Visual Basic programmers — naming conventions for objects and variables. These naming conventions can greatly enhance the readability of your code.... Even for you! To get an advanced feel for this topic, see Chapters 3 and 6 of the Visual Basic Programmer's Guide and plan to stay for the regular Visual Basic SIG meeting from 9:00 to 10:00 AM.

Bring your questions on Beginning Visual Basic to the SIG at 8:00 AM on August 21, 1993.

*Jim Carter*

## Visual Basic SIG

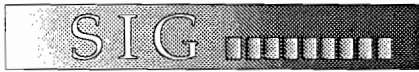
HAPPY BIRTHDAY VISUAL BASIC SIG! This month marks the first anniversary of the Visual

Basic SIG in the North Texas PC Users Group. Woody and I would like to thank the many folks in the NTPCUG for assisting in the establishment of the SIG. Two people deserve special thanks: Doug Gorrie for his proactive support in the formation of the Visual Basic SIG and constant encouragement, and Alex Lilley for his prompt and reliable support in providing the meeting rooms and devices. Now that Woody and I have added another Visual Basic SIG, Beginning Visual Basic, we hope to reach more of the NTPCUG members wanting to program in Windows.

The July meeting of the Visual Basic SIG was attended by approximately 65 members. Woody Pewitt gave overview presentations on (1) naming conventions for controls and variables, (2) code control in a multi-programmer environment, (3) user interface issues and (4) Messaging Application Programming Interface (MAPI). Woody proposes to examine these topics in depth at future meetings of the Visual Basic SIG.

Woody Pewitt has put together a Visual Basic disk that he will submit to the NTPCUG Disk of the Month (DOM) group. The disk includes samples of Visual Basic code modules, Visual Basic DLLs (with source code), Articles from the Microsoft Knowledge-Base on controls in Visual Basic and a text file that lists the bugs fixed in Visual Basic with Visual Basic 3.0. Look for it at the DOM tables downstairs.

The August meeting will focus on two main topics. First, Woody will discuss naming conventions in Visual Basic as recommended by Microsoft and naming conventions being developed amongst active programmers. If you know of any existing work in this area, bring it



to the meeting. The second topic will be code control in either the multi-programmer environment or in the multi-project environment.

Bring your Visual Basic questions to the SIG at 9:00 AM on August 21, 1993.

*Jim Carter*

## BBS SIG

The BBS SIG now meets at 1:00 PM most months. Any exceptions will be noted here. The BBS SIG is geared to the use of NTPCUG's BBS system. Anyone unfamiliar with our BBS, or wanting to know more about its use, should drop by. As always, questions regarding the BBS can be directed to the SYSOP throughout the month, or placed into the conference named "BBS Directions".

*Doug Gorrie*

## Communications SIG

For the August 21 meeting, we will do things low key. I'm attempting to get someone to do an informal presentation on the *InterNet*, but no guarantees as we go to press. If I strike out, we'll see what types of goodies I can find to pass out, and we'll do Q&A.

In the months that follow, we will try to locate an "expert" familiar with fax/modems and fax software, so stay tuned.

*Doug Gorrie & Bill Green*

## Community Service SIG

The Dallas Computer Literacy Program (DCLP), sponsored by NTPCUG, is holding their first **Computer Baron's Bash**(party) after the August 21 Super Saturday (8:00 PM). Please help out this worthy cause by either attending the party and learning more about

the DCLP and it's efforts within the inner City of Dallas and/or by making a cash donation (tax deductible) to help defray the cost of the party. For further information please see the ad in this newsletter, if you have not yet received your invitation. All funds raised by the DCLP are used in the operation of teaching both the inner city youth as well as adults, how to operate a computer. The computers in the Neighborhood Computer labs are donated by individuals and corporations interested in seeing Dallas improve its overall standard of living as well as allowing those less fortunate than the rest the opportunities that the high-tech world has to offer.

A tour of several of the DCLP computer labs is planned on August 21 at 3:00 PM. If you would like to see first hand the benefits that our volunteer efforts are producing, please join us at this time. We will meet in the lobby of the Infomart, by the NTPCUG Information booth, and briefly explain the program, prior to the tour.

*Alex Lilley*

## The C++ SIG

In July, Bill Drissel introduced us to the finer points of finite state machines. Bill demonstrated a simple FSM that he had used to control a shaft encoder, and showed us the templates he uses for generating FSM code. All of his FSMs tend to be procedural, and written in C, but he also introduced us to a finite-state-machine class, which was written by Bob Adams.

In August, I'll be talking about functions that take a variable number of arguments. We'll begin by talking about `argc/argv` type functions, and then move up to `printf` style functions that take

an arbitrary number of arguments of varying types. We'll look at ways of writing our own functions, and ways of using the standard library functions to do the work for us.

*Kent Cobb & Tom Cook*

## Desktop Publishing SIG

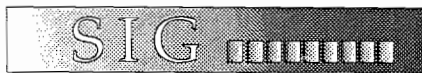
Thanks to the untiring efforts and enthusiasm of SIG Leader Frank Bede, we continue to have good attendance and high interest in Desktop Publishing. Our July meeting was the latest example: Sharon Sullivan of Aldus Corporation gave an informative and useful program, "Introducing PageMaker 5." This new release of an "old favorite" of many SIG members has added significant enhancements for the "serious" desktop publishing enthusiast.

Our guest speaker for August, Tim Weinheimer of Computer Support Corporation, will present "Arts and Letters." CSC is a local firm, but internationally known and well-respected in the field of graphics and publishing software. Arts and Letters is a leading graphics package, very highly regarded in the DTP field. We are looking forward to Tim's presentation.

Don't forget: post your problems, queries, answers, and gossip in the "Desktop Publishing" message conference on the North Texas PC User Group (electronic) Bulletin Board System. It's a valuable resource and we should take advantage of it.

Look for more exciting programs in the Fall. Frank is working hard to find the most interesting and informative speakers in (and out of) this area.

*Larry Linson*



## DOS SIG

Talk about strange power — asking Microsoft to leave so we could have the DOS SIG meeting in July. I don't think this will be the case in August when Jim Hoisington and Reagan Andrews will continue looking at DOS 6.0 files and their uses.

There's still a lot to learn about the newest version of DOS and there will be even more when IBM's PC-DOS 6.1 hits the streets. Anybody want to join the "PC-DOS 6.1 bug pool?" Prize for closest estimate of user-discovered, "real" bugs in the first 90 days will be a shrink-wrapped copy of VisiCalc 1.1 donated by Zach Porterfield.

The August DOS SIG Meeting will terminate with the usual Q&A session, but without the last-minute incursion of Fred Williams' Paradox Raiders.

*Reagan Andrews*

## Genealogy SIG

The General Genealogy SIG meets from 9-10 AM. The Genealogy SIG is one of 4 genealogy SIGs which meet on Super Saturday at the Infomart. The Genealogy SIG is not oriented towards any software or hardware, while the other three genealogy SIGs (the Personal Ancestral File (PAF) SIG, the Brother's Keeper (BK) SIG, and the Roots III SIG) are software program based.

The July program was on CD ROM (Compact Disk, Read Only Memory) hardware. The presenters were Debbie Bacsik, Training Director, and Doug Bently, Technical Coordinator — both from CompUSA. They should be given a pat on the back.

For the computer to read a CD ROM disk, it must be equipped with a CD ROM drive. There are basically two types of CD ROM drives to choose from. The cheaper CD ROM drives have a 150 kilobyte transfer rate. These are a good choice if the only need is for audio or to access huge amounts of data (census records, FamilySearch data, etc.). One of these can be purchased for around \$200. The higher priced CD ROM drives have a 300 kilobyte transfer rate. The 300 kilobyte transfer rate is essential if you need full-motion video or smooth animation.

CD ROM - what is it? What does it have to do with genealogy? CD ROMs are commonly used for clip art, educational works - i.e. storage of whole encyclopedias, dictionaries, and the like, children books, type fonts, interactive games etc. It is the cornerstone of the rapidly growing process called "multimedia." For the purpose of genealogy, let us say multimedia is the capture of your genealogy information in the form of words, pictures, sound, and animations.

The August program will feature a discussion of GEDCOM. The Family Connections program originally scheduled has been moved to November because of speaker commitments. The September program will be on imaging — one of the waves of the future for genealogical computing.

*Al Sanford*

## PAF SIG

The July program covered getting started with PAF and the use of Microsoft Windows.

Windows is called a GUI (graphical user interface). It is very mouse and menu oriented, whereas DOS (Disk Operating System) is keyboard oriented. If everything is operated in the Windows environ-

ment, then the peripheral drivers (printer, etc.) and the basic commands (menu bar, etc.) are built in, regardless of what new software is developed. In the DOS environment each supplier of software has to also incorporate the various drivers required to operate the software.

At present there is little genealogy software designed for Windows. Family History System (database), Family Treasures, (photos, timeline), are examples. Some other programs, such as Origins, will run under Windows. PAF, Roots III, and others can be run under a Windows as a DOS application.

*Al Sanford*

## Hardware Solutions SIG

A special thanks this month goes to Roy Bales who presented the July program on the subject of *3\_DRIVES*. The review of this new and interesting software brought several new faces to the meeting, and I hope we will see you back in the Hardware Solutions SIG again soon.

Also during the July meeting Brian Mickel spoke to us about the computers which have been donated to the Dallas Computer Literacy Program. A number of these older systems are in need of repair, and this presents a fine opportunity for anyone who is interested in gaining some hands-on hardware experience to learn more about computer maintenance while doing a good turn for the community. I hope this will be the beginning of a continuing cooperation between the Hardware Solutions SIG and the Dallas Computer Literacy Program and we will be talking a bit more about this during our August meeting.

The format of the August meeting will revert to our normal Q&A format during which we will open



the discussion to any hardware questions you wish to discuss.

*Charles Miller*

## Paradox SIG

I think, not only do I especially owe Tom Browning a great round of applause, but so do the regular SIG members. Tom has attacked his new job as Assistant SIG Leader with abandon. What better time to, once again, have viable demo hardware available.

With the July SIG meeting Tom kicked off his very successful series "Introduction to Paradox Database Design." Tom will continue with this series through at least the next few meetings. I have encouraged Tom to span the series over as many meetings as are necessary. The July portion covered: defining the high level database design specifications, data normalization, and PDox table design and creation.

The next section of the series will cover PDox Forms design. Based on July's progress, this may be the topic of the August SIG. Not being a seer, has its limitations. (This is being written prior to the July meeting.)

We will still keep the meeting format of approximately half for formal presentation with the remainder devoted to Q&A. The potential for longer SIG meetings is still in the "visionary" state. Please express your personal views on the subject to any NTPCUG BOD members that you see, as we are still in the information gathering stage. I will be seeking input at the upcoming SIG meetings I personally attend.

*Fred Williams*

## Personal Users SIG

The four classes for August 1993 will be:

9:00 AM	Class 13	Printers for Personal Computers
10:00 AM	Class 14	Writing Spreadsheet Macros (LOTUS 123)
12:00 PM	Class 15	Software for Personal Computers
1:00 PM	Class 16	PCs to the End of the 20th & Into the 21st Century

This will end this series of classes offered by the Personal Users SIG and the SIG will take off for one month (September) and then start over in October. Please be sure to attend any and all of the classes whether or not you own a computer, just beginning to use a computer at home or at work, or consider yourself an intermediate user.

*Bob Presley*

## Quicken SIG

If you accessed the Bulletin Board of the North Texas PC Group and looked under the SIG (Special Interest Group) Conference of Bus/DAC/Quicken, you would have realized that the August meeting of the group is the long-awaited presentation about accounting for your investments.

Jim Hall, our resident expert, very ably assisted by Stu Potter, will discuss the treatment of various types of investments by Quicken. And, if I mention that mutual funds, brokerage accounts, annuities, money market funds and CDs or Treasury Bills are covered in the discussion and you complain that annuities were not covered, then perhaps you should ask a question about annuities. The same is true for downloading stock prices to update price histories, which is a useful feature as are the reports for capital gains (sale of securities) and performance (yield of securities). Also, the graphing capabilities are very useful for

tracking portfolio performance.

At the July meeting, which was presided over by Jim Manning, we discussed setting up categories (there are various ways to accomplish this). One of the ways preferred by Jim and several of our members is to use numerical references for categories and subcategories based on general accounting methods. This certainly is a more disciplined method than the category-as-you-go approach, but whatever your preference, we surely look forward to more on this subject.

*Jo Johnston*

## Spreadsheet SIG

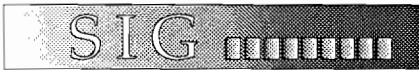
First I want to thank Tom Garland for leading the Spreadsheet SIG in July while I was on vacation. In August, the Spreadsheet SIG will continue its discussion of macros by discussing other macro commands that allow the user of a spreadsheet to interact with the macro. The most common commands for interaction are `getnumber` and `getlabel`, but there are others as well. This discussion should be very informative and helpful. These additional commands really add a lot of capability to the macro command language and will make writing macros easier for many of you. So come on by in August and check it out.

Also, the Spreadsheet SIG is still in need of an Assistant SIG leader to help give presentations and/or lead discussions. If you are interested, please contact Mark Gruner at the number on the inside back cover of this newsletter.

*Mark Gruner*

## Spreadsheet Developers SIG

I would like to thank Tom Garland for leading a discussion in the SIG last month. Since I have not



spoken to Tom, I have no idea what was discussed, but I am sure that all went well. In August, the SIG will be discussing some of the analytical tools that have been added to spreadsheet programs such as Backsolver and Solver. But both Lotus and Microsoft have added lots of new analytical tools to their software programs in their most recent releases. The purpose of the discussion will try to provide an overview of the capabilities of each tool so that perhaps a few tools can be earmarked for a later presentation.

Also the Spreadsheet Developers SIG is still in need of an Assistant SIG leader to help give presentations and/or lead discussions. If you are interested in volunteering, please contact Mark Gruner at the number on the inside back cover of the newsletter.

*Mark Gruner*

## TI-Pro SIG

In the July meeting of the group, Walt brought us up to date on the progress of his Winchester installation. Seems like he doesn't have everything to his satisfaction yet, but he's making a lot of progress.

Tom (our sysop) described how he's setting up his Pro to control his brand new audio stereo system. He told us that it sure made a good controller.

Tom also stated that the bulletin board was getting a lot of foreign traffic, from the east coast to the west coast, and maybe even as far away as Waxahachie. Unfortunately, most of it is in the private area. Generally, things that people discuss are of interest to everybody but, I would suggest that in a lot of cases, a discussion ends up in the private area because that is the

## SO YOU WANT TO LEARN ABOUT HARDWARE?

It is very rare, and fortunate to discover a situation in which two groups have certain needs and then discover that the resources of one group answer the needs of the other. Such is the situation with two organizations in Dallas.

Some of the people who attend the Hardware Solutions SIG meetings come to learn more about how to work on computer hardware because they have no previous experience. I know in my own case, I was pretty timid about approaching my computer with a screwdriver for a long long time.

What I learned from those who preceded me as SIG leader went a long way to helping me overcome my fear of the screwdriver. Looking back on the last few years, I can see how convenient it might have been to have a place to go where I could have practiced tinkering with computers to my heart's content without smoking my own computer system. Fortunately, this is just what has presented itself now.

The Hardware Solutions SIG is in the process of teaming-up with the Dallas Computer Literacy Program to help provide computers for neighborhood computer labs in Dallas. The DCLP is receiving donations of older PCs for use in their program. Some of these computer systems are in need of repair, and DCLP is in need of people who can repair these non-functioning systems.

Here is a fine opportunity for anyone who wants to come and learn about working on hardware to gain some real experience. For the experienced hardware "techie," this is a chance to show off how much you know and for those who have never seen the insides of a computer, this is your time to raise the veil from some of the mystery about what is inside that box.

There is absolutely no reason to be embarrassed by your lack of experience because you now have the opportunity to gain some experience by repairing some of these PCs which are not working now anyway, and the DCLP will thank you.

At this time, the DCLP is working on their computer hardware in one location and mostly on Saturdays. However; this will change according to the needs of those involved. Whether you have the time to come out twice a month or only twice a year, you will be welcome.

At 3 o'clock on Saturday, August 21st, there will be a tour of the DCLP facilities. We invite anyone interested to come and see what this program is all about and to sign up as a volunteer. This is an opportunity for members of NTPCUG to make a positive contribution to the community and to what our organization was founded to do: promote knowledge.

*— Charles Miller*

default. We discussed changing the default from private back to public in a effort to increase the general traffic. Clifford gave Tom a SSS clock (program?) for the BBS so it looks like you'll know what time it is the next time you hit the board.

Well, it's officially happened. Our meeting has been decreased to an elapsed time of 55 minutes. We're now scheduled to start at 12:00 noon instead of 11:30 AM.

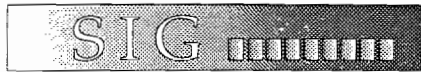
John McCrady tells us that TI has donated a plurality of TI Pros to them. He wants to use them for educating very small children at Fair Park and is looking for a program called LOGO to support this effort. One of our friends from the SCV TI Users Group, Chris

Meredith, has advised me that "it is a graphics drawing language/program. Very simple to use with a mouse and pointer system called Turtle Graphics. It was ported to the Pro and it does exist in TI native form." If anyone knows where we can obtain copies, please let us know. I know the children will benefit greatly if we can get them going. Again many thanks, and see you next month.

*Jack McCurley*

## UNIX SIG

At the July meeting Jim gave an introduction to the basics of system administration. This is a bit more complicated for UNIX than for DOS because of the fact that files have owners and groups. These



concepts have no meaning to DOS since DOS was always meant to be a single user OS.

Multi-user systems need a bit more than that since they must allow the files of many users to coexist on the same disk and to allow some degree of privacy. Hence, there must be mechanisms to protect files from unauthorized access. And, of course, there must be ways for certain programs to bypass that system. The *passwd* program must be able to update the *passwd* file no matter who is using it but you don't want any other program to be able to do that. Making sure that the access permissions on files are reasonable as well as adding and removing users from the system form a part of the System Administrator's job. And then there is always the fun of watching for the signs that someone is trying to break into your system.

To continue with system admin related topics at the August meeting, Stan Milam has offered to give a talk on *Termcaps*. This is a system that allows UNIX systems to work with a variety of different monitors all of which have their own ways of doing things. Remember that UNIX was developed to work on all kinds of hardware, so naturally all kinds of monitors can and have been used with it. *Termcaps* uses a database of the different codes for different terminals. To learn more about how *Termcaps* works join us at the August meeting.

*Doug Scott*

## Word SIG

The August Word SIG meeting will feature an exploration of *Word 6.0 for DOS's* handling of TrueType Windows fonts. Charles

Miller, Word SIG Co-leader, will continue with the discussion of Microsoft's newest DOS word processor initiated at the July Word SIG meeting.

Sharp-eyed SIG members who have already upgraded to version 6.0 were probably surprised to see the upgrade offer for *Word for Windows 6.0* included in the package. That may mean that this is the last DOS version of Word that Microsoft will release — if rumors out of Redmond, WA, are true — and represents Microsoft's effort to keep DOS Word users in the family, if possible.

It should be a really interesting and informative SIG Meeting in August. Of course, we'll be looking at all versions of Word, so bring your Word questions, operating tips, and mysterious puzzles to the August Meeting.

*Reagan Andrews*

## WordPerfect (DOS) SIG

The June meeting was our Round Table session. We offered 8 different topics, including product demonstrations of WordPerfect 6 and presentations from the WordPerfect rep. Thanks to all who offered their expertise for the entire morning. The SIG doesn't survive without victims — er, volunteers — like you.

We've had repeated requests to offer the Round Table session again. Summer schedules are hectic, so, we may do this again in the Winter.

## WP Tip Of The Month!

WordPerfect can read the date and time from your PC and type that information into your document. There are two choices regarding Date: 1) Date Text and 2) Date Code. They look alike when printed and when seen above the reveal codes bar. The difference is that Date Text reflects the date you used the command. Date Code will automatically reflect the CURRENT date each time you retrieve or print the document.

To find the Date options, press [Shift][F5] — yep, Judy, this works in 5.0 too!

There's also an option to change the way the date is displayed. It's called Date Format and is the 3rd choice from that menu. When you get into the Date Format menu, the bottom of the screen reflects the code that is used to type out the date. The entire screen (other than the last line) is a menu. For instance, if you want to type the month out as a word (i.e., June, July), you'd select option 3. If you wanted the date to be typed out as a number (i.e., 6, 7), you'd select option 2. Remember to put spaces, commas, slashes, or dashes where you want to separate each part of the date.

Now on to business. For the August meeting, we'll be covering some basics on formatting. Margins, paper sizes, leading, and tabs. We'll also show you how to set up and use labels. Then in September, I'll give you an overview of WordPerfect 6. We'll concentrate on the differences between 5.1 and 6.

*Lori Quinn*

## Novell Network Classes Taught by Certified Network Engineers

- ◆ Netware 386 Admin. (3 day) \$695
- ◆ Adv. Netware 386 Admin. (2 day) \$495
- ◆ Price includes 200+ page Wave training manuals.
- ◆ Classes held at INFOMART.
- ◆ Prepare for CNA or CNE exams.

For full details, course outlines, and registration forms; call our 24hr automated information line with FAX capability. MicroTrain, Inc. (214) 746-5976

## The Visual Basic Corner

by Jim Carter

### **Visual Basic 3.0 Arrives!!**

Sorry this article is rather old news, but the announcement of *Visual Basic 3.0* came four days after my deadline for the June issue of this newsletter, and my July offering didn't make it to the BBS in time (my fault, Fred!). *Visual Basic 3.0* is currently shipping.

### **What's New in Visual Basic 3.0?**

Visual Basic 3.0 is now data-access aware. Microsoft has included the Microsoft Access 1.1 database engine in *Visual Basic 3.0* to provide data access to many database formats. The Standard Edition of *Visual Basic 3.0* includes visual controls for "no-code data access" while the Professional Edition provides a programmatic layer for complete control over data access.

OLE Automation is included in both the Standard and Professional Editions of *Visual Basic 3.0*. This capability will permit the use of OLE 2.0-enabled applications to be programatically controlled

within your *Visual Basic 3.0* applications.

The Professional Edition includes *Crystal Reports 2.0 for Visual Basic*, a very popular third-party add-on product to previous versions of Visual Basic. *Crystal Reports* is used to create custom reports, lists, and form letters using data from your existing databases. Using the Crystal Custom Control, you can quickly build custom reporting functionality into your application.

One addition to the Standard Edition is the Common Dialog Box tool which provides a standard set of dialog boxes for operations such as opening, saving, and printing

files or selecting colors and fonts. Other controls were modified to make them data-aware for building database front ends without writing code.

A new feature of both the Standard and Professional Editions is the Setup Wizard which leads you through the process of creating a SETUP.EXE file for your users. The Visual Basic Wizard greatly reduces the number of steps required to create distribution disks for your Visual Basic applications.

*Visual Basic 3.0* makes it safer to experiment and test new .DLLs, .VBXs, and other new technology with the new Save Project Before Run environment option.

Overall, *Visual Basic 3.0* is a significant upgrade in the database and OLE Automation areas. In my opinion, well worth the modest upgrade prices announced by Microsoft.

— Jim Carter

## NTPCUG On-Line

By Fred Williams

Sysop, NTPCUG BBS

Been kicking around the idea of attempting to explain how the NTPCUG BBS is put together and how it all runs. It would take quite a few articles in this column to even do a good overview. I'm going to check with our editors as well as get some input from y'all in both the BBS SIG and Communications SIG on future Super Saturdays. I thought that many of you might be curious about how the BBS is pieced together and how all those parts work together to supply our BBS services.

Don't worry, if I decide to go forward with it, I'll periodically check the readers' pulse to see if I should continue on. If the interest dries up I'll most likely switch to a discussion of the "humongous humorous tag line generator" I have been developing late at night in Systems Consultants' company "skunk works."

I'm designing it so all you have to do is put in words like: "Clinton," "Democrat," "Jogging Track," "less than 4 more years!," and "Rush Limbaugh" and press any seven keys in any order. Since I'm developing it in a blend of old reworked MASM code, dBase III+ source, and C++, under my favorite OS, so far all I've got for output is "General Protection Fault... Blah, blah, ...." Guess it's about time to call in Kent Cobb!

Meanwhile back in the real world, I am working on designing and developing some additional "C" programs that will run once a month and produce BBS audit and usage reports. I have had a small window of opportunity open which has allowed me just a little more time than normal to devote to the BBS. If I do my job right the average BBS user never even knows things are changing until something new pops up on a menu. Look for further advances coming to your BBS soon.

— Fred Williams

# NEW DISKS

...from the DOM Squad

**Disk 837. PC-Nag 1.2, 3/93 - Appointment reminder and scheduler, Progressive Software, SHAREWARE.**

Have you ever forgotten a birthday? How about an anniversary or other special occasion? Well, put your brain to rest and let your computer and PCNAG do all the remembering and scheduling for you! This program lets you save reminders on your computer. Every morning when you boot your computer, you get reminded of things. Just like a spouse, but it costs less and in-laws don't come with it.

You can have messages pop up every year, month, week, day or every certain number of days. You can also make it show you the message any number of days (or times) before it occurs. For example, if your mother's birthday is June 2, you would set a message to pop up 6/2. But being reminded the morning of the event does not give a person much preparation. Now, like any good "Nag," you will be reminded as many days, or times, before that specific date as you wish.

But, what if you don't turn your computer on until after these important dates have passed? Don't worry, PCNAG will continue to store your message reminders until you turn on the computer.

**SYSTEM REQUIREMENTS:** IBM PC, XT, AT or compatible. Hard drive recommended.

Software donated by NTPCUG member Jan Parkhill.

*Review prepared by Jan Parkhill, edited by Will Davis (7/93).*

**Disk 838, 3\_Drives 1.50, 2/93 — Driver to add 3 more hard drives, Dustbowl Designs, Inc., 9606 N.E. 4th Street, Midwest City, OK 73130. (405) 741-4705, SHAREWARE FEE = \$30.**

This is an excellent program which will allow you to have more than 2 hard disk drives in your 286, 386 or 486 computer.

You must however have 2 controller cards, a 3rd hard disk, and of course the cables for this to happen.

This shareware version was easy to implement and I now have the following fully functional hard disks on my 386 system: C: and D: which are ST238R RLL drives and E: which is a ST277R 65.6 RLL drive. I have not detected any slowdown or problems in running this device driver. My DOS is 6.0, but the driver will work with any version from 3.0 on.

The program allows any mix of hard disk drives. You can now have MFM, RLL, ESDI, SCSI, or IDE drives mixed. The documentation is very complete and contains good examples and drawings.

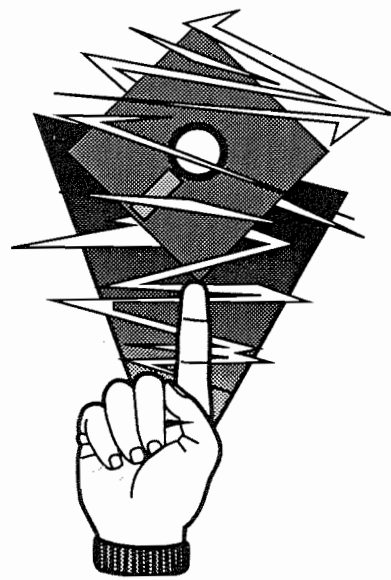
The author has two non-shareware versions of this program which allow 3 or 4 drive configurations and up to 10 partitions on drives 3 and 4. The shareware version only allows one partition on drive 3 and does not support drive 4.

**SYSTEM REQUIREMENTS:** IBM or compatible AT (286+) computer, hard drive, DOS 3.0 or higher. 8 bit machines (PC and XT) are not supported.

The source of this software was the vendor.

*Review prepared by Roy Bales, edited by Will Davis (7/93).*

DOM MAIL ORDER FORM		
Mail to: NTPCUG, DOM Mail Order P.O. Box 780066 Dallas TX 75378-0066		Specify disk size: 5 1/4" <input type="checkbox"/> 3 1/2" <input type="checkbox"/>
Disk no.	No. of Disks	Title/Description
TOTAL DISKS _____ @ \$2.00 each . . . . . \$ _____		
SHIPPING & HANDLING @ \$1.00 for each 5 disks . . \$ _____		
TOTAL AMOUNT FOR ORDER \$ _____		
NAME _____		
ADDRESS _____		
CITY, STATE, ZIP _____		





## Inside the North Texas PC Users Group Community

by Claude McClure

Thanks to the volunteers who take time from their busy lives to make our weekend at the Infomart a Super Saturday. I have had the opportunity to call many of the volunteers over the last two months, and I'm amazed at the active lives and hectic schedules of our fellow club members. I know my personal free time is at a premium and I ponder cloning myself whenever two duties are competing for the same block of time. After calling members and listening to voice mail, answering machines, bemused spouses, and hearing some responses from them on my own tired machine, I have come to respect the chunks of time they accumulate to donate every month.

The good news is, those who do so much for us in the computer users group also get some benefit in new techniques or computer knowledge. Programs and equipment to improve efficiency are presented every month, and users who volunteer are the ones most aware of the exploding technology. There is power to cope with the many demands on their time from these electronic machines. Our members can virtually do two things at the same time. They can "multi-task."

Thanks to the volunteers for being so eager to serve when they get a call. It makes filling the many job slots for a super-Super Saturday much easier for the scheduler. Thanks to their responsiveness, there is time to do some of the other duties that occur in the monthly club cycle. There is a lot for one person to do; now where did that frog DNA go, Dr. Wu?

Please remember to say thanks to our volunteers!

Infomart Liaison: David Harned	Allan Harbaugh Hank Holt David Huckabee Edward (Ned) Keig Claude McClure	Craig Ringener Ed Snuggs	Jimmy Green Harold Menzel
Vendor Setup/Breakdown:	Edward (Ned) Keig Claude McClure	With Special Thanks to:	DOM Desk Scheduler: Charles Cashion
Anchors: Mike Griffin David Slavik (double)	Booth Crew: Glynn Brooks Ereta E. Eta John Ivers Neil Jochelson Cinda Lovil Bolan Meek Rod Rodolico Everett Turner	Set-Up Crew: Bill Chambliss Jay Chambliss Mark Gruner M. Pat Henley Jerry Stone	Disks-for-Review Manager: Howard Hamilton
Crew: Robert Hartner Rod Rodilico (double)	Disk of the Month (DOM)	Inventory and Clean Up Crew: Gil Brand	Disk Production: Will Davis Kathryn Loafman Kenneth Loafman
Auditorium Presentations: Timothy Carmichael Chris Jung Christopher Carmichael	Desk Crew: Joe Allen Doug Athas Bernie Baars Roy Bales Ralph Beaver Rob Bender Gene Brown Gene Carleton Don Chick Norman Dang James Donlon William Farris Thomas "Tuc" Goodwin Tim Lanz Lloyd "Mac" McKeethen Duane Martin Jan Parkhill George Ponsford George Read		
Information/Registration Booth:			
Statistician: Connie Testa			
Scheduler: Bob Wuller			
Anchors: Connie Andrews Dianne Arnold (double) John Arnold Al Alston Mike Ashley Ralph Beaver Albert Champon Greg Canty John Ferguson Judy Griffiths			

### VOLUNTEER INFORMATION

**1. Via BBS:** (214)387-2751, (214)387-2752 or (214)263-9036 (metro). Sign up on the Volunteer Conference — make the subject matter your area of interest.

**2. Meeting day:** Sign up at the Information Booth or DOM Booth to work those areas in a coming month.

**3. By phone:**

<b>Auditorium Presentations</b>	
Timothy Carmichael	(214)661-4626 (w)
<b>DOM Booth Scheduler</b>	
Charles Cashion	(214)881-0952 (h) (214)519-2583 (w)
<b>DOM Software Review</b>	
Howard Hamilton	(214)644-5721 (h)
<b>Information Booth and General Information</b>	
Claude McClure	(214)867-0978 (h)

## NTPCUG USER-TO-USER PROGRAM

Introducing the NTPCUG User-To-User program, composed of members who are willing to donate their time to help others with software and hardware questions. Some of our helpers are professional consultants. All have joined the User-to-User Program because they want to share their knowledge with others and help them. They have agreed to answer questions that they are comfortable handling over the phone, without charge.

These individuals are volunteering to assist NTPCUG members. NTPCUG is assisting in finding these volunteers for you, but cannot be responsible for unsatisfactory outcomes.

Next to each subject, we will list the person's name, phone number and the times they are available.

An example listing would be:

SUBJECT	HELPER	PHONE	DAYS	HOURS
C++ 7.0	Ben Thar	(111)555-1212	M-Sa	1300-1800

**Please try to resolve your problem by reading the manual and any on-line help BEFORE calling.**

The following areas have helpers and should appear in next month's newsletter. Access, Assembly Language, Basic, Brothers Keeper, C, C++, Borland C++, Communications Software, CompuServe, DOS, Lotus, 1-2-3, MathCAD, Paradox, ProComm/ProComm Plus, Quicken, SPFP, TurboVision, UNIX, WordPerfect, Windows, and XENIX.

The subject areas listed below currently do not have a volunteer to answer questions. If you would like to assist or add possible categories for the future, please contact Bill Drissel at (214)264-9680 M-F 1830-2200 or Sa & Su 0900-2200. Bill will send you a form on which you can list your qualifications and sign.

**Areas Needing Helpers:**

Beginners  
 Hardware Help  
 \$ & Sense  
 Anti-Virus  
 Borland Turbo C  
 Microsoft C  
 Microsoft C++  
 Visual C++  
 CAD  
 Corel Draw  
 Dataflex  
 dBase, dBase III+  
 DeskLink  
 Desktop Publishing  
 DR/Novell DOS

Easy Text  
 First Choice  
 First Publisher  
 Fox Pro  
 Fund Watch Plus  
 Harvard Graphics  
 It's Legal  
 LAN's  
 LapLink  
 Managing Your Money  
 Mathematica  
 Modems  
 Money Counts  
 Money Plans  
 Microsoft Assembler

Microsoft Word  
 Microsoft Works  
 MIDI  
 MKS products  
 MS-DOS (see DOS above)  
 Norton Utilities  
 OS/2  
 PAF  
 Pagemaker  
 PC Hookup  
 PC Tools  
 Personal Tax Preparer  
 PKzip/PKUNzip  
 Portfolio Analyzer  
 Q&A File  
 Q & A

Quattro Pro  
 QuietWrite  
 RS-232 Communications  
 Roots  
 Smart  
 Smart Notes  
 Sound Blaster  
 Stacker  
 SuperCalc  
 Symphony  
 TurboTax  
 TurboVision  
 Ventura Publisher  
 Word (see Microsoft)  
 XTree



### Membership Application *North Texas PC Users Group, Inc.*

The NTPCUG is a non-profit independent organization of individuals learning to apply personal computers to practical problems. For additional information, call (214) 746-4699.

Member # \_\_\_\_\_

Name: (Last) \_\_\_\_\_ (First) \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: (Check Preferred No.) Home \_\_\_\_ ( \_\_\_\_ ) \_\_\_\_\_

Work \_\_\_\_ ( \_\_\_\_ ) \_\_\_\_\_ (Ext) \_\_\_\_\_

Occupation/Profession: \_\_\_\_\_

Check one from each column below:		
Payment:	Membership Classification:	Application Status:
Cash _____	Regular (\$24.00) _____	New Member _____
Check _____	Student (\$16.00) _____	Renewal _____
Credit Card _____	(full time with ID)	Address Change _____

Applications should be mailed to: North Texas PC Users Group, P.O. Box 780066, Dallas, TX 75378-0066  
 (Make checks payable to NTPCUG)

Please initial here \_\_\_\_\_ if you do not wish to have your address included on member lists sold for the NTPCUG's benefit to advertisers of IBM compatible products.



For the current schedule of Vendor Presentations and the North Texas PC Users Group Business Meeting, please consult Page 3 of this Newsletter, and the overheads in the lobby at INFOMART on July 10, the day of the meeting.

## Special Interest Group Meetings

For possible time changes, check the Bulletin Board just before the meeting and the overhead display in the lobby at INFOMART.

<b>8:00 - 8:55</b>	<b>10:00 - 10:55</b> cont	<b>12:00 - 12:55</b> cont
Microsoft Networking Visual Basic - Beginning	Personal Users WordPerfect/Windows Unix/Xenix	Investors OS/2 for End Users Personal Users TI Pro
<b>9:00 - 9:55</b>	<b>11:00 - 11:55</b>	<b>1:00 - 1:55</b>
BASIC Programming-Visual DOS General Genealogy Hardware Solutions Personal Users Quicken Software Review Windows Applications WordPerfect	BASIC Programming-Begin.. Assembler Brother' Keeper Genealogy MS Works Roots III - Genealogy Spreadsheet Developers Windows Developers	Access ACT! BBS Business Apps./DAC Easy Middle C OS/2 Developers Personal Users Spreadsheet Startext WORD
<b>10:00 - 10:55</b>	<b>11:30 - 11:55</b>	<b>2:00 - 2:55</b>
BASIC Programming-Adv. CAD Fox Pro Database Networking PAF -Genealogy Paradox	Orientation <b>12:00 - 12:55</b> Alpha Four C++/Advanced C Communications Desktop Publishing	Advanced Programmers Community Services

## Special Interest Groups

SIG Coordinator	Alex Lilley	(214)953-4970 w (214)517-7430 h (817)481-2350
ACCESS	Larry Linson Jack Atkinson Dianna DeCicco Frank McCoy	(817)481-6623 (214)446-0639 (817)232-2483
ACT!	Jim Thompson	(214)487-0085 w (817)261-6159 h (214)276-3661 h (214)556-1352 h
Alpha Four	Ron Jackson Mac McKeethen Frank Cavallito	(214)423-9221 h (214)827-7734 h (817)379-6840 h (214)230-3485 w (214)283-2292 h (214)235-5968 h (214)492-1315 h (214)618-8002 h (214)464-7942 w (214)272-2869 h (214)235-2559 h (214)669-9633 w (214)890-5848 h (214)233-8353 w (214)343-3862 h (214)296-1799 (214)618-8002 h (214)464-7942 w (817)731-1308 h (214)521-2938 h (214)521-6670 w (214)953-4970 w (214)517-7430 h
BBS	Jim Carter Fred Williams Doug Gorrie	(214)416-3101 h (817)828-0699 h (817)640-6130 hM (214)313-0408 w (214)320-8305 - (817)481-2350 hM (214)644-7536 h (214)278-7888 h (903)938-4220 h (214)937-9676 w (214)937-5851 h (214)827-7734 h (817)498-9746 hM (214)437-0322 h (817)461-4120 w (817)451-4540 h
Brother's Keeper Business App./DAC	Neil Sunderland Putt Shaw	
C++ / Advanced C CAD Communications	Kent Cobb Bill Shepton Doug Gorrie	
Community Svc	Bill Green Brian Mickel	
DOS	Alex Lilley	
Dataflex	Jim Hoisington Reagan Andrews, Ph.D. David King	
Desktop Publ	Frank Bede Larry Linson Kevin White	
Fox Pro Genealogy Hdw Solutions	Al Sanford Charles Miller Gary Johnson	
MS Works	Mike Firth Ralph Logan	
Investors Local Area Net	Dick Ricktuan Bernie Van Roekel	
Middle C MS Networking OS/2 Dev	Francis Bright Tom Cook Debbie Meaney James Dunn	
OS/2 for End Users	Bob Fermier	
PAF Paradox	Joe Waldrop Fred Williams Tom Browning	
Personal Users	Bob Presley Bob Russell	
Programmers	Jim Hoisington Kent Kingery	
Quicken	Billy Pitts	
Roots III Software Review	Jo Johnston John Wylie Pat Henley	
Spreadsheet /Dev	Neil Berkowitz Mark Gruner	
StarText	Betty Brooks Beverly Kurtin	
TI Pro	Jim Boughton Jack McCurley	
Unix/Xenix	Walt Rice Doug Scott	
Windows Applic.	Jim Stallworth	
Windows Dev. MS WORD	Rick Silvernell Arthur English Charles Miller	
WordPerfect	Janet Patton Lori Quinn	
	Mitch Milam	

## North Texas PC Users Group, Inc.

P.O. Box 780066, Dallas, TX 75378-0066

Phone (214)746-4699 for recorded information about the User Group and meeting dates. Please leave a message if you would like specific information about the Group.

The North Texas PC Users Group, Inc., is a non-profit, independent group, not associated with IBM or any other Corporation. Membership is open to owners and others interested in exchanging ideas, information, hardware, predictions, and other items related to IBM Personal and compatible computers. To join the Group, complete the application blank printed elsewhere in this newsletter, and send it with \$24 membership dues to the Membership Director whose address is shown below. A subscription to the newsletter is included with each membership. The Group meets once each month, usually on the second Saturday. See cover for date, time and place of the next User Group meeting.



### Board of Directors

**Doug Gorrie, Chair**  
**Jim Hoisington**  
**Fred Williams**

**Reagan Andrews**  
**Andy Oliver**

### Officers

President	Doug Gorrie	(214)618-8002 h (214)464-7942 w
President-Elect	Andy Oliver	(214)223-4044 h (214)871-5750 w
Program Chair.	Timothy Carmichael	(214)661-4626 w
Treasurer	Raymond T. Reyes	(214)495-7071
Secretary	John West	(214)620-8741 h
Membership Dir.	Jim Hoisington	(214)416-3101 h
Advertising Dir.	Douglas McQuaid	(214)313-0086h
Publicity	Peyton Weaver	(214)462-7980
Disk of the Month Group Statistician	Kathryn Loafman Connie Testa	(214)596-2539
Volunteer Coord.	Claude McClure	(214)867-0978 h
BBS	Fred Williams	(214)492-1315

### Members Emeritus

John Pribyl (1924 - 1993)  
Phil Chamberlain  
David McGehee  
Tom Prickett  
Kathryn Loafman

Jim Hoisington  
Stuart Yarus  
Connie Andrews

NOTE: To access the BBS Metro line from outside Area Code 214, use Area Code 214. (This is NOT a toll call from Fort Worth and the Mid-Cities area.)

### NTPCUG BULLETIN BOARD Settings: N 8 1

(214)387-2751  
(214)387-2752  
(214)263-9036 (Metro)  
SYSOP: - Fred Williams  
Assistant Sysop: Tom Prickett  
Assistant Sysop: Doug Gorrie  
Information Mgt: Lewis Graber  
User Relations: Adam Peterson  
DOM Index: Pete Testa  
Voice line for validation problems:  
(214)682-0725 Ask for Adam

### TI PRO BULLETIN BOARD (214)361-5275 SYSOP: Tom Blackwell

Address Changes, etc...  
Payment of dues, address changes, and inquiries about membership should be directed to

**NTPCUG Membership Director**  
**P.O. Box 780066**  
**Dallas, Texas 75378-0066**

(Check newsletter mailing label for your renewal date..)

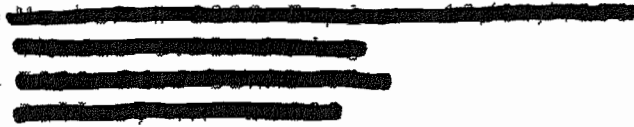


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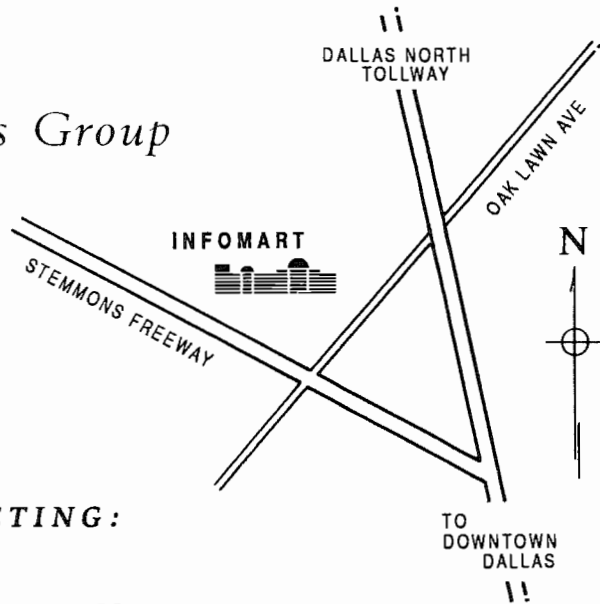
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*North Texas PC Users Group*



**NEXT MEETING:**

21 August 1993