

Price \$3.00

North Texas  **NEWS**

North Texas PC Users Group, Inc.

September, 1996

VOLUME 15 • NUMBER 9



North Texas PC NEWS

Published monthly by members of North Texas Personal Computer Users Group for their use. Members each receive a free subscription; for others, price of the NEWS is \$3 per copy. Members are requested to notify the Membership Director in writing of address changes. Send all editorial correspondence to: Editor, North Texas PC NEWS, 218 Virginia Ave., Waxahachie, TX, 75165-2418
Send address changes to: Membership Director, NTPCUG, P.O. Box 780066, Dallas, TX 75378-0066.

Managing Editor Reagan Andrews
(214) 828-0699

Editor Gerry Helne
(214) 938-7288

Assistant Editors Alan Intel
(214) 220-7829

Doug McCoy
(214) 496-0366

Linda Moore
(214) 342-8833

John Gourd
(214) 783-9629

Newsletter Exchange Lewis Graber

Advertising Director Connie Andrews, (Acting) -
(214) 828-0699
Mail all advertising material and ad payments to
North Texas PC NEWS
c/o 3100 Lincoln Plaza
500 North Akard
Dallas, TX 75201-3320

The opinions expressed herein are those of the authors and do not necessarily reflect those of the Group or its members. Copyright © 1996 by North Texas PC NEWS. (Articles without specific copyright notices may be reproduced unchanged by other not-for-profit User Groups if credit is given to the author and the publication.)

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 2,425 last month. Member distribution was 2,100; 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 Corel Ventura 4.2, Corel Draw 5.0, Arts & Letters Express 5.0, Micrografix Picture Publisher 3.0, Adobe Photoshop 3.0 and HP Scanjet IIp. Repro was printed on a HP Laserjet 4M. Principal typefaces include: Palatino, Helvetica, A&L Cafe, French Vogue, Lithos and Mistral.

DEADLINE

Copy deadline for September
North Texas PC NEWS:
Tuesday, September 10th

Meeting Dates:

September 14, 1996 - 2nd Saturday
October 12, 1996 - 2nd Saturday
November 9, 1996 - 2nd Saturday



In this Issue . . .

President's Message	2-4
Andy Oliver	
Blazing Speed... (Seagate Tape Review)	4-6
On Complexity No. 80	7
Jim Hoisington	
Usenet Modem Revenge	8
Patrick Dryden	
The Corel Corner	11, 14
Marsha Drebelbis	
The Variety Store	12-14
Reagan Andrews	
Attention all SIG Leaders! — Brief Guide to uploading SIG notes	22
Reagan Andrews	
BBS - On-line	25
Fred Williams	

Special Items:

Agenda, Meetings & Times	1
SIG Reports	15-25
New Disks from the DOM Squad	9-10
Volunteer Guide	26
User-to-User (Help)	27-28
Membership Application	28
Officers & People You should know	29

Visit the North Texas PC Users Group web page:
<http://www.ntpcug.org>

North Texas PC News

Advertising Prices and Policies

Ad Size	1X	3X	6X	12X
2-Page Spread	\$400	\$325		
Full Page (7 x 9)	225	195	\$165	\$150
Half Page (7 x 4 1/2)	150	125	110	100
Qtr Page (3 1/4 x 4 1/2)	100	80	65	55
Business Card (2 x 3 1/4)	65	50	40	35
Business Card (Members)	35	25	20	20

Reduced rates for multiple insertions of same ad. Require prior commitment in writing and payment in advance (3 months minimum). Copy and mechanical changes requested between insertions will be billed accordingly.

Deadlines: All advertising copy must be received by the PC News staff no later than the 10th day of the month prior to the month of publication unless other arrangements are made with the Publisher. NT PC News publication date is 10 days before the monthly meeting of the North Texas PC Users Group.

Policies & Mechanicals:

- Commercial ads must be in repro form, in final size, ready for printing.
- Halftones must be furnished as final size, screened prints or negatives.
- Halftone screens cannot exceed 100 LPI maximum.
- No ads on front cover. Bleed pages and color must be discussed with Publisher before submission.
- Related ads only; suitability is at discretion of the Publisher and the North Texas PC Users Group Board of Directors.

Payment: Payment in advance of publication.
Make checks payable to: North Texas PC Users Group, Inc.

9:00 - 9:55 AM **PartitionMagic Software**

PowerQuest Corporation
Gene Barlow, Director of User Group Relations

Added a gigabyte hard drive to your system lately? Finding that it won't hold all the files you thought? You may be losing up to 40% of your disk space from large clusters! Find out more about this cluster problem and what you can do to fix it, as well as other important hard disk organizing techniques that will make your system perform better and safer. You'll wonder how we got along without this product for all these years. There will be a drawing for free door prizes, and a special user group price for this exciting product. *

NTPCUG PROGRAMS & PRESENTATIONS . . .
TIMOTHY CARMICHAEL

10:00 - 10:55 AM

Advances in Display Technology

STB Systems Inc.
Gary Kellar, Director of Product Marketing

STB Systems, a publicly traded maker of graphics adapters, will give up-to-date information on a range of display technologies, including 128-bit graphics, new memory technologies (bandwidth), 3D graphics, and digital video playback. The tutorial session will also cover next-generation technologies, such as DVD, DSS, InterCast TV, Intel's Advanced Graphics Port (AGP), and ProShare videoconferencing. In addition, STB Systems will discuss where the company is positioned in the multimedia market and how its products compare to its competitors. There will be a drawing for free products. *

11:00 - 11:30 AM

NTPCUG Business Meeting

1:00 PM - 2:55 PM

Virus: Don't Let This Happen to You

McAfee Associates
Anna Rice, Technical Support Representative

There are thousands of viruses out there. What are they and how can you prevent from getting them? This has become a problem which affects ALL computer users today. McAfee has several ways to protect your business and home computers, networks and email from being infected. All products will be introduced for several platforms and solutions provided. There will be a drawing for free products. *

* 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.

SEPTEMBER 14

SIGs NTPCUG SPECIAL INTEREST GROUP MEETING SCHEDULE

8:00 - 8:55
 Internet - WEB Developers
 Microsoft Networking
 Visual BASIC - Beginning
 MultiMedia

8:00 - 9:55
 Hardware Solutions

9:00 - 9:55
 DOS
 Emerging Technologies
 General Genealogy
 Internet-Advanced
 SQL Server
 Introduction to the PC
 Quicken
 StarText
 Visual BASIC
 Windows Applications
 WordPerfect/DOS

9:00 - 10:55
 Dallas Corel

10:00 - 10:55
 BASIC - Classic
 CAD
 Fox Pro Database
 Graphics
 Networking
 Internet-Beginning
 PAF-Genealogy
 Paradox
 Introduction to the PC
 WordPerfect/Windows
 UNIX

11:00 - 11:55
 Assembly Language
 Brother's Keeper
 CAD (Cont.)

11:00 - 11:55 (Cont.)
 Investors
 Graphics (Cont.)
 MS Works
 OS/2 - Q & A
 Roots III/IV - Genealogy
 Spreadsheets
 Windows Developers

11:30 - 11:55
 Orientation

12:00 - 12:55
 Alpha Four
 C++/Advanced C
 Communications
 Delphi
 Desktop Publishing
 Health Care Computing
 OS/2 for End Users
 Introduction to the PC
 The Master Genealogist

1:00 - 1:55
 Access
 ACT!

1:00 - 1:55 (Cont.)
 Business Apps./DAC Easy
 C++/Beginners
 OS/2 Developers
 Introduction to the PC

1:00 - 2:55
 Word for Windows

2:00 - 2:55
 Advanced Programmers
 QuickBooks
 Application Developers
 (OLE and ODBC)

Please consult the BBS and remember to check the overhead display in the INFOMART lobby for latest SIG schedules and room locations.

NTPCUG BOD Votes To Increase Dues October 1

First Increase in NTPCUG's 15 Years

The North Texas PC Users Group, Inc. Board of Directors voted at the August 13, 1996, BOD Meeting to increase the dues for Regular Membership from \$24 per year to \$30 per year effective October 1, 1996. Student Membership will increase to \$25 per year.

The decision to increase NTPCUG Membership Dues followed several months of study and a number of lengthy discussions about the dues increase by NTPCUG Officers and Directors. The result of these efforts was a consensus after hearing all arguments and opinions.

Increase Prompted by Rising Expenses

The NTPCUG dues have been \$24 per year since the group began 15 years ago. Unfortunately, expenses have not remained the same for 15 years. Recent and anticipated equipment expense, the Post Office increase in Bulk postage rates (for mailing the newsletter), and operating the group with more expenses than revenue for six months prompted this action.

Members can renew their membership for one year at \$24, regardless of the membership expiration date, anytime before October 1, 1996. This is another item that the BOD approved. Remember though, this is for one year only, and midnight September 30, 1996 is the absolute cutoff date.

Rumor Central

This seems slightly "out in left field" for a rumor, but even more so because one of our own SIG leaders is spreading it. *NO, we are not moving out of Infomart.* The DFW Xchange Corporation, headed by Stuart Yarus, has signed a contract for our meeting space at The Infomart for 1997.



One change that is supposed to occur in December: the Vendor Area downstairs will move upstairs to the hall on the West side of the first floor. You know, behind the area where our Information Booth normally sits, where CompUSA had their big software/hardware sale and Expo last year.

Special Interest Group Leaders

Alex Lilley, SIG Coordinator, would like to remind all SIG Leaders to check the yellow folder in the blue mailbox at the Information Booth for important announcements, SIG mail, and payola. The Board of Directors (Alex is one of those, also) tries to attend as many SIGs as possible, but it is impossible with over 50 SIGs and with many of the Board also being SIG Leaders. So the blue mailbox is one way we can pass on information to the SIG Leaders and Co-Leaders. Special information includes the date and time of the semiannual SIG Leader dinner, where we talk about what is going on in NTPCUG. The dinner is also a time where we get a chance to listen to the SIG Leaders' ideas and concerns.

Videos, VCRs, and Presentations

The Corel SIG showed a video on scanning tips and techniques at the July meeting and Marsha Drebelbis, Acting Corel SIG Leader, said that it was a big hit. There are many good, and some

G. KENT COBB
SOFTWARE DESIGN AND DEVELOPMENT

P.O. BOX 551271 (214) 343-3554
DALLAS, TEXAS 75355-1271 kentcobb@BIX.com

Personnel Placement &
Recruitment Service

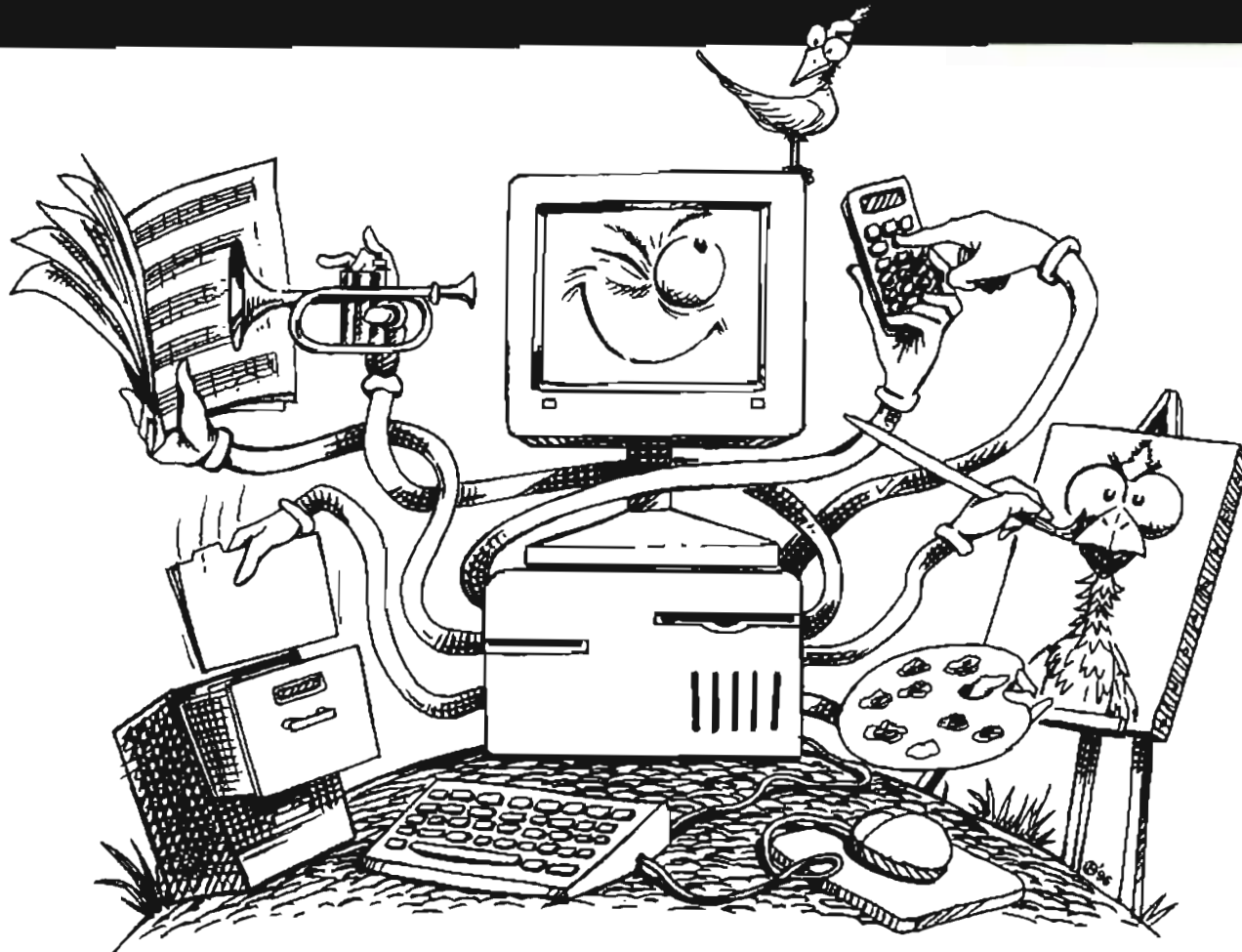
Babich & ASSOC

ELISE GARRETT
MAC McCONNELL

ONE SUMMIT AVENUE
SUITE 802
FORT WORTH, TEXAS 76102

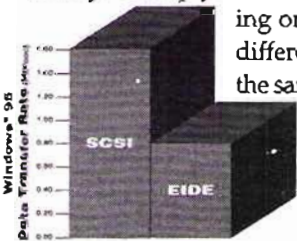
TEL 817-336-7261
METRO 214-445-6585
FAX 817-332-2471

WOULD YOU ASK YOUR PC TO DO ANYTHING LESS?



Without a SCSI Connection, True Multitasking Isn't Possible.

The theory goes something like this: If you keep your PC busy working on a bunch of different tasks, at the same time, you will end up with a lot more done by the end of the day.



Measure the multitasking performance difference for yourself.

Unfortunately, the theory falls apart when you begin adding the kinds of peripherals you need for multimedia, desktop publishing or any other application you could dream up.

You see, multitasking with multiple peripherals requires SCSI. With SCSI, your PC can perform multiple tasks simultaneously. Like playing a CD-ROM game while downloading Internet files.

For a free buyer's guide and a free CD-ROM tour of Adaptec EZ-SCSI peripheral management software, call 1-800-804-8886 ext. 0080 today*. Or visit our World Wide Web home page at www.adaptec.com. We'll have you multitasking with one hand tied behind your back in no time.

adaptec

Seagate's Tape•Stor 8000^{MB} Blazing Speed, 8G Capacity & Quiet

by Reagan Andrews

Think I've been down this trail before.

Last September to be exact, when I reviewed the (then) Conner *Tape•Stor 4000* tape drive and was very enthusiastic about its capabilities. Since then, Seagate has acquired Conner and has released the new *Tape•Stor 8000^{MB}* with increased backup speed and compressed capacity of 8G using the new Travan TR4 (QIC 3095) tape cartridges.

Seagate's new tape drive is faster and bigger, but retains the quietness that marked the Conner drive. I initially saw this drive at Comdex/FALL '95 and was very impressed.

Took until July to actually get my hands on one, and until August before I could really test it in its targeted configuration, i.e., in *Windows 95* and *Windows NT 4.0*.

PREZ SEZ... CTD.

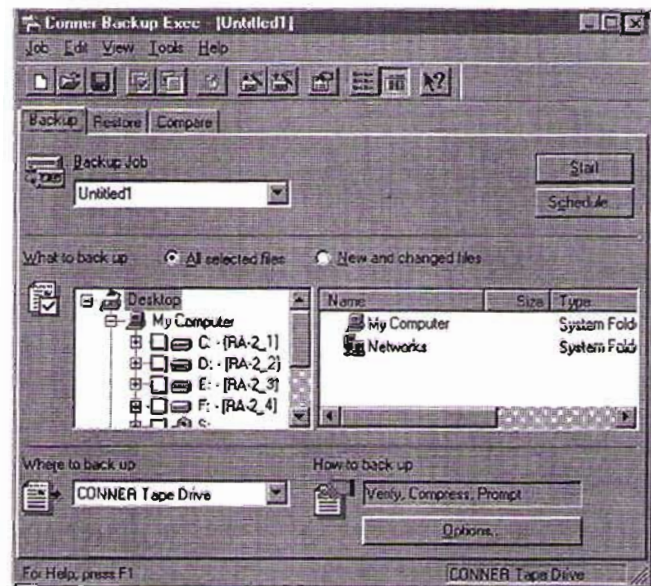
not-so-good, computer videos on the market. The NTPCUG Board and Officers are formulating a plan to have a room available for showing these videos continuously at our Saturday meeting. As in all other cases, volunteers are needed to schedule the tapes, run the equipment, and make sure the tapes do not walk off. If you would like to help, contact Marsha.

Welcome To A New Volunteer

With the retirement of our Advertising Director and Corel SIG Leader, Joann Elliott, to Florida, another brave soul stepped forward to take on the Advertising Director position. Welcome to Rob Alschbach. The help is truly appreciated.

5-1/4" Floppies

A member (we will assume he was a member, but we did not check) became irritated in July. I could just stop there, but then it wouldn't be news. The member wanted the Disk of the Month group to stock all of the software on 5-1/4" diskettes, because he had an old machine that did not accept the 3-1/2" disks. Our DOM Grand Wizard, Jan Parkhill, explained the economics of us trying to support the old technology. I hope Jan was suc-



Bloated Win Apps Create Need...

Windows 95 and Windows NT (actually the software written for them) are responsible for creating a need for so much capacity. I had to move from a 1G drive to 2.1G on my production PC, to 1.6G on the backup PC and will install an additional 540M on Connie's PC to accommodate the huge software packages we are seeing lately.

Examples — *Corel Ventura 7.0* (reportedly) takes 140M, *A&L Express* takes 74M and *Microsoft Office 95* another 120M with all the bells and whistles. That's before taking into account space for all the graphics files and text files.

And, I still want to be able to do a full backup of all the machines in one pass and on a single tape.

successful in his explanation. I know that I have not used a 5-1/4" floppy in almost two years.

Good News and Apologies

The Charity Haul-Off in August went real well. We collected \$125 in donations to the Dallas Computer Literacy Program, and a lot of people got great bargains on garage sale stuff. Many thanks to the volunteers who helped with this event.

My apologies go to the occupants of Suite 4060 at the Infomart. It was my mistake in printing the wrong room number to the newsletter. They finally put up a sign stating that they were not the Charity Garage Sale.

Andy

'Seagate' Drive Really a 'Conner'

Seagate drive itself is mostly identical to the Conner drive. It should be — drive I received from Seagate was marked as a Conner unit. It is also backward compatible and will read and write to the 4G QIC 3080XLF tapes as well as the new 8G TR4 tapes.

The new drive came with the usual DOS, Windows 3.1 and *Windows 95 Backup Exec* backup software written by Arcada (now part of Seagate). Seagate also included a copy of Backup Exec for Win-

dows NT which I requested for the review. The NT review will come next month since its a somewhat more complex package.

SCSI cable and Seagate drive installation manual were also packed in the drive box. The drive itself is a SCSI-II (Fast) device and was installed in 10 minutes in a 486DX2 66 PC with 32M DRAM, an Adaptec 2842A VL SCSI-II controller and a Micropolis 2.1G hard disk.

Only mechanical adjustment to drive necessary was assigning the appropriate SCSI device number and making sure the device was not terminated. Users who aren't "sold" on SCSI can also find EIDE versions of the 8G Seagate drive.

Software Installation Easy

Software installation went flawlessly from the included disks. Only hitch was installing for Windows 95 and that was solved by downloading the upgrade patch for *Conner Backup Exec for Windows 95 1.1* from the Seagate Web site. DOS and Windows 3.11 were tested first in their default backup settings. If you "know" one of these software packages, you pretty well know both of them. Exception was the version for Windows 95 which employs a set of 'Wizards' which speed/simplify the backup and restore processes.

Arcada's Windows NT package is another exception. It comes on a CD-ROM, has a number of capabilities lacking in the DOS, Windows 3.1 and Windows 95 packages and will be covered next month when I do the second part of this story.

Blazing Speed in Win 3.1 & DOS Versions...

Performance was exemplary. Seagate advertises "60M/minute" capabilities for the drive and I saw 29.5M and 30M/minute rates on my setup. I really didn't expect the advertised rates on this machine. Software was used at its "default" settings meaning software compression algorithms (Stac) which are somewhat CPU-bound.

CNA / CNE NetWare® Training

Will open doors

What certification means to you...

Job Advancement Job Security
Higher Credibility New Career
Higher Pay

in LESS than 12 WEEKS

Day / Evening / Saturday - Classes

TMC Technology, Inc.

13500 Midway Road Suite 403
Midway at Alpha just No. of LBJ
Dallas, TX 75244 214-774-0052

A Proprietary School
Certified & Bonded by the Texas Education Agency

Blazing Speed... Ctd.

What I did see were backup rates approximately 30% faster than I saw in last year's review. Compare rates were considerably slower than those in backup mode — as expected, since the tape has to be rewound and slowed down to do the tasks. Seemed to display about same performance as last year's review efforts.

Speeds I saw were still very, very impressive and indicate Seagate has improved on the Stac algorithms and drive performance. To be able to backup 500M of programs and data in less than 17 minutes is impressive for a "home" PC system. Some of the performance degradation may be a function of the Windows for Workgroups transmission speeds, and the "older" 486DX2 66 CPU operations.

Windows 95 Test Unfair But Speed Still Impressive

Windows 95 version was run on a Cyrix 586/100 PC with 32M DRAM, but with a somewhat slower Adaptec 1542C ISA SCSI interface controller in non-bus master mode.

Since the ISA bus runs quite a bit slower than the VESA bus connecting the Adaptec 2842A controller, the speed differential was expected. Again, the Seagate drive performed — at approximately 15M/minute which was actually quite faster than I expected.

Given the parameters of the Win 95 setup, the performance of the Seagate drive was seen as quite good. Performance of any peripheral device is a combination of the PC bus attachment, the CPU speed, memory utilized and the parameters of the drive itself. The Seagate drive and software are no exception. They rely on software compression algorithms as a major part of their functioning and these are greatly influenced by the CPU speed, DRAM and bus speed.

There were a lot of parameters against the Seagate in this setup. It was placed in an external chassis with a second CD-ROM drive, and connected to a somewhat obsolete controller connected to a "slow" ISA bus. You may have seen result of the external drive setup in last September's review — but without the drive installed. Illustration used in the 1995 review was made from a screen shot taken after the drive was removed and returned to the main PC setup. This month's illustration is "for real." All in all, I was delighted at the speed the drive did display in this setup.

SCSI Easy — EIDE... Maybe

Users who are already into SCSI probably can't go wrong with the Seagate drive. Users contemplating purchase of the EIDE Seagate drive will have to look carefully at their systems and determine whether the drive can be brought into their systems gracefully. If there's already a "full-house," i.e. they have the maximum number of EIDE devices installed, SCSI may be the only way to go.

Price of the drive is somewhat in question at time of this writing. Unit I tested should be somewhere in the \$450 range from local sources, but may be somewhat less given the intense competition in the tape drive market now. If you need ability to back up 4G native or 8G compressed (approx.) in a single pass, the Seagate drive is tops in the field. DAT is a lot more expensive at time of this writing.

Next month, I'll conclude with a look at the Seagate drive and Arcada/Seagate software running under Windows NT

Reagan Andrews

RAMP UP YOUR INTERNET ACCESS

As Low As

\$39

PER MONTH

ISDN

CALL TODAY: 214.672.RAMP OR

CHECK US OUT ONLINE AT <http://www.onramp.net>



ONRAMP
TECHNOLOGIES

1950 Stemmons Freeway Suite 3042 - INFOMART Dallas TX 75207

Windows NT 4.0 and 32-Bit 'Code Bloat' Drive DRAM And Big Disk Sales

On Complexity

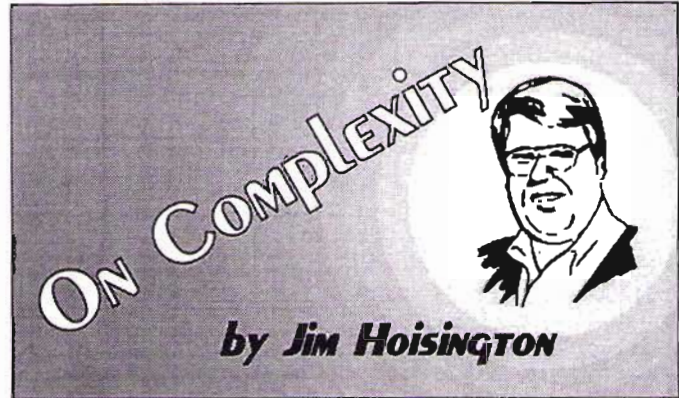
No. 80 in a Series

Have you noticed the serendipitous relationship between our operating systems and the cost of hard drives and RAM? If the prices weren't dropping, we couldn't afford the drives on which to install our operating systems nor the RAM in which to run them.

I just finished installing the latest invocation of Windows NT and it is LARGE! I installed it from a CD-ROM and I can't imagine what it would be like to try to install it from floppies. Why is it so big?

Price of Intimacy...

The main reason it is so big is that it is much more intimately tied to hardware than were previous op-



erating systems. That means that there are lots and lots of drivers. To be able to handle all configurations, there are more *layers* of software between the actual hardware and the operating system.

Another reason that our PC operating systems are so big is that they do more. The only interface that MS DOS provided to the screen was a print text command. The programmer gave DOS a string of ASCII characters terminated by a "\$" and it started at the current cursor position and printed those characters until it found the "\$". No cursor positioning was provided and there was no way to print a "\$".

Lots of Services With Windows NT

On the other hand, Windows NT provides a host of services, like an E-Mail client, a limited word processor, etc.

Windows NT is a 32-bit operating system; DOS is a 16-bit operating system. That means that many of the things that only took 16 bits to do in DOS, now take 32 bits in NT. This leads to what programmers like to call "code bloat".

On-Line Help Files

Finally, like other modern operating systems, Windows NT comes with extensive help files. Remember, it wasn't until DOS version five that there were any on-line help files and they were limited to explaining the command line switches.

I have to admit that I like the features in NT. And, I'm sure glad that I can afford the machine to run it on.

Jim...

CASH OR CREDIT FOR YOUR USED COMPUTER & TECHNICAL BOOKS!

Top prices paid for select used computer and technical books!

- **CASH** - Receive top market rates!
- **CREDIT** - Receive 50% more than cash!

 **ProTech Books®**

YOUR COMPUTER & TECHNICAL BOOKSTORE

DALLAS

PRESTONWOOD CREEK, 5441 BELT LINE RD., 214/239-8324

ARLINGTON

3701 S. COOPER (BEHIND DON PABLOS), 817/557-6400

IRVING

4030 BELT LINE ROAD, 214/258-8324

SHOP OUR WEB SITE: <http://www.pro-tech.com>

CALL 1-800-WANT-A-BK

Modem Madness Strikes Usenet

[Editor's Note: The following was submitted to *The PC News* for members' enjoyment by Patrick Dryden, NTPCUG member and a Senior Editor for *ComputerWorld*. Patrick took it from a Usenet group and thought we might enjoy a different perspective on the PC. I ran it because I think it says a lot about modern marketing...]

XYZ feeds the global village

KABINDA, ZAIRE—In a move XYZ officers are hailing as a major step in the company's ongoing worldwide telecommunications revolution, M'wana Ndeti, a member of Zaire's Bantu tribe, used an XYZ global uplink network modem yesterday to crush a nut.

Ndeti, who spent 20 minutes trying to open the nut by hand, easily cracked it open by smashing it repeatedly with the powerful modem.

"I could not crush the nut by myself," said the 47-year-old Ndeti, who added the savory nut to a thick, peanut-based soup minutes later. "With XYZ's help, I was able to break it." Ndeti discovered the nut-breaking, 28.8 V.34 modem yesterday, when XYZ was shooting a commercial in his southwestern Zaire village. During a break in shooting, which shows African villagers eagerly teleconferencing via computer with Japanese schoolchildren, Ndeti snuck onto the set and took the modem, which he believed would serve well as a "smashing" utensil.

XYZ officials were not surprised the longtime computer giant was able to provide Ndeti with practical solutions to his everyday problems. "Our telecommunications systems offer people all over the world global networking solutions that fit their specific needs," said Etoine Shrdlu, XYZ's director of marketing. "Whether you're a nun cloistered in an Italian abbey or an Aborigine in Australia's

Vanity e-mail

Permanent Personal Portable

your.name@cowboys.com
Or maybe: bullrider@cowboys.com

Other Domains:

biker.com bar-b-q.com skydiver.com scubadiver.com
hangar.com depot.com motorpool.com dock.com

For Personal or Business Use

Vanity e-mail is Forwarded To Your Normal e-mail Address
1-(888) E-Mail AT (24 Hours) \$60 Annual Fee

<http://www.vanityemail.com>

Design Contest!

Win a free, one-year membership to the NTPCUG! Redesign the NTPCUG Tri-fold. Pick up a copy of the current one at the Information/Registration Booth, then, redesign it!



Submit your entries there or to any board members, or mail to the NTPCUG address shown on the back of this newsletter!

Good Luck!

Great Sandy Desert, XYZ has the ideas to get you where you want to go today."

According to Ndeti, of the modem's many powerful features, most impressive was its hard plastic casing, which easily sustained several minutes of vigorous pounding against a large stone. "I put the nut on a rock, and I hit it with the modem," Ndeti said. "The modem did not break. It is a good modem."

Ndeti was so impressed with the modem that he purchased a new, state-of-the-art XYZ workstation, complete with a PowerPC 601 microprocessor, a quad-speed internal CD-ROM drive and three 16-bit ethernet networking connectors. The tribesman has already made good use of the computer system, fashioning a gazelle trap out of its wires, a boat anchor out of the monitor and a crude but effective weapon from its mouse.

"This is a good computer," said Ndeti, carving up a just-captured gazelle with the computer's flat, sharp internal processing device. "I am using every part of it. I will cook this gazelle on the keyboard." Hours later, Ndeti capped off his delicious gazelle dinner by smoking the computer's 200-page owner's manual.

XYZ spokespeople praised Ndeti's choice of computers. "We are pleased that the Bantu people are turning to XYZ for their business needs," said company CEO George Spelvin. "From Kansas City to Kinshasa, XYZ is bringing the world closer together. Our cutting-edge technology is truly creating a global village."

DOM Disks Released In August

Note: All of these disks are distributed on 1.44M disk only

DOM Disks Released in August

Disk 1065. WASTE for Windows v1.5 - Hard Disk Cluster Diagnostics Utility

Disk 1066. Microsoft Excel Interactive Tutorials – From Microsoft's Website

Disk 1065. WASTE for Windows v1.5 - Hard Disk Cluster Diagnostics Utility.
Author: Joseph T. Glosz, Jr., Compuserve: 72633,1646, Internet: 72633.1646@compuserve.com, Phone: (619) 689-0500. Shareware fee: None (Freeware)

WASTE For Windows scans a specified disk and reports various numbers which help you decide how best to partition the disk. Specifically, it reports how much space is wasted due to the disk's cluster size.

Files on PC systems require a minimum file size. Let's say your disk uses 8K clusters. Now, even if the DIR command reports a file size for MYFILE.TXT of 2556 bytes, it will really take up 8,192 bytes of your hard drive space because that's the smallest "chunk" that DOS (or Windows) can allocate. (Let me state now, Windows NT is different.)

So, in this case scenario, 5,636 bytes of hard disk space is wasted! What IF you were able to reduce the cluster size to only 4 Kb (4096 bytes)? In that case, you would only be wasting 1540 bytes versus 5,636 bytes!

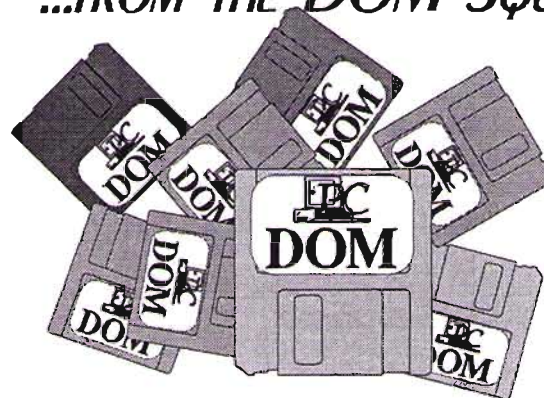
This kind of savings can really add up as we see more and more hard drives exceeding 1 Gigabyte as the common size on newly pur-

chased systems. On MY soon to be abandoned 345 MEG hard drive, I realize I am "wasting" a little over 32 MEGS of space because I have it partitioned as a single drive. For goodness sakes, my first hard drive was only 20 MEGS and was considered the wonder of the new world...now I'm "wasting" over 32 MEG of hard drive!! Wonder what

"recover" some valuable "missing in action" storage space on our hard disks.

Bonus: The author has included a nice utility called D.EXE that operates much like DOS's DIR /W command, but this utility is scrollable, colorized, super-fast and it sorts by Directory first, followed by files sorted by extension and filenames. Stick this nice bo-

New Disks ...from THE DOM SQUAD



By JAN PARKHILL

the damage assessment will be with my new 1.6 GIG hard drive?

In the past, there have been some discussions on the NTPCUG Bulletin Board system and in our SIG meetings about this subject. Now, the time has arrived for a software program to give you a helping hand; both in understanding this silent problem and pointing us in the right direction to

find it in your \BIN or \Utils directory for use later on.

SYSTEM REQUIREMENTS: IBM compatible, Windows 3.x, any size hard drive.

INSTALLATION: In Windows' Program Manager, select FILE menu, RUN. Type A:setup.exe in the command line and follow the instructions.

This software was downloaded for the North Texas PC Users Group.

This README prepared by Jan Parkhill, edited by Gene Carleton.

Disk 1066. Microsoft Excel Interactive Tutorials – From Microsoft's Website, Microsoft Excel Online Experience - Microsoft's website @ www.microsoft.com

AUTOFILT.ZIP - Auto Filter Sample: AutoFilter is a Microsoft Excel 95 feature that lets you view only those rows of a list in your spreadsheet that contain a specific entry. Learn how your business can use AutoFilter to find the specific information that you select from a large list of data.

PIVOTTBL.ZIP - PivotTable Sample: PivotTables is a powerful analysis tool. Using this interactive tutorial, you will be able to understand how to create this flexible analysis tool and also to summarize large data sets into easy to understand table format.

NAMES.ZIP - Defining Names Sample: It may be easier to use formulas or values throughout your workbook if they have descriptive names, for example, Sales or Profits. You may also find it easier to write complex formulas if parts of those formulas contain named, shorter formulas than other parts of your workbook. Learn how to apply names to your spreadsheet data.

OUTLINE.ZIP - Outline Sample: Outline provides you a simple way to summarize your detailed data vertically and horizontally. Learn how you can use Out-

Calling all ShareWare & FreeWare! Volunteer... And Get Paid for a Job Well Done!

Each month, the NTPCUG DOM (Disk of the Month) has an on-going need to find new shareware disks for the following month. The best way for this to happen is when our members VOLUNTEER to download new shareware programs. You may have found a new shareware program on a local BBS or the Internet, copied one from a CD-ROM disk you own, purchased a new disk from another shareware vendor or you may have a favorite shareware utility that makes your computing simpler each day.

VOLUNTEER to share it with us!!

Your NTPCUG is an organization founded and run with volunteer effort and spirit. What better way to support our Users Group than to volunteer to donate some shareware disks from time to time? Send one a month...or five! We encourage you to donate something each month; it's amazing what one or two donations can add up to over a month's time!! It takes so little time and we can use your assistance.

There are two easy ways to VOLUNTEER and deliver your shareware to the DOM. First, you can deliver your donation on an old disk and drop it off at the DOM booth during our monthly meeting date. (The DOM booth is located in the far right corner of the basement area during the computer vendor show.) If you prefer the "High Tech" method, you can attach a zipped shareware file to a private E-Mail message (put it to my attention) on the TBBS board and I will take it from there. This is an easy and enjoyable way to VOLUNTEER each month and it only takes a few minutes.

And, listen to this...!! Your name will be mentioned prominently in the README file, letting everyone know you made the software contribution. You also get bribed (read that as "paid") with a VOLUNTEER TOKEN good for any DOM disk of your choice! Don't forget to ask for your token...you've earned it.

README Help available

Furthermore, if you have a problem preparing a README file, don't despair...ask me for help and I'll pitch in to assist you! You don't have to be an author or technical writer!

Come on...pitch in...VOLUNTEER today! If you're new to our group and don't understand shareware, I especially look forward to speaking with YOU!!

Best regards,

Jan Parkhill
DOM Squad Leader
(214) 828-2216

DOM DISKS ...CONTINUED

lines to summarize your data.

SOLVER.EXE - Solver Sample: Solver looks at multiple variables and suggests a best or optimum solution. This interactive tutorial looks at various investment options to assist in working capital management.

CHARTING.ZIP - Charting Sample: Microsoft Excel charting function is a powerful, visual analysis tool. Using charting effectively can make a big difference in making sense of your numbers. This interactive tutorial will show you some of the simple ways to make your charts more informative and easy to read.

AUTOFMT.ZIP - Charting AutoFormat: It's easy to create impressive-looking charts by using AutoFormat. Learn how to quickly convert your existing charts into more powerful ones that will make an impact.

FUNCTION.EXE - Functions Sample: Functions make it easy for you to analyze data using built-in Formulas. Download this tutorial to find out how Functions can help you find the meaning behind your numbers.

SUBTOTS.ZIP - Subtotals Sample: Subtotals are another way to summarize your lists

of data vertically. You can get a detailed view or just the information that you need by expanding or collapsing your subtotals. Find out how to do this in this easy to use tutorial.

SCENARIO.EXE - Scenario Manager Sample: What-If analysis is typical in creating spreadsheet models. Scenario Manager helps you create multiple what-if assumptions that you can use to forecast the outcome of a worksheet model. This interactive tutorial will show you different ways that Scenario Manager can be used to perform various business scenarios.

This software was downloaded from Microsoft's Website by Mark Gruner.

This README prepared by Mark Gruner, edited by Gene Carleton.



COREL CORNER

With the current plethora of Corel products and Corel Web sites, the following list may provide a helpful Internet road map for Corel users or curious observers. We understand Corel still answers the telephone, so you also may refer to our box of Important Corel Addresses and Phone Numbers.

Corel Web Sites

Corel Corporation
www.corel.com

CorelNET!

www.corelnet.com

CorelDRAW! & Ventura User Site
www.enterprise.net/cvu

Corel Magazine

www.corelmag.com

VUEPoint Magazine

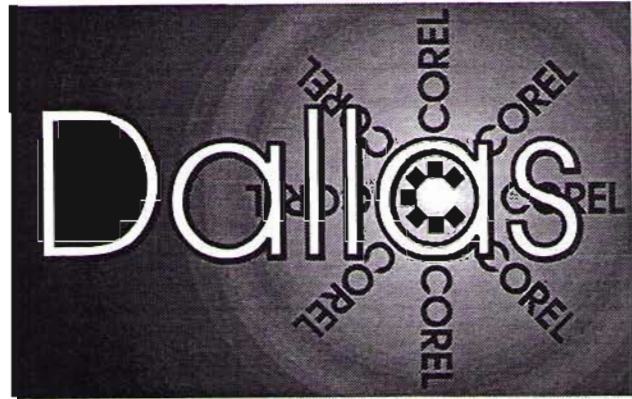
www.corelnet.com/corelnet/moderate/vue/webpage.htm

DTP Help & The Corel Room

<http://dtphelp.com>

CorelNET

Live Chat sessions - Corel, in conjunction with CorelNET, (<http://www.corelnet.com>) has scheduled an ongoing series of



Dallas Corel Is A SIG Of North Texas PC Users Group

live chat events on CorelNET, moderated by Chris Dickman.

More information, including participation details, can be found in the CorelNET Discussion Area at <http://www.corelnet.com/corelnet/talk.htm#global>.

DTP Help & The Corel Room

In celebration of the Internet 1996 World Exposition, DTP Help is inviting Web page creators and site owners to enter the First Annual International Corel Users WebPage contest. Details can be found at: <http://dtphelp.com/contest/index.html-ssi>.

Beta Information

For those of you interested in beta testing Corel's products or who possess a curious nature, please visit <http://eng.corel.com>.

Corel Customer Support

Please note: Customer support is no longer offered at custserve@corel.ca. Corel is now offering Customer Support via our Web site at: www.corel.com. Here, you can find up-to-date information on our entire line of Corel Products.

New Services:

- ❖ North American Customers can now place orders for current revisions and patches by completing the Web site order form.

- ❖ Browse or search our extensive library of high-quality Photo CD images.
- ❖ Download FREE Trial Copies of selected products.
- ❖ Search our Technical Knowledge Base and find full information about Corel Technical Support Services, answers to frequently asked technical questions, download technical documents and learn a variety of tips and tricks.

Magazine Specials

Corel Magazine is still offering 1/2 price advertisements and 1/2 price subscriptions to all User Group members. Questions pertaining to this offer should be directed to Dale Braune at (800) 856-0062 OR subscrip@jumpnet.com. Also User Group members can now save 10% on the cost of TAGline - the newsletter of the internationally recognized CorelDRAW and Ventura Users group.

<http://www.corel.com>

Corel's Web site has all the information anyone would want to know or need to know about Corel and its vast array of products and services. Below is a listing of direct addresses for some of the most frequently sought-after information:

- ❖ LATEST PRODUCT INFO: www.corel.com/products OR just click on "products" on the
- Continued on page 14.

IMPORTANT COREL ADDRESSES & PHONE NUMBERS

Corel Corporation
 1600 Carling Avenue,
 Ottawa, Ontario, Canada
 K1Z 8R7

- ❖ Technical Support Representatives800-818-1848
- ❖ G1 Release, CD-Rom only (latest "fixes" and patches for Corel products)800-772-6735
- ❖ Customer Service Representatives800-772-6735
- ❖ IVAN (Interactive Voice Answering Network).....613-728-1990
- ❖ 24 Hour Automated Fax System 613-728-0826 Ext.3080
- ❖ Technical Support hours are 4AM to 8PM (EST) excluding holidays

'Grandfather from Hell' Returns, Gates Smitten by Fetid Breath of Caldera and Netscape as Latest Attorney-Orgy Forms

Softbank Continues Expansion into DRAM

Gosh I'm glad to get back to 'Attorney vs. Attorney' Wars this month. For a while, it looked like the "dog days" of August had settled over the land, but Ray Noorda and Gary Reback saved the day for this column. *Ravening Hordes of Attorneys?* Seems like old times...

FIRST, A LITTLE BACKGROUND

Ray Noorda is majority holder of Caldera, Inc., stock. Caldera is a Utah-based software developer, best known (until recently) for their work with their UNIX networking software and the shareware version of *UNIX, Linux*. Mr. Noorda, formerly CEO of Novell, Inc., absolutely loathes and despises Bill Gates, CEO of Microsoft. Bad feelings between the two CEO's go back a number of years according to media sources.

That's where the fun begins.

'GRANDFATHER FROM HELL'? FOR A CHARMING, 70+ YEAR- OLD GENTLEMAN FROM UTAH?

Several media mavens credit Noorda's hatred of Gates for Novell's poorly-timed purchase of WordPerfect Corporation and Digital Research Inc. Story spread around the system was that Noorda dearly wanted to hurt/punish Gates in the DOS and applications arena.

According to same media sources, 'Grandfather from Hell' moniker for Noorda earned in the early days of the unremitting war between Microsoft and Novell. Source is unknown at this time, but has been rumored to have begun with comment from Microsoft CEO Gates.

Noorda hoped to challenge the Microsoft/Gates DOS hegemony with the DRI product, (at one time superior) DR DOS. Didn't work out that way for Novell or Noorda or Apple Computer Com-

pany or Sun Microsystems, or ... Microsoft clearly won. Noorda, et al., screamed it was "unfair business practices and monopolistic policies," not a superior product. Gary Reback, attorney, was heavily identified/involved in the press of "anonymous" anti-Microsoft communications arriving at the FTC on a daily basis.

NOT A ROMANTIC LIAISON?

I misjudged it all. I thought it was a couple of Microsoft and FTC attorneys using the Microsoft vs. The Entire Universe suit as a cover for a romantic liaison. That made a Hell of a lot more sense than what I read in the media — and was a lot more fun.

ENTER NETSCAPE & REBACK WHAT DO LICENSE AGREEMENTS REALLY MEAN TO USERS?

Here's where the fun starts. If you haven't noticed, Netscape has been running a number of ads that claim using *Windows NT 4.0 Workstation* with their

THE VARIETY STORE

A PERSONAL VIEW OF THE PC INDUSTRY,
NEW HARDWARE OPERATING SYSTEMS,
SOFTWARE AND APPLICATIONS

By REAGAN ANDREWS

(Netscape's) Net Servers is a lot cheaper than buying *Windows NT 4.0 Server* and using the Microsoft product. I agree, it is cheaper by \$300 to \$1,000. Microsoft also agrees, but feels this little evasion stomps all over their licensing rights. So, they (Microsoft) sued.

No Good Deed Goes Unpunished...

Microsoft listened to the screams of outraged *NT Workstation* beta testers and removed the code lim-

iting number of TCP/IP connections *NT Workstation* would allow. MS changed the Workstation licensing language to deny use of Workstation as a "Server." Netscape sees this as "monopolistic" and use of the Microsoft "muscle" to dominate the poor, unfortunate, (Netscape customers) who are being denied their rights by Microsoft.

Guess who the attorney leading the Netscape cause is? If you guessed Gary Reback, you definitely have been reading this column.

My Problems With NETSCAPE'S STAND...

I feel Microsoft is "Right" in this one. I hope Novell and a lot of network applications vendors agree, or they may really find themselves wondering "What Happened" if Netscape, Reback et al., prevail.

How would Novell feel if Microsoft developed and advertised a \$500 utility that would allow a 100-user NetWare network to accommodate 1000 users?

I can tell you there would be screams you could hear bouncing off the Moon and Mars from Orem, UT. They would be followed shortly by any applications vendor with per-user licensing standards for their products when used on networks if Microsoft released similar modules skirting/avoiding their user licensing code(s).

A NEW FLURRY AND ANOTHER FTC LETTER WRITING CAMPAIGN

Netscape, possibly goaded by Sun Microsystems, figured best defense was a good offense and loosed Gary Reback's letter-writing skills in direction of his favorite addressee — the Federal



Trade Commission. New flurry of Reback, et al., communications claim Microsoft's Web marketing tactics violate the landmark, 1994 antitrust settlement with the Justice Department according to *The Wall Street Journal's* Don Clark writing in the August 21, 1996 issue.

Microsoft described the charges as a "PR stunt," Clark wrote, and attributed the quote to Brad Chase, "a vice president of developer relations in Microsoft's Internet platform group."

Media Describe "Escalating Tensions" as Microsoft and Netscape Release Browsers

Both Microsoft and Netscape released "3.0" versions of their respective Internet browsers this month with both offering "free" additional services for using their products. Microsoft claims to have 1,000,000 copies of the free

Internet Explorer 3.0 downloaded since the software came out of beta in August and became available to the Internet public.

Netscape also released their *Navigator 3.0* in the period, but not "free" for downloading to all users as is the Microsoft product. Whether Netscape will continue to dominate with 80% of the browser market is in question.

Microsoft is a worthy competitor with resources Netscape can only dream about.

Internet Web Developers Feeling Out in the Cold As MS, Netscape Battle

Also, many Internet Web developers feel caught in the middle between the two standards. Netscape's *Java* implementations aren't all compatible with Microsoft's *Internet Explorer (IE)*.

The Systems Group, Inc. has achieved record growth and has been recognized as one of Dallas' Top 100 fastest growing companies for the third year. More importantly, we have demonstrated our ability to retain the quality employees that have joined TSG during this period. We have an impressive client base that is continually expanding and providing exciting career opportunities.

With three dynamic pay plans and a comprehensive benefits package to choose from, all of our consultants come out on top. If you are an IS professional with experience in any of the following areas, contact us today to be a part of our continued growth. We have development and support opportunities available in the following:

- Windows 3.1
- Windows 95
- Windows NT Workstation
- MS Office
- UNIX Administration
- OS/2
- Microsoft Networking
- Novell 3.x, 4.x
- Microsoft C
- Microsoft C++
- OLE/ODBC
- MS Visual C++/MFC
- MS Visual Basic 4.0
- MS Access
- MS SQL Server
- Internet - WEB
- Fox Pro

THE SYSTEMS GROUP, INC.

3030 LBJ Freeway, Suite 910, Dallas, Texas 75234

214-243-1020 800-969-4744 fax 214-243-3660

e-mail address: dallas@thesysgrp.com

Home Page: www.thesysgrp.com

MEMBER NACCB EOE/M/F/V/H

MICROSOFT SOLUTION PROVIDER

THE VARIETY STORE

Public acceptance of IE in significant numbers may restrain these developers' use of the more esoteric Java capabilities. Also, neither vendor is able to (or doesn't) support Java in versions of their browsers for Windows 3.1. That's a big share of the PC user community to ignore in light of Windows 95's slow start toward market dominance. If Win 95 takes off during the late Summer/early Fall as some media pundits predict, may make the battle very, very interesting to watch as we head into Comdex/FALL '96.

MEANWHILE... BIG PLAYERS BACK I-NET DEVELOPERS FOR NEW JAVA, ACTIVE X Aps

Is the Internet important? Ask IBM, Sun Microsystems, Inc., Compaq Computer Corp., US West, Inc., Tele-Communications, Inc., Netscape Communications Corp., and Oracle Corp. They form the latest consortium investing in venture funds to support start-ups developing Internet software — using the Java programming language developed by Sun Microsystems.

Did Microsoft GET THERE FIRST?

They're not the first. Microsoft is sponsoring a similar group to foster Internet start-up companies developing software based on ActiveX technology and got media attention somewhat before the IBM, et al. group. Both groups are racing to set the "real Internet Standards."

Question is who will benefit? My feeling is that standards help

everyone, especially the end user. I've dumped the Netscape browser for the Microsoft *Internet Explorer 3.0*. Why? It just feels "better" to me in use. I can find a number of other users who swear by the *Nescape Navigator 3.0* for the same reasons. I can even find some diehard NCSA *Mosaic* fanatics with the same feelings.

Will SCO GET "NET PC OS" OUT before MICROSOFT & SUN? A \$50 OPERATING SYSTEM?

Oracle claimed to be ready to do it, Netscape threatened to do it with *Java*, but Santa Cruz Operation (SCO) may actually release a "minimalist" UNIX-based Operating System (OS) for the "Net PC."

SCO feels they are close to release of such an OS which would be priced to the end user at approximately \$50, and be usable

on the minimal-configuration PC's intended for use strictly on the Internet.

If SCO is able to bring it off, they'll get a major jump on the competition. Lot of things may point their way now. Typical PC has 32-bit capabilities since the "lowest common denominator" is the 386DX CPU, DRAM is becoming cheap enough to foster a combination of ROM/DRAM which would allow operation without a hard disk for a low-level OS, and very good UNIX hackers can write really compact code if they wish.

Makes a somewhat interesting idea after all the hype from Oracle, Netscape and Sun Microsystems. Might bring SCO back to the forefront in the operating system game after the recent "beating" they've taken from Microsoft's Windows NT.

Reagan Andrews

pening screen.

☞ WEB MALL / PHOTO CD IMAGES FOR DOWNLOAD: <http://commerce.corel.com/> OR click on the "web mall" icon on the opening page

☞ PRESS RELEASES: www.corel.com/new OR click on "news" on the opening screen

☞ SERVICE & SUPPORT: www.corel.ca/support/ OR click on "service & support"

☞ PARTNERS & DEVELOPERS: www.corel.ca/partners_developers OR click on



"partners & developers" on the opening page

☞ FREE STUFF & FUN STUFF: www.corel.ca/freefunfantastic/ OR click on "free, fun and fantastic" on the opening page

☞ COMING SOON www.corel.ca/usergroups Here you will find User Group Program info, and links to other interesting sites!

Marsha Drebelbis

Selected SIG Reports . . .

News and meeting notes of Special Interest Groups

(Material for this column should be sent to NTPCUG BBS SIG Upload Area or to Connie Andrews, Special Interest Group Editor, before the 10th of the month)

Alpha 4 / 5 SIG

Everything does not always go as planned. The Beta of Alpha 5 v3 did not arrive until the middle of the week, and it was a little more ragged than I had expected. We put off the demo of this new Win95 developer's version, and had a question and answer session instead. Ken Brooks added his able assistance in responding to questions.

If you have not been to Alpha's home page (www.alphasoft-ware.com) lately, you should drop by. Alpha is doing a number of Internet-oriented applications. Alpha's WebMailer is available as a Beta download. This application does personalized bulk e-mail - call it e-mail merge. This is great for staying in touch with customers, etc. Alpha uses this to write to the Beta testers. Although I know it is a bulk e-mail, it looks better when I get a per-

sonalized e-mail from the chairman!

This month it is back to Alpha 4 for a look at an application that has been developed by Herman Glover over the last couple years. Herman is VP of Research and Mfg. of a company in the food industry. His application includes a lot of real-time inventory posting of the ingredients used in manufacturing. He has had many trials and tribulations in getting everything working the way he wants, so Herman will share his insights on the powerful posting field rules of Alpha.

As always, we are looking for people to give presentations. If you have a topic that might be of interest to the group, please let either Ron or me know.

Bill Parker and Ron Jackson

FROM THE SIG COORDINATOR

The following are changes/additions/needs that the NTPCUG has made to the SIG's.

Groups Looking for Help in Leading their SIGs:

- Networking [Contact Bernie Van Roekel @ (817) 451-4540 h; (817) 461-4120 w]
- Visual Basic [Contact Jim Carter @ (214) 235-5968 h]
- Dallas Corel [Contact Marsha Drebelbis (214) 951-0266]
- Hardware Solutions [Contact Charles Miller (903) 938-4220 h]

The requirements for forming a SIG are:

- Leadership** — at least one individual willing to lead the SIG, and 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 who might share your interests, please contact me at (214) 517-7430 (H) or (214) 527-0922 (W).

SPECIAL INTEREST GROUPS SIG LEADER LISTINGS

SIG Coordinator

Alex Lilley (214) 517-7430 h

Legend: h = Home #, w = Work #
M = Metro #

ACT!

Jim Thompson (817) 261-6159 h
..... (214) 953-0051 w
Deborah Bean..... (214) 475-7463 h
..... (214) 475-3124 w

Access

Larry Linson (817) 481-2350 hM
Jack Atkinson..... (817) 481-8623 h
Dianna DeCicco.. (214) 446-0639 h
Frank McCoy..... (817) 232-2483 h

Alpha 4 / 5

Ron Jackson (214) 276-3661 h
Bill Parker..... (214) 369-5889 h

Applications Developers (OLE & ODBC)

Larry Linson (817) 481-2350 h
Linda Moore..... (214) 342-8833
Vince Prehn (214) 880-0000
Dan Ogden..... (214) 556-0668 w

Assembly Language SIG

Frank Cavalitto.... (214) 423-9221 h

Business Applications/DAC

Putt Shaw..... (214) 235-2559 h
Bruce Schubert ... (214) 394-5328 h
..... (214) 233-8353 w

C++/Advanced

Kent Cobb..... (214) 343-3862 h
Tom Cook (214) 341-1890 w

C++/Beginning

Tom Cook (214) 341-1890 w

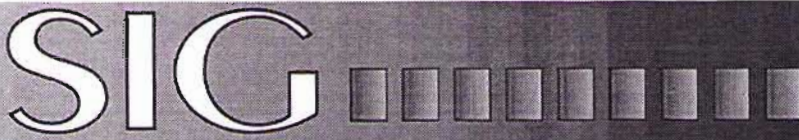
CAD

Bill Sephton..... (214) 296-1799 h
..... (214) 387-9500 w
Neil Culver (214) 690-6552 h
..... (214) 235-3031 w

Communications

Doug Gorrie (214) 618-8002 h
..... (214) 464-4568 w

SIG



ASSEMBLER SIG

Our August meeting featured a presentation by Frank Cavallito on UART programming. Despite the fact that some of the code was written in C, the talk was informative and well received.

Since our September meeting will coincide with a number of major conferences in Dallas, I am going to try see if some of the conference attendees might want to give a presentation to the Assembler SIG while they are in Dallas. In the event that I cannot

roundup a vendor presentation, we will have a presentation on RISC programming, including the increasing 'risciness' of the Intel 80x86 chips.

Hope to see you in September.

Frank Cavallito

C/C++/ADVANCED SIG

At the August meeting of the Advance C/C++ SIG, we continued our series on OLE automation and MFC. After a frantic 20 minutes of trying to get the projector plate to work (Hey! Don't blame me -- that's a hardware problem!), we went through the steps that are necessary to build an OLE automation server with AppWizard. After that, we stepped through the initialization code to examine the support that AppWizard and MFC build in for OLE automation. Along the way, we introduced the concept of a "class factory", and managed to thoroughly confuse all those who had not yet progressed to that state. The debate was lively, the questions

were insightful, and a good time was had by all.

At the end of the hour, we polled the audience to see if there was enough interest in OLE to continue. The response was generally positive, so I'll continue this series in September (and probably October) with a discussion of OLE interfaces. We'll dig a little deeper into the code, and build on the topics we covered in July and August.

Please join us!

Kent Cobb and Tom Cook

COMMUNICATIONS SIG

At our September meeting, we will be hosting Rudy Adame from GTE Intelligent Network Services. Rudy will be discussing his firm's Internet access. GTE is expected to become a nationwide provider in the near future, adding to the D/FW area coverage provided today. GTE also has 800 numbers for remote dial-in by travelers.

While GTE does very little advertising, the price for their ISP services is comparable to that of some of the *most* advertised Internet providers around. As with most providers, they make available the software and support necessary for your Internet connection. We will also hear about the equipment GTE has in place to provide Internet access.

Since ISDN (Integrated Services Digital Network) can significantly speed access to the Internet, we asked about the availability of ISDN within the GTE phone system. Rudy assured us ISDN is available wherever it is requested. In the near future, we anticipate

SIG LEADER LISTING

Legend: h = Home #, w = Work #
M = Metro #

Communications ... Ctd.

Birl Smith.....(214) 960-8227 h
.....(214) 220-9388 w

Dallas Core!

Marsha Drebels (214) 951-0266
Susan Biggs.....(214) 340-7794

DOS

Jim Hoisington(214) 416-3101 h
Reagan Andrews (214) 828-0699 h

Delphi

Fred Williams(214) 492-1315
Tom Browning.....(214) 692-9784 h
Frank Cavallito(214) 423-9221

Desktop Publishing

Mark Stuert.....(214) 528-5311 h

Emerging Computer Technologies

Dick Vedder(817) 481-6457 w
Lynn Peterson & . Walter Johnston

Fox Pro

Kevin White.....(214) 644-5008 w

Genealogy - General

Al Sanford.....(214) 278-7888 h

Genealogy - Brother's Keeper

Neil Sunderland ..(214) 272-2869 h

Genealogy - PAF

Joe Waldrop.....(817) 498-5856 h

Genealogy - Roots III / IV

John Wylie.....(214) 495-4410 h

Genealogy - The Master Genealogist

Jeri Steeie(214) 306-1596 h
.....(214) 917-3917 w

Graphics

Neal Berkowitz(214) 475-7463 h
.....(214) 475-3124 w

Hardware Solutions

Charles Miller(903) 938-4220 h
Ralph Beaver(817) 624-9530 h
Gary Johnson.....(214) 938-0344 h

Internet-Beginner

Tom O'Keefe.....(214) 247-8812 h
Doug Gorrie(214) 618-8002 h
.....(214) 464-4568 w
Erik Leaseburg....(817) 265-7550 hM

SIG LEADER LISTING

Legend: h = Home #, w = Work #
M = Metro #

Internet-Advanced

- Tom O'Keefe (214) 247-8812 h
- Doug Gorrie (214) 618-8002 h
- (214) 464-4568 w
- Erik Leaseburg ... (817) 265-7550 hM

Internet-WEB Developers

- Mark Camp (214) 583-9012
- David Maxwell (214) 977-7584 w
- (214) 299-6295 h

Introduction to the PC

- Alex Lilley (214) 517-7430 h
- (214) 527-0922 w
- Bob Russell (214) 422-4269 h

Investors

- Dick Richtman (214) 437-0322 h

MS Word for Windows

- Beverly Kurtin (817) 355-9594 hM
- Jan Patton (903) 886-6249 h
- (903) 886-6466 w
- Bob Rice (214) 885-0202 w

MS Works

- Ralph Logan (817) 498-9746 hM

Microsoft Networking

- Debbie Lenhart ... (214) 625-9680 h
- (214) 716-2704 w
- Bruce Wynn (214) 335-2507 h
- (214) 756-7832 w
- John McCrae
- Frank Drewes

MultiMedia

- Dennis Rice (214) 680-8299 h

Networking

- Leroy Tennison
- Francis Bright

OS/2 Developer

- James Dunn (214) 279-5712 h
- (214) 497-8978 w

OS/2 for End Users

- Bob Fermier (817) 481-6625 h
- (214) 444-2195 w

OS/2 Q&A

- Larry Truesdale .. (214) 684-4790

Paradox

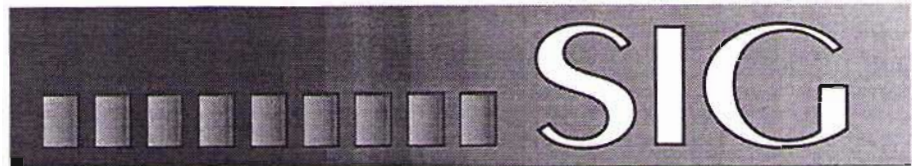
- Fred Williams (214) 492-1315 h
- Tom Browning (214) 692-9784 h

Programmers

- Jim Hoisington (214) 416-3101 h

QuickBooks

- Jim Thompson (817) 261-6159 h
- (214) 953-0051 w



other presentations about ISDN pricing and availability.

Come join us on September 14th!

Birl Smith & Doug Gorrie

Dallas Corel SIG

**September Program
- IMAGE EDITING**

At September's Dallas Corel SIG, you will learn advanced image editing techniques including masking, tone balance, effects, object layering and image manipulation. We will also touch on Kai's Power Tools. Randy Tobin's video on *Image Editing* will pick up where our July program on Power Scanning left off. All who attended in July will remember how helpful his scanning demonstration video tape was to us who are either new to scanning or who are veteran scanners.

In September Randy's videotape demonstrates editing principles used in imaging programs such as Corel PhotoPaint, Micrographx Picture Publisher and Adobe Photoshop. Mastering these basics will free you to enjoy the creative potential of your graphics software and today's powerful computers.

Randy makes learning fun and easy! Join us in September.

August Meeting in Review

Many thanks to Judy Loper, Wes Loper and Burt Loper of Art Design & Sign in Mesquite. In August they brought dozens of their wonderful artworks which they create by traditional means or in Corel and other software applications.

Easels mounted with gorgeous colorful examples greeted attendees as they entered the room. The Lopers often output their work on an Encad NovaJet II, with results up to 36 inches by 7 feet in size. Steeped in a background of traditional fine art printmaking, they shared their experience with inks and papers and their new techniques. They have adapted the traditional with the new technologies to create fine art prints of their own work. They can serve other artists as well. What an inspiration in how to use current technology to make our own visions into art work of real beauty!

SIG members Dick Trankle, Ed Ellis and Dick Blair shared the results of their tests of various papers on different type desktop printers (inkjet and thermal). They passed the samples among the audience so each person could choose a preference and plan which type paper and which ink settings best suit their needs. Thanks, guys, for conducting this experiment. We all learned something!

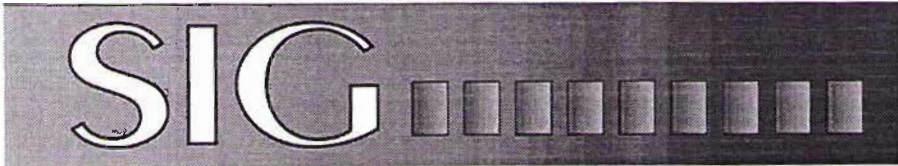
A Year of Programs at Dallas Corel SIG

-1995-

- ❖ September - Web Terminology and Applications Explained



Dallas Corel is A SIG Of North Texas PC Users Group



- ❖ October - Demonstrations of Corel's Lens Feature and of PhotoPaint
- ❖ November - Internet Surfing Demonstration Online
- ❖ December - "Tubular" Demonstration in CorelDRAW 5

-1996-

- ❖ January - Poster Artwork Created Using Corel
- ❖ February - Tips and Tricks Demonstration on Corel 5
- ❖ March - Windows 95 and CorelDRAW 6 Demonstration
- ❖ April - Epilog Graphics Engraver Etches Corel Designs
- ❖ May - SIG Members Showcase Their Work
- ❖ June - CorelDRAW 6's "Other" Modules Demonstrated
- ❖ July - Power Scanning Instruction

- ❖ August - Fine Art and Corel
Marsha Drebelbis

TIPS & TRICKS

Need to create a presentation quickly in CorelSHOW? For those of us with little time to learn the CorelSHOW module, but who are already facile with CorelDRAW, just compose each slide's artwork in CorelDRAW. Then open CorelMOSAIC and simply drag and drop each completed slide from DRAW to SHOW and voilà! Your SHOW presentation is ready to go.

Judy Loper

Delphi SIG

A strange thing is occurring before your very eyes. I am actually writing this SIG note after the August SIG meeting has occurred. If you weren't there for the meeting, you missed a good one.

Tom Ollar, from Digital-Metaphors, a local company with offices at Infomart, did an excellent job of showing off his company's flagship product, *Piparti*. *Piparti* is a slick VCL which provides report design and printing for a Delphi application.

Piparti, as demoed was pretty impressive, but Tom indicated that Digital-Metaphors was working full tilt, incorporating user requested features. The next major release will optionally provide stand-alone report design and printing functionality for the end user in addition to current VCL capabilities.

Tom said they have been averaging "slip stream" upgrades every two weeks since initial product re-

IMPORTANT COREL ADDRESSES & PHONE NUMBERS

Corel Corporation
1600 Carling Avenue,
Ottawa, Ontario, Canada
K1Z 8R7

- ❖ Technical Support Representatives 800-818-1848
- ❖ G1 Release, CD-Rom only (latest "fixes" and patches for Corel products) 800-772-6735
- ❖ Customer Service Representatives 800-772-6735
- ❖ IVAN (Interactive Voice Answering Network) 613-728-1990
- ❖ 24 Hour Automated Fax System 613-728-0826 Ext.3080
- ❖ Technical Support hours are 4AM to 8PM (EST) excluding holidays
- ❖ To obtain our catalogue please request document #2000

SIG LEADER LISTING CONTINUED ...

Legend: h = Home #, w = Work #
M = Metro #

Quicken

- W. L. Harris(214) 291-7616 h
-(214) 462-3676 w
- Phil Faulkner(214) 239-0561 h
-(214) 819-4446 w

Spreadsheet/Spre.Dev

- Mark Gruner(214) 964-8174 h
-(214) 605-8447 w
- Adam Peterson.....(214) 682-0725 h
-(214) 864-2760 w

SQL Server

- Ada Finigan
- Steven DeSalvo.....(214) 716-2684
- John Penaska.....(214) 431-3979
- Erin Welker.....(214) 462-6033

StarText SIG

- Chuck Mencke.....(817) 496-6579 h
- Jim Boughton(817) 478-6665 h
-(817) 265-8044 w

UNIX

- Pay Hykonen
- Doug Scott.....(817) 261-4653 hM
-(817) 878-0367 wM

Visual Basic — Beginning

- Jim Carter.....(214) 235-5968 h

Visual Basic

- Ed Diehl.....(214) 687-9043 w
- Jim Carter.....(214) 235-5968 h

Windows - Applications

- Neal Berkowitz(214) 475-7463 h
-(214) 475-3124 w
- Deborah Bean(214) 475-7463 h
-(214) 475-3124 w

Windows - Developers

- Art English.....(214) 618-1266 h
-(214) 232-3310 w

WordPerfect / DOS

- Dawn Hopkins(214) 613-8815 h
-(214) 740-8085 w

WordPerfect / Windows

- Cindy Adams.....(817) 481-1300 wM

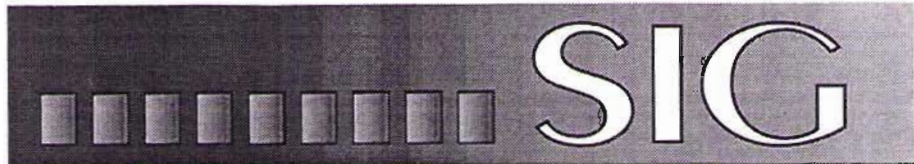
lease. Internet e-mail distribution is the preferred method of update delivery and all updates between major numbered releases are free to the registered users. Since Piparti is early in the development cycle and the company is small, response to user feature and function requests is excellent.

Tom has promised to return and do another demo of Piparti when the next major release is ready. We have promised to have Delphi 2 and a working copy of the IDAPI installed next time. Hum, strange things seem to happen to the SIG computer during the month between meetings.

Again today, at the meeting, somebody asked me about *Youseful*. For the September meeting I plan on bringing in the demo version, and for the formal presentation, build an install disk for a simple project. I have found *Youseful*, an excellent shareware product, all that is needed to build robust install disk sets. *Youseful* can be used to build any required install disk set, not just Delphi applications.

There was some discussion of news group rumors circulating about Delphi 3.0. Seems rumor has it that the 3.0 release will allow developers to optionally build companion DLL's for delivery with multiple .EXE projects. This feature is intended to greatly reduce the total size of the individual compiled Delphi deliverables. All "common" functionality can be incorporated into a single set of DLL's which would then be delivered with a completed project.

This new feature would allow a large project to be more easily broken into individual functional modules, rather than building a giant single .EXE. Or, worse yet, having to deliver several unnecessarily "bloated" .EXE's.



Come on by and see what else is happening next month.

Fred Williams

DOS SIG

So, where do you go for DOS support? Remember, I'm using "DOS" as a generic term. I'm including *MS-DOS*, *PC-DOS*, *DR DOS*, *Windows 95*, *Windows NT*, *OS/2*, *UNIX* and *Linux* under the generic umbrella.

First recommendation has to be (for NTPCUG members) the respective Special Interest Groups (SIGs) in the *PC News* section you are reading now, and the *User-to-User* listings on the last two pages of this publication.

Second suggestion would be the Internet support sites of the major DOS vendors. Not Microsoft if you are using *PC-DOS* or *DR DOS*! *PC DOS* is supported by IBM and *DR DOS* is a question mark (?) of sorts. You can still find some FAQ's (Frequently-Asked Questions) and help files on the Novell Web site. Since Caldera's (Ray Noorda) purchased *DR DOS* from Novell — and began suing Microsoft — you might look at their Web site for some answers to some *DR DOS* questions.

On the Internet, turn your browser toward <http://www.ntpcug.org>, go to the DOS SIG page and click on one of the highlighted vendors. I set the links to each vendor's DOS support area. SCO (Santa Cruz Operation) for *UNIX* could also be joined by Caldera for *Linux* and *WABI* by the time you read this in the *PC News*. More adventurous net fanatics can hit their DOS-specific newsgroups on usenet. No matter how obscure your DOS, I can assure

you there will be a newsgroup with postings from other users.

However, if you are having DOS-level problems, you may not be able to get to the respective Web sites mentioned. That means you'll have to use the telephone for its intended purpose — actually talking to another human being. Tech Support telephone numbers should be listed in your DOS user manual or be included in the registration material you received with the DOS package. I plan to upgrade the DOS SIG page at the NTPCUG site and will try to include technical support listings for as many DOS vendors as we can find.

Lots of luck! Most vendors have eliminated any sort of "free" end-user support for "older" products such as a DOS. A little "brass" and a lot of persistence may do the trick though.

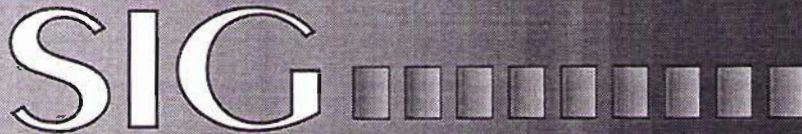
Reagan Andrews

INTERNET SIG - BEGINNING

At our August meeting, we had Kevin Chenette of Netscape Corporation give us a tour of Netscape Corporation and their browser, Network Navigator. We discussed licensing, features and options, and demonstrated the product. Our thanks to Kevin.

In September, Mark Camp has agreed to demonstrate and explain how Windows 95's Dial-up Networking feature can be used to connect to your Internet Service Provider (ISP). Win95 has that ability, but setting it up and using it can be perplexing, so Mark will clarify that process. We also understand that prior to the September meeting, Microsoft will re-

SIG



lease Service Pack 2, which will contain several badly needed enhancements to Dial-up Networking. For anyone using dial out, this will be a much needed enhancement

Perhaps in October, we plan to cover the various search "engines" available on the Net. Search tools enable users to find the Internet sites containing desired information, but their use can be a little tricky. Any new user will benefit from doing searches, because they answer the question of "What is on the Net of interest to me?".

We had an interesting discussion with member **Kiff Barnes** about developing an ongoing, generally recurring Internet Basics curriculum. Given the continual influx of Internet "newbies", this appears to be an excellent idea. More later on how this develops. Thanks to Kiff for volunteering to help.

This SIG's primary purpose is to explain the Internet to those unfamiliar with it. This includes such things as how to choose and access an Internet Service Provider (ISP), what software options are available, hardware needed, and what all those acronyms and buzzwords really mean.

See you September 14th!

*Doug Gorrie, Tom O'Keefe &
Erik Leaseburg*

INTRODUCTION TO THE PC SIG

The following is the tentative schedule for SIG classes that will be offered as an Introduction to the PC during the next listed months. Classes can be taken in any order suitable to the individ-

ual student's schedule. Printed notes are provided during classes.

September 14, 1996

- ❖ 9:00 Viruses and Their Prevention

October 12, 1996

- ❖ 9:00 Class 1
Introduction to the SIG and the Personal Computer
- ❖ 10:00 Class 2
Working with Files & Directory Structures
- ❖ Noon Class 3
Disk Operating System (DOS) - Part I
- ❖ 1:00 Class 4
DOS - Part II

November 9, 1996

- ❖ 9:00 Class 5
Graphics for the PC
- ❖ 10:00 Class 6
Word Processors
- ❖ Noon Class 7
Spreadsheet Programs
- ❖ 1:00 Class 8
Other Software for the PC

December 14, 1996*

- ❖ 9:00 Class 9
Hardware for the PC
- ❖ 10:00 Class 10
Printers for the PC
- ❖ Noon Class 11
Overview of Quicken Accounting Software
- ❖ 1:00 Class 12
Modems & Telecommunications
- ❖ 2:00 Class 12a
NTPCUG Bulletin Board

System (BBS)

January, 1997*

- ❖ 9:00 Class 13
Overview of Microsoft Windows
- ❖ 10:00 Class 14
Overview of Multimedia Software & Hardware
- ❖ Noon Class 15
Disk of the Month (DOM)
- ❖ 1:00 Class 16
PC's Into the 21st Century

* These dates are subject to change. Check your *PC NEWS* and/or the NTPCUG BBS for corrected dates before the meetings.

Alex Lilley

MS Word for Windows SIG

Have you ever wondered what those five "grayed out" REC, MRK, EXT, OVR and WPH on the status bar meant? If you had been at last month's SIG meeting, you'd have unlocked the secrets of those and what they did. Stay "tuned" for this month's tip for a glimpse into what they are and what they can do.

We also took a good look at what's available in Tools, Macros, Organizer. In addition to being able to copy macros from one document template to another, we also looked briefly at AutoText and Toolbars. We never did get a chance to talk about Styles. Maybe we'll get a chance to do that next month.

Speaking of next month, we'll probably have an open Q and A session. Bring your Word questions and Janet and I will do our best to field them.

Tip of the Month:

REC, MRK, EXT, OVR and WPH, even though they're "grayed out" on the status bar, actually do have

a reason for being there. Double-click on the REC and the Record Macro dialog box appears. By giving the macro a name and clicking on Toolbars, Menus or Keyboard, you can record a macro and, at the same time, assign it to a toolbar button, menu item or keyboard shortcut.

Take on MRK and you'll be set to mark Revisions, Compare Versions, and even Merge Revisions. This is a function that legal folks use, but if you've ever had two documents you wanted to compare, this feature will bear some investigating.

EXT turns the extended selection on or off. One of the lesser known functions, it's one of the best for doing some selections. This function can also be turned on by pressing the F8 function key.

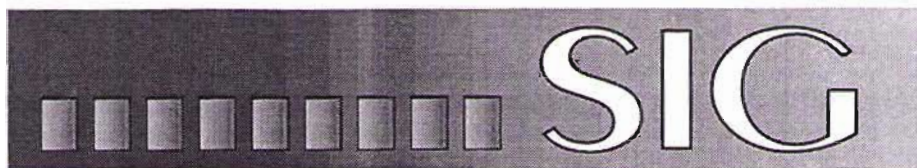
Here's something for you to try. Type a tilde (~) at some place in a document. Double-click EXT or press F8. Then type the tilde character. Neat stuff, huh?

Try turning the feature on, then press the down arrow. Works the same as pressing Shift+down arrow.

There are several other things you can do with this very under-used function. Try playing around with it and see what you can do just for the grins of it.

The OVR function is identical to pressing the Insert key on your keyboard. It just over writes anything that gets in the way of the insertion point.

Finally, WPH. If you see WP in the last area on your status bar, it means that you have both WordPerfect Help and Navigation Keys for WordPerfect users turned on. If you see WPN, you have WP help turned off and Navigation turned on, and if you see WPH darkened, you have Help for WordPerfect users turned on, but Navigation turned off.



TURN THEM ALL OFF! From the Tools menu, select Options, then General. Turn off the second and third options. You will not be able to use all of the functions of Word if you do not turn WP help off.

If you ever need WordPerfect help, then double-click on the grayed-out WPH and the help you seek will come into view. Much of the help is incorrect because the writers did not understand how WordPerfect worked, but it's better than no guidance at all.

Speaking of guidance, some graphical help for WordPerfect users is now available on Microsoft's home page. Try <http://www.microsoft.com>. Select the Support key. Then choose Word, Hanging Indents for a complete discussion of how to set hanging indents.

For a more complete selection of help topics, try <http://www.microsoft.com/mswordsupport>. The articles "Hanging Indents" and "Create Labels Using WordPerfect Label Document" were written by a member of NTPCUG (who happens to be the MS Word SIG leader).

Pardon my boasting, but those are the vanguard of what I hope will become a graphical knowledge base that will instruct as well as inform.

Speaking of informing, because of my physical condition I am not in a position to do very much more than tell what I hope to be able to accomplish. But if my present burst of energy lasts, I will be starting a new column on startext.net that will cover topics we have reviewed during the SIG time.

I've sat in on SIGs and know how exciting something can seem only

to get home to find that I've forgotten what it was that I had made a mental note NOT to forget. The road to the theological place of eternal punishment is paved with intentions of that sort. So I'm going to try to have a new graphics-rich (that means it's going to run slow, folks) column about Word 6 & 7.

The first column should be up by the time you read this article.

Now why doesn't NTPCUG have room on their site for columns like that? (Hint, Reagan, hint.)

Beverly Kurtin & Janet Patton

MICROSOFT NETWORKING SIG

Catch-Up Time!!!! Love NT Server and Workstation? Think the integration between Microsoft's Network Operating System and the other BackOffice Products is excellent? Or don't know? Come on down at 8:00 in the morning to the Microsoft Networking SIG.

This last month, the topic was Internet Information Server (IIS), the WEB HTTP Server that comes free off www.microsoft.com. I discussed how to install and configure the Server through the Internet Service Manager. In July, Bob Childress of TI did an excellent job of leading the SIG with a discussion of new features in Systems Management Server. In June, I discussed Directory Services directions upcoming in NT version 5, including the architectural design of using DNS, X.500-ness coming from Exchange, and NTFS file system extensions. May, we covered the Internet/Intranet directions inherent with the product, including a demonstration of *Nashville*, which will run on both Windows 95 and NT.

SIG

Have a new co-leader for next month. Frank Drewes of Service Point Advantage (previously known as Product Support Services). He will be discussing Top-Ten troubleshooting questions/is-

sues for NT for the September meeting.

Refreshing you on the other leaders- all of us work for Microsoft and like the opportunity to share information which is cutting-

ATTENTION ALL SIG LEADERS!

We want your SIG notes. It's important that NTPCUG members know what your SIG has done and will be doing at your meetings and presentations. But, you must get them to the *PC News* before they can be printed in the newsletter. The best way is via the NTPCUG BBS.

It's easy and quick. After you have written your SIG note, sign it at the bottom and give it a file name that will help the editors know what it is. A good naming convention would be four letters identifying your SIG, date of publication and followed by .SIG suffix.

Once you log on to the NTPCUG BBS, here's the procedure:

- ❖ From the BBS Main Menu, select "F" — (F)ile Up/Download. That will take you to the NTPCUG Up/Download Menu.
- ❖ Select "I" — S(I)G Happenings upload for newsletter, located in the Upload area in the bottom half of the screen.
- ❖ Then, select "S" to submit. You'll be asked for the 12 character filename which is DOS's familiar "8.3" naming convention, then you'll be asked to write a brief description of the file you are going to upload to the SIG area.
- ❖ Next the screen will show the name of the file you are uploading and the default file-transfer protocol. If you haven't selected a "default" protocol in the user menu, it will be X-Modem.
- ❖ At this point, you should give your communication software's upload command and select the file transmission protocol to match the one the BBS thinks you will use. The BBS will tell you when the transfer is completed.
- ❖ Most problems users experience are either a failure to match protocols, i.e., using Z-Modem to upload when the BBS expects X-Modem, or not having the file to be uploaded in the appropriate upload directory. Another source of difficulty (for mixed-use shops) is inadvertently sending a Macintosh file to a PC BBS or vice versa.

If you want to make doubly sure that your note gets to the *PC News* — after you've sent it to the SIG Upload Area — you can also include it as a (F)ile attached to a BBS E-mail message to me, Reagan Andrews. You might *also* post this on your SIG's BBS Conference area in addition to the above.

Reagan Andrews

edge, and each of us brings a different perspective to the group. Bruce Wynn, John McCrae, and I have been leading the SIG for the last three years. Bruce is a top-flight Exchange systems engineer solving problems and architectural/design issues in Service-Point Advantage. John has gone from being an excellent Windows95 engineer to being called upon to test the next version of Exchange in Bellevue for the next few months. Currently, my role is as a Systems Engineer in the Dallas Sales Office, where the Internet and BackOffice networking is my specialty, have also been in consulting and troubleshooter for LAN Manager and NT in PSS.

Of course, we have been very fortunate to have such a great attendance at the SIG, always a good crowd that early in the morning. Our focus remains to provide a forum to discuss NT and Windows 95 thoroughly, including interoperability with other networking operating systems, architectural design issues, troubleshooting, and internals. We always welcome suggestions for future topics, and try to include open Q&A sessions every 4-5 months. So come on down and join in!!!

*Debbie Lenhart
deborahl@microsoft.com*

PARADOX SIG

Er, ah, seems I missed the August meeting totally! I was involved with an ad hoc BBS conversion planning meeting with Microsoft personnel, and needed to take full advantage of all participants' "free" time while possible.

I did manage to swing by, better than halfway through the SIG meeting, to let Tom Browning know I was not there. I guess I tend to underestimate the cognitive powers of some of our brighter members! Actually, I managed a lame apology, and told Tom that I was off on yet an-

other NTPCUG administrative mission.

It appeared that Tom was once again holding forth with an excellent off-the-cuff presentation.

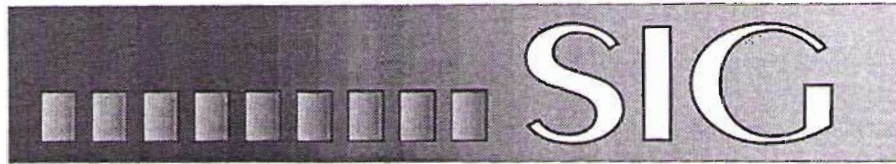
I would hope that my personal schedule will not be so intrusive this coming month. I am still interested in Paradox from an historical aspect, as I am still doing Paradox\DOS projects for a shrinking number of clients.

Actually, I am doing about as much Paradox work now as I did dBASE work, immediately after the "critical mass" was reached with Windows. I have also been observing a like scenario of steadily decreasing demand for Pdox-Win application development, following the introduction of Delphi.

I think it is wise to closely evaluate each new project or application implementation and determine if the user interactive aspects of Paradox are justification enough to merit use of Paradox in place of "more evolved" database application development environments.

I get no direct indication that Borland is still fully committed to Paradox, following the initial success of the Delphi launch. Borland, because of past mismanagement or whatever is to blame, has only a limited finite amount of deployable resources. I have got no good feeling that adequate resources are being devoted to the continuation of Paradox as a "flagship" Borland product.

Borland historically has placed past good performing products in "coasting" status (euphemism for new development termination), when market climates so indicate. I have recently read that Borland is "unhappy" and "surprised" with current market acceptance of Paradox. This does not bode well for Paradox, I fear.



We (NTPCUG) will continue to offer a Paradox SIG as long as there are a consistent five or more attendees at SIG meetings. So, if you have a vested interest in continuing with any version of Paradox, I would strongly recommend that you make a very serious effort to attend each future SIG meeting. The NTPCUG Paradox SIG is rapidly becoming one of an ever-shrinking number of Paradox support points remaining.

Fred Williams

Pro SIG

September is always old timers' month. The gray-haired and follicly-challenged programmers filled the room. Stories flowed about paper tape, keypunch cards with round holes and plug board wiring. Neil Bennett told the story of having to build a database in 1964 in Australia using only *ones* and *zeros*. Then Jim Hoisington told about building a database in 1963 using only *ones*.

Join us next month for a slide show of Electronic Accounting Machines.

Jim Hoisington

SQL SERVER SIG

So, you say. Microsoft applications peacefully co-exist with Microsoft applications. No news there. Excel can retrieve data from SQL Server — either different recordsets once in a while, or the same recordset using variables and stored procedures. Both of these are Microsoft products and you expect them to work well and easily together.

What about Borland? Can Delphi users get to SQL Server data-

bases? Join us at 9:00 Saturday morning to see the Delphi front-end one Harris Methodist Health Services group put on their SQL Server installation.

Ada Finigan

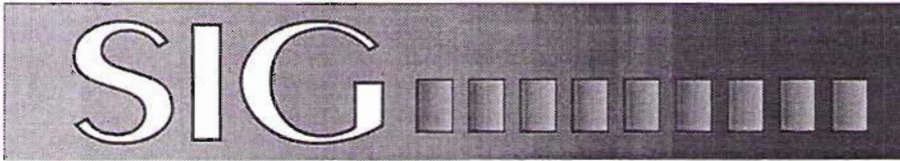
Visual Basic SIG . BEGINNING

This month's meeting of the Beginning Visual Basic SIG is scheduled for Saturday, September 14 and will feature the creation, debugging, and testing of a sample program called "A Mortgage Calculator". This program is described starting on page 168 of *The Visual Basic 4 for Windows Handbook* by Gary Cornell. If you like a challenge, there are bugs in the program as shown in the book and you might try to correct them before our meeting. Good Luck!

The August 10 meeting was our semi-annual meeting entitled *For Beginners Only* and emphasized the resources available to a beginning programmer in Visual Basic. This presentation is updated and given each August and February to help beginning programmers get started in Visual Basic.

The major topics included a brief history of Visual Basic, descriptions of resources available for beginners in Visual Basic, an introduction to the Windows environment, discussion of Visual Basic 4.0, and demonstration of the Visual Basic integrated development environment (IDE). Sample programs were run on the NTPCUG computer projection system.

Bring your questions on Beginning Visual Basic to our meeting



beginning at 8:00 AM on Saturday September 14, 1996. Check the Infomart lobby screens for the correct room assignment.

Jim Carter

Windows Developers

(Microsoft Visual C++/MFC SIG)

The Microsoft Visual C++/MFC meeting scheduled for Saturday, September 14th will introduce you to the MFC class library extensions developed by Stingray Software. Stingray software publishes MFC class library extensions that you can easily bolt on to MFC.

The Stingray Objective Grid++ is an MFC class library extension that implements a full featured grid control that is powerful but easy to implement. Their general purpose class library extension to MFC, SEC++, contains numerous classes that you can use to enhance your MFC applications. SEC++ includes classes for working with bitmap images (SECDib, SECGif, SECJpg, SECPcx, SECTga, and SECTiff), classes for extending and altering the MDI user interface, a CView zooming class, classes to implement Excel-like tabbed windows, and more. Stingray Software also has one of the best (if not the best) sites on the Internet that is devoted to MFC programming.

At last month's meeting in August we overviewed the Visual C++ Component Gallery. At this meeting we discussed how to add components to your Visual

C++ application using classes, ActiveX controls, and other components found in the Component Gallery. We also showed how to use Component Gallery to add functionality to your program such as splash screens, progress dialogs, right mouse-button menus, and ActiveX controls.

In October, I will be giving a very important class: "How to become a Microsoft Certified Solution Developer in Visual C++/MFC." At this meeting I will cover all the aspects of becoming a Microsoft Certified Professional such as: benefits, test-taking strategy, and study materials.

Remember to get the latest news on the Visual C++/MFC, check out the Digital Artistry web site at www.artistry.com. If you have questions about the Visual C++/MFC SIG or just need Visual C++/MFC technical help you can reach me at art@artistry.com or call (214) 232-3310.

Arthur English

WORDPERFECT / WINDOWS SIG

Integrate a graphics package such as Presentations or WordPerfect Draw into your documents. Create a logo. Scan your signature. Scan your logo. Let your child create a priceless memory in any one of the latest graphics packages! Create an organizational chart or family tree. The possibilities are endless! We'll be concentrating on creating as much as we can in the hour we have. We'll talk about some advantages Pres-

entations has over WordPerfect Draw, and see how easy creating a family tree is. Let's talk graphics!

Tip of the Month

Have you come from the old "DOS" world and everything works better with keystrokes? Never fear, most of us have been there and at times, keystrokes will always work faster. The following keystrokes can help you along every day!

- T+Ctrl New Document Template*
- U+Ctrl Attribute Underline*
- V+Ctrl..... Paste*
- V+Ctrl+Shift Paste Simple*
- W+Ctrl WordPerfect Characters*
- X+Ctrl..... Cut*
- Z+Ctrl+Shift Undelete*
- End+Ctrl Move to end of Doc*
- End+Ctrl+Shift
..... Select to end of Doc*
- Del Delete*
- Del+Shift..... Cut*
- Ins+Alt Row Insert*
- Del+Alt..... Table Delete Row*
- +Ctrl Hard Hyphen*
- +Ctrl+Shift Soft Hyphen*
- space bar +Ctrl..... Hard Space*
- and of course my personal favorite . . .*

Z+Ctrl.....Undo
Look forward to see you all there.
Hey - bring a friend this month!

Cindy Adams

Murphy, Again...

I think Murphy has shown up to help on yet another of my projects! The rest of July continued the rocky start, clear to the end. I am busier than I ever wanted to be, doing just a whole lot of things I never intended to do. But, y'all know how that goes.

Progress Nonetheless

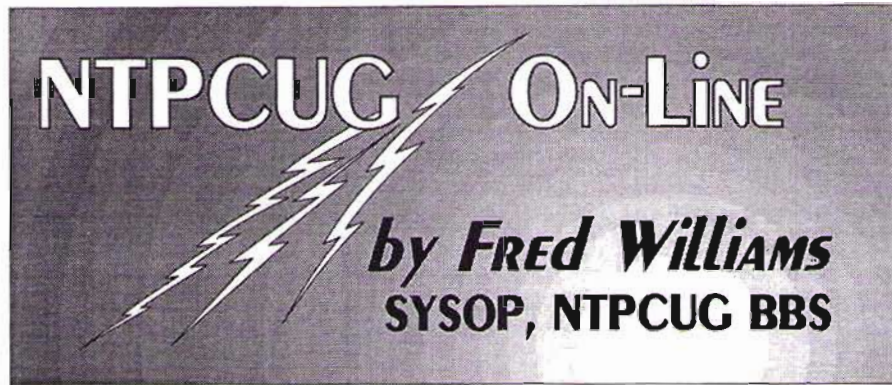
I did manage to get more NT Server project research done. I have also gone ahead and upgraded to NT 4.0 Server. It is just too much, more better. I also installed "Exchange Server" for the first time. I've done some initial poking around, and Exchange Server looks very strong. I still feel, with a little planning and configuration, most of our current BBS messaging needs will not only be replaced, but very much improved.

Although, I have not had adequate time to study all the connectivity and support software products which come packaged with NT Server, Exchange Server, Internet Information Server, and etc. I am also finding more and more third party software products which enhance and extend even more the functions supplied by Microsoft.

And just to top things off, I managed to win a copy of Microsoft "Front Page" at the recent Microsoft Internet road show stop here in Dallas. I am now becoming concerned over the hazards of being crushed under great sliding piles of jewel cases filled with CD-ROMs of every description. This pile includes a complete "Enterprise Edition" of Exchange Server, Microsoft Technet, Exchange Server Technical Resource CD-ROM, and, and, and ...

Fred's Personal Assistant

I'm thinking of finding me a "chanter" to follow me around with a laptop all day, intoning on-



line documentation in my ear. I see no other realistic way to absorb everything that has been flying my way in just the last month!

Microsoft Support

In spite of the information overload, I am very optimistic about the BBS' future. I had occasion to chat with Debbie Lenhart again today, and Microsoft is just championing at the bit to get the ball rolling. I'm hoping to schedule the first project planning meeting later the week of 8/10.

Hayes Donation

Birl Smith, of Communications SIG fame, said he thinks Hayes is very close to coming through with a promised donation of a Hayes 28.8 modem for the BBS. Great going Birl! He told me he is already working on an ISDN modem!

Why ISDN? Because with the added horsepower and connectivity we will gain with our new NT



Server, we will be able to eventually migrate the www.ntpcug.org Web site to our own BBS office and Web Server (retired Mail Muncher) machine.

By then, based on marketing information coming from Microsoft, we should be able to allow NTPCUG members to come in through their ISP and our Web site, or place a local phone call to the BBS using their new copy of Microsoft Internet-Windows Explorer as their network client.

Fred Leaves Jack Daniels Behind in Favor of Java

Of course all this is, to some extent, "smoke and mirrors" at this point, but Microsoft has managed to pull every forecasted rabbit out of the hat, so far. I may be doing the NT Server Log-on functions in Java Script sooner than I think.

Fred Rediscovered Jack Daniels in Anticipation of Headline

So if you don't see, "Carrollton computer weenie found crushed under stack of Microsoft CD-ROMs", in the "Dallas Morning Snooze", some time in August, we can all hope for the implementation schedule to hold.

So, get busy testing out that Microsoft Explorer 3.0 production release. Looks like you may be needing it sooner than later.

Fred Williams

INSIDE THE NORTH TEXAS PC USERS GROUP COMMUNITY

VOLUNTEERS IN ACTION



by Claude McClure

Anchors Aweigh!

One of the terms that seems to have become common usage is that of *Anchor* for the volunteers who are in charge of the Information Booth at the Infomart each meeting day. The word carries the feeling of stability and connotation of being a mainstay. Certainly the Anchors who serve the NTPCUG for their shift must have the attribute of leadership. We need those dedicated volunteers who take the baton from the previous Anchor and pass it on to the next. The Anchors handle all kinds of membership and administrative issues while maintaining a central place for messages, information and a quick strategy session when needed. It is a pleasure to provide the readers of this newsletter with their names.

These mainstays are presented in the hourly order of their service, from starting at 7:30 A.M. to closing at 3:00 P.M. They are: Hank Holt, Raymond Reyes, Bob McNeil, David Martin, John Ivers, Al Aston, Paul Williams, Eteta E. Eta, Cinda Lovil, Fred Toulmin, Carl Oehmann, Allan Harbaugh, Deborah Bean, Ned Keig, Albert Champon, Judy Griffiths, Foy Mills, Lorin Cranford and Ralph Beaver.

Thanks to the many volunteers who add so much value to our monthly meeting. They are a great bunch of people to know and work with. Many volunteers from our recent meeting are listed on this page.

Infomart Liaison

- Stuart Yarus
- Robert Hilliard
- Alex Lilley

**Vendor Setup/
Breakdown**

- Anchors:**
- David Slavik
 - Kenneth Berg
 - Ross Jones

- Crew:**
- Ken Burns
 - Larry Miller
 - William McRae
 - Kenneth Tillman
 - Neal Van Pelt

**Auditorium
Presentations**

- Timothy Carmichael
- Chris Jung
- Chris Carmichael

**Information/
Registration Booth**

- Statistician:**
- Connie Andrews
 - Ralph Beaver (Assistant)

- Scheduler:**
- Bob Wuller

- Anchors:**
- Al Aston
 - Ralph Beaver
 - Deborah Bean
 - Albert Champon
 - Lorin Cranford
 - Eteta Eta
 - Judy Griffiths

- Allan Harbaugh
- Hank Holt
- Cinda Lovil
- David Martin
- Bob McNeil
- Raymond Reyes
- Paul Williams

- Booth Crew:**
- Roger Bopp
 - Glynn Brooks
 - Randy Durham
 - James Gorak
 - Claude McClure
 - Ken Sauter
 - Fred Toulmin
 - Jean Waldrep

- Walkabout:**
- Linda Moore
 - Perry Slack

**Disk of the Month
(DOM)**

DOM Shift Supervisors:

- Joe Allen
- Roy Bales
- Don Chick
- James Donlon
- M. Pat Henley
- Arnold Krusemark

DOM Desk Crew:

- Richard Abreu
- Michael Ashley
- Douglas Athas
- Bernie Baars
- Richard Blair
- Jim Boyce
- Philip Bridge
- Linda Campbell
- Gene Carleton

- Norm Dang
- William Farris
- Brad Ficke
- Martin R. Gluck
- Edwin Griffin
- Jimmy Hurst
- Tom Jackson
- Tom Jones
- Mac McKeethen
- Mark Miller
- Nancy Ogden
- John Primm
- George Read
- Jim Russell-Redman
- Oscar Tyler
- Lee Williams

With Special Thanks to:

Set Up Crew:

- Mark Gruner
- Kent Haven
- M. Pat Henley
- David Huckabee
- Jan Parkhill
- Jerry Stone

**Inventory and Take-down
Crew:**

- Richard Blair
- Mark Christopher
- Brad Ficke
- Martin R. Gluck
- Arnold Krusemark
- DOM Desk Scheduler:
Philip Bridge
- Disk Production:
Gene Carleton

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:

Auditorium Presentations
Timothy Carmichael (214) 651-4626 (w)

DOM Booth Scheduler
Phil Bndge (214) 422-5400

DOM Software Review
Jan Parkhill (214) 828-2216 (h)(w)

Information Booth and General Information
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 agreed to answer questions that they are comfortable handling over the phone, without charge, and within

reasonable time limits (at the volunteer's discretion).

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. Please honor the wishes of our helpers by seeking help only during those hours.

SUBJECT	HELPER	PHONE	DAYS/HOURS	SUBJECT	HELPER	PHONE	DAYS/HOURS
Access				DR DOS			
	Ram Bhandari	(214)243-4056 h	M-F 1300-1700		Ralph Beaver.....	(817)336-0570	M-F 0800-1700
					.....	(817)624-9530	SS 0900-2100
Assembly Language				Hardware Help			
	Frank Cavallito	(214)423-9221	7 1800-2200		Charles Miller.....	(903)938-4220(*)	7 1900-2400
	Glynn Brooks.....	(214)578-8737	M-F 1700-2200				
BASIC				Internet - General			
	Mike Firth	(214)827-7734	7 0800-2200		Erik Leaseburg	(817)265-7550(m)	7 2000-2200
Beginner Problems					David Martin	(214)717-0523	M-F 1900-2200
	Jan Parkhill.....	(214)828-2216	M-Sa 0900-1700	Internet - Telnet, FTP, NetScape, Web Explorer (OS/2)			
	Shirley Hudgens	(903)439-9780	7 0900-2000		Bob Wilson	(214)517-1434	M-F 1900-2200
Brother's Keeper					.....		S-S 1000-2200
	Neil Sunderland.....	(214)272-2869	7 0900-2200	LANs — Novell			
C++ (the language)					Joseph Beasley	(214)225-8752	7 0800-2400
	Bob Adams.....	(214)328-1455	M-Sa 0900-1900	— Lantastic			
	Howard Harkness.....	(817)267-6227	7 1000-2100		Joseph Beasley	(214)410-3818	7 0900-2200
	Doug Cochran	(214)578-9258	T&T 1800-2030	Managing Your Money			
CorelDraw					Glynn Brooks	(214)578-8737	M-F 1700-2200
	Linda Hume	(817)472-7555	M-F 1900-2200	Modems			
	.....		S-S 1300-2200		Erik Leaseburg	(817)265-7550(m)	7 2000-2200
Batch Files				MathCAD			
	Charles Miller	(903)938-4220(*)	7 1900-2400		Bob Adams	(214)328-1455	M-Sa 0900-1900
Borland C++				Norton Utilities			
	Bob Adams.....	(214)328-1455	M-Sa 0900-1900		John Dyer	(214)790-3311	M-Sa 0800-2200
	Howard Harkness.....	(817)267-6227	7 1000-2100	OS/2			
Comm Software					Larry Truesdale	(214)442-7074	7 1000-2200
	Doug Gorrie.....	(214) 464-4568	M-F 0800-1700	PC Tools/Win			
	.....	(214) 618-8002	S-S 1000-1900		Glynn Brooks.....	(214)578-8737	M-F 1700-2200
CompuServe				Paradox			
	Bob Adams.....	(214)328-1455	M-Sa 0900-1900		Fred Williams.....	(214)492-1315	7 1300-2100
dBASE III, III+, IV & Windows				PKzip/PKUNzip			
	Ted Gillam.....	(214)964-7923	7 0800-1700		Erik Leaseburg	(817)265-7550(m)	7 2000-2200
DOS				ProComm/ProComm+			
	Bob Russell	(214)422-4269	7 1900-2200		Doug Gorrie	(214) 464-4568	M-F 0800-1700
	Erik Leaseburg	(817)265-7550(m)	7 2000-2200				

SUBJECT	HELPER	PHONE	DAYS/HOURS
		(214) 618-8002	S-S 1000-1900
	Bill Green	(817) 731-1308	
	Joseph Beasley	(214)225-8752	7 0800-2400
	Joseph Beasley	(214)410-3818	7 0900-2200
Publisher (Microsoft)			
	Bob Russell	(214)422-4269	7 1900-2200
	Pat Cote	(214)522-1717	x266 M-F 0800-1700
		(214)424-1738	7 1000-2200
Quicken			
	Jim Hall	(214)348-7848	7 1000-2100
Quickbooks			
	Jim Thompson	(214)953-0051	M-F 0800-1800
SPFPC			
	Doug Gorrie	(214) 464-4568	M-F 0800-1700
		(214) 618-8002	S-S 1000-1900
TurboVision			
	Don Cochran	(214)578-9258	T&T 1800-2030
UNIX			
	Doug Scott	(817)261-4653	7 1830-2200
Virus & Anti-Virus			
	Charles Miller	(903)938-4220(*)	7 1900-2400

LEGEND:

7..... All 7 days of each week M-F ... Monday through Friday
 T&T... Tuesday and Thursday M-Sa .. Monday through Saturday
 S&S... Saturday and Sunday (*). Caller should incur any Long Distance charges

NTPCUG User - To - User Program

Visual Basic -

Jim Carter	(214)235-5968	7	1700-2130
L.J. Johnson	(214)495-9067	7	1700-2130
Gene Hamelman	(214)495-6342	7	1700-2130

Windows for Workgroups

Joseph Beasley	(214)225-8752	7	0800-2400
Joseph Beasley	(214)410-3818	7	0900-2200
Bbb Russell	(214)422-4269	7	1900-2200

Word for Windows

Bob Russell	(214)422-4269	7	1900-2200
-------------	---------------	---	-----------

Works, Microsoft

Mike Firth	(214)827-7734	7	0800-2200
------------	---------------	---	-----------

XENIX

Doug Scott	(817)261-4653	7	1830-2200
------------	---------------	---	-----------

XTREE

John Dyer	(214)790-3311	M-Sa	0800-2200
-----------	---------------	------	-----------

The subject areas below do not have a volunteer to answer questions. If you would like to assist or add possible categories for the future, please contact Doug Gorrie at (214)464-7924 M-F 0800-1700 or Sa & Su 1000-1900 at (214)618-8002. Doug will send you a form on which you can list your qualifications and sign.

Areas Needing Helpers:

- Borland Turbo C
- CAD
- Dataflex
- Delphi
- Desktop Publishing
- Easy Text
- First Choice
- First Publisher
- Fox Pro
- Harvard Graphics
- LapLink
- Money Counts
- Microsoft C
- Microsoft C++
- Microsoft Visual C++
- Microsoft Word
- MKS products
- Pagemaker
- Q & A
- Roots
- Smart Notes
- Sound Blaster
- Stacker
- TurboTax
- Corel Ventura
- WordPerfect/
- Windows
- XTREE

North Texas PC Users Group, Inc.
Membership Application

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 _____		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.)

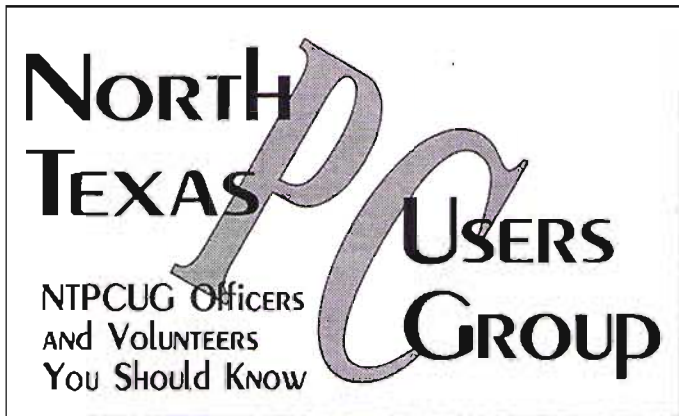
Please initial here _____ if you do not wish to have your address included on member lists sold for the NTPCUG's benefit to advertisers of IBM compatible products.

North Texas PC Users Group, Inc.

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

Phone (214) 746-4699 for recorded information about the North Texas PC Users Group and scheduled meeting date times and locations. Please leave a message if you would like specific information about the Group. Or, visit our Web Page at: www.ntpcug.org

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 with \$24 membership dues to the Membership Director — address shown below. Subscription to the newsletter is included with each membership. The Group meets once each month, usually on the third or fourth Saturday. See inside front cover for date, time and place of the next North Texas PC Users Group meeting.



North Texas PC Users Group, Inc. Board of Directors

Andy Oliver *Chairman*
 Reagan Andrews Timothy Carmichael
 Doug Gorrie Alex Lilley
 Jim Hoisington Fred Williams

NTPCUG Bulletin Board

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.)

Bulletin Board Settings: N – 8 – 1
 (No parity, 8 data bits, 1 stop bit)

NTPCUG BBS Telephone Numbers:

..... (214)387-2751
 (214)387-2752
 METRO (214)263-9036

SYSOP: Fred Williams
 Assistant Sysop:..... Tom Prickett
 Assistant Sysop:..... Doug Gorrie
 Information Mgt:..... Lewis Graber
 User Relations:..... Adam Peterson

Password problems?
 Call Doug at..... (214) 464-4568

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

NTPCUG Officers

President	Andy Oliver	(214) 462-1896 h (214) 960-4215 w
President-Elect	Jim Hoisington	(214) 416-3101 h
Program Chairman	Timothy Carmichael	(214) 661-4626 w
Treasurer	Raymond T. Reyes	(903) 569-2638
Secretary	John West	(214) 620-8741 h
Membership Dir.	Jim Hoisington	(214) 416-3101h
Advertising Dir. (Acting)	Connie Andrews	(214) 828-0699h
Publicity	Rob Alschbach	(214) 368-4979 b
Disk of the Month	Jan Parkhill	(214) 828-2216 h
Volunteer Coord.	Claude McClure	(214) 867-0978 h
Bulletin Board	Fred Williams	(214) 492-1315

Members Emeritus

John Pribyl (1924 - 1993)
 Phil Chamberlain Jim Hoisington
 David McGehee Stuart Yarus
 Tom Prickett Connie Andrews
 Kathryn Loafman Reagan Andrews
 Fred Williams Timothy Carmichael

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..)

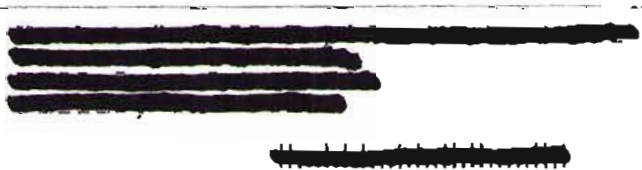


North Texas PC Users Group
P.O. Box 780066
Dallas, Texas 75378-0066

Non Profit Org.
U.S. Postage Paid
Arlington, TX
Permit No. 823

Address Correction Requested

15.9



North Texas PC Users Group

Next Meeting:
14 September 1996

