

I/O

Official monthly publication
of the Kentucky Indiana
PC Users Group

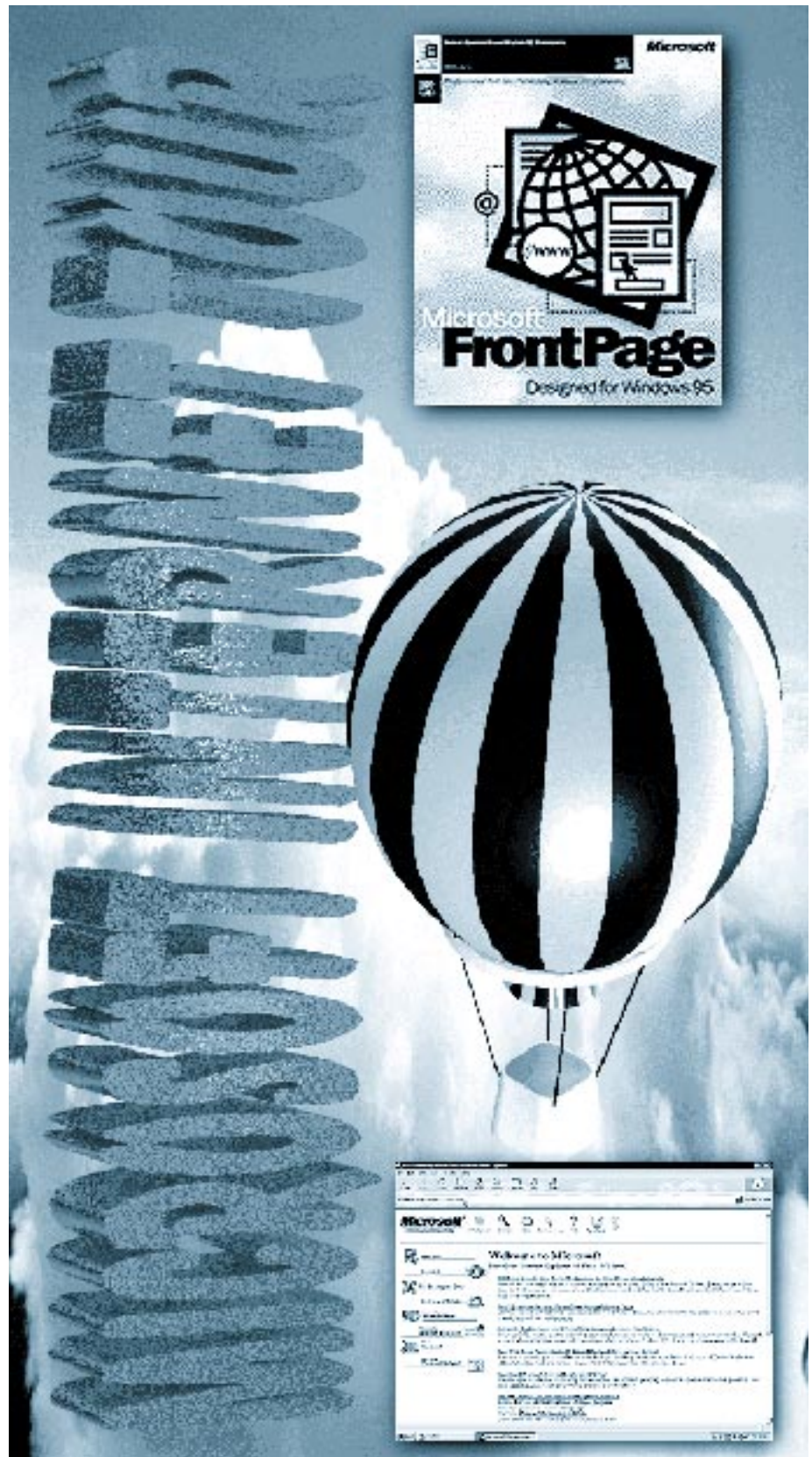
**July
1996**

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KIP CUG



Check us out at <http://www.kipcug.org>

Next meeting
MICROSOFT INTERNET TOUR
Hurstbourne Hotel & Convention Center
Tuesday, July 9th, 7:00 p.m.

From The Editor

Well, I survived COMDEX Spring '96. That may not sound like much, but considering the traffic, it was no mean accomplishment. The trip included 90 minutes on a bus each way to and from APCUG hotel to the show floor and dealing with the sprawling comdex displays



JOHN L. GILKEY

at McCormick Place. For those of you who don't know me personally, I am facing a hip replacement, and the worst two things I can do are sit for long periods of time, and do a lot of walking.

My petty complaints aside, the show was wonderful! It's one of the few opportunities you have to meet so many people pushing hardware and software in such a small place.

The underlying theme throughout the show was authoring tools for the World Wide Web. If you have not come to the realization that the Web will be running your life in the very near future, it's time you got your head out of the sand.

Web tools abound, and you will see

many of their advanced capabilities on a computer screen in the very near future.

Simple HTML screens are soon to become a thing of the past. Innovations like Java and ActiveX will bring your screen to life and expand the capabilities of your existing applications to Web-con-

scious programs.

You will be seeing a lot more 3D images on your screen as Virtual reality Markup Language (VRML) becomes the standard.

You will see 3D sales pitches as well as 3D education tools.

Perhaps the biggest thing in the pipeline will be subscriptions to your favorite software over the Web.

The day is coming where you don't go to the store and buy a box of software. You will subscribe on-line and access the applications using Java, ActiveX or one of their successors. You will always have access to the latest and greatest version of a program.

I/O

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**M
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Microsoft

FrontPage

Microsoft Office Family Member



Professional web site publishing without programming

Designed for nonprogrammers, yet robust enough even for experienced Web site developers, Microsoft FrontPage version 1.1 is the fast, easy way to create and manage professional-quality Web sites. With easy-to-use functionality such as WYSIWYG editing, wizards to step you through the creation of your Web site, and integration with Microsoft Office, it's never been easier to publish on the Web!

The first Web-publishing application created for nonprogrammers, the Microsoft FrontPage Web authoring and management tool gives you everything you need to get an Internet or intranet Web site up and running the fast and easy way.

If you don't know where to begin or just need help adding the latest Web feature, templates and wizards can guide you through the process. And Microsoft FrontPage eliminates the need to know Web-based programming languages by providing WebBot components that you can use to create advanced interactive functionality automatically. Just drop them on your page - there's no programming involved!

Microsoft FrontPage also makes it easy for large teams to work together to create and manage sites. Its combination of flexible client/server architecture, passwords, user authentication, and other security features enables contributors in different locations to securely update different pages simultaneously on the same site! After developing your Web site, use Microsoft FrontPage's one-button publishing ability to host it on your own PC, on a server within your own organization or company, or to the Internet on a server that's accessible to the whole world. Wherever you publish it, you can take advantage of

flexible Web server tools for easy site administration. With Microsoft FrontPage, Web publishing is no longer just for Web masters.

Phil Rose of Computer Reseller News Evaluated eleven web authoring tools and despite plenty of impressive products in the CRN Test Center roundup of HTML editing packages, one program, the much-talked-about FrontPage, garnered a solo Editors' Choice.

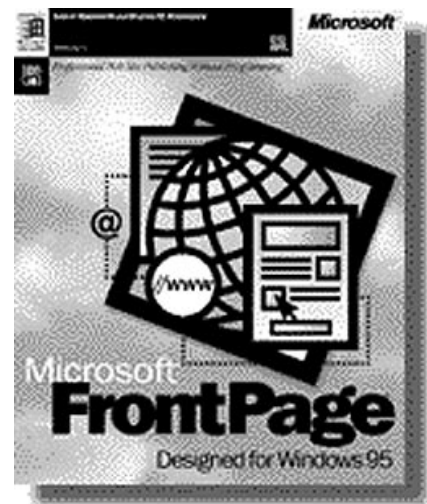
In his review of FrontPage which appears on Microsoft's web site, Rose said:

FrontPage, developed by Vermeer Technologies, was the talk of the Internet world when it launched last fall. It screams of good design. The product is well thought out, thorough and includes numerous little touches to make the developer's life easier. All this help must come at a price: in this case, speed and flexibility. But most developers will likely consider it worth the cost.

General-purpose HTML editing tools fall into two broad categories: Web page editors and Web site authoring programs. Products in the former category make it easier to produce single pages. Products in the latter category take the developer beyond single page composition into producing entire Web sites.

The Test Center team considers products in the latter category essential for serious development. Of the products that meet those criteria, FrontPage excels. It takes site management and maintenance further than the others and is packed with little touches. For example, when a developer creates a site and leaves pieces undone, FrontPage can create a to-do list for them.

FrontPage includes a "personal" Web server that can run on the same



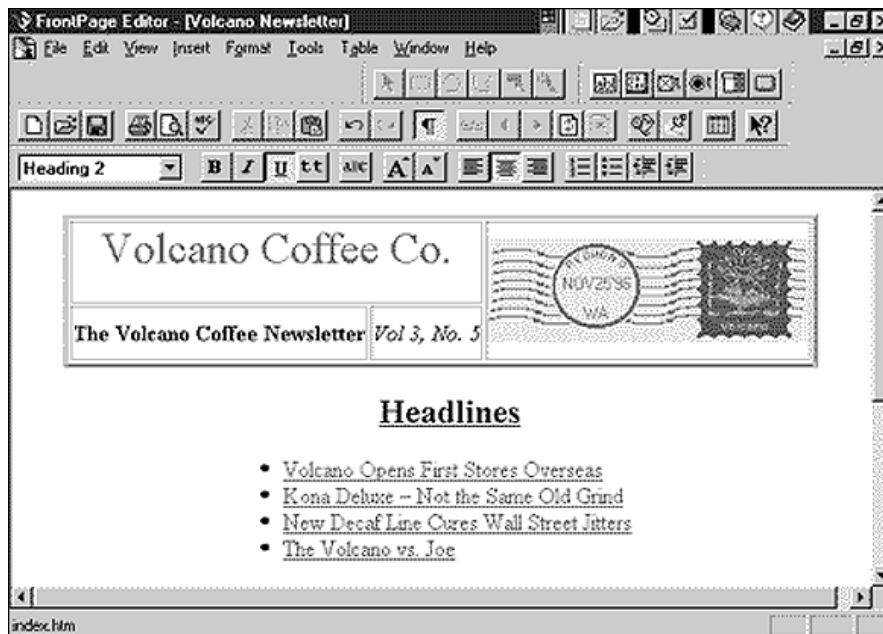
machine as the client portion of the program, allowing developers to prototype an entire site on their local machine including elements that only can work when server-based. When satisfied, they can move the entire site up to the real server. Automated procedures called "bots" let advanced HTML developers use client code to trigger server-based activities, creating intricate functions for their customers.

Despite the depth of function, FrontPage comes with numerous aids to make things easier, such as wizards and templates. The only major fault some in the CRN Test Center found with FrontPage falls under the realm of taste. FrontPage is a strongly typed environment. This rigidity helps control the project and guide the coder to a successful conclusion. But programmers raised on loosely structured languages and some of those whose HTML coding is the first programming they have done may feel restricted by FrontPage. Even so, they may find it worth it to learn the way things are done in FrontPage in order to take advantage of all it has to offer.

Other Flavors For Other Tastes

Two other products, while not Editors' Choices, deserve note. HotDog has been popular on the Internet for some time. Recently its developer, Sausage Software, decided to offer its new version through the channel, enlisting Anawave to do it. Despite its free/shareware heritage, HotDog Pro is one of the most impressive products here. It supports Netscape 2.x and Microsoft Explorer extensions, and it did an impressive job of syntax checking and correction. Only FrontPage has a more impressive user interface—HotDog is faulted for rough edges that are forgivable but sloppy. While HotDog can manage multipage projects, it has little integration. Those after a looser environment than FrontPage's should look hard at HotDog Pro.

PageMill has taken the end-user market by storm. It lacks the power most site developers would want, but it offers a more graphic-design-orient-



FrontPage uses an intuitive user environment that makes you feel like you are operating in a word processor, not a Web page builder.

ed environment in which to work, which may be just the ticket for some. Anything not done directly by the program can be coded in by hand, so those who work better in a relatively pure drag-and-drop Macintosh environment may be more comfortable with PageMill than with any other.

This article is an excerpt from the Test Center section of the March 4, 1996 issue of Computer Reseller News. The full text of the article can be found in the archives at the at the CRN Online web site.

FrontPage is the easy, complete Web site solution. Easy-to-use authoring tools help you create rich Web content.

With the tens of thousands of sites already on the World Wide Web, your sites have to stand out to be noticed. Fortunately, Microsoft FrontPage gives you intuitive authoring and editing tools to build sites that will catch anyone's attention. Better yet, the need to understand hypertext markup language (HTML), or even programming, in order to create professional-quality Web sites is now a thing of the past.

Microsoft FrontPage Editor lets you create and edit Web pages without knowing HTML. It's all as easy as writing a letter because the FrontPage

Editor automatically generates the right HTML code behind the scenes for you.

Supporting the latest Web standards, the FrontPage Editor automatically imports and converts existing text files into HTML, generates HTML 2.0 and the latest HTML 3.0 styles—such as bulleted and numbered lists and centered text, and displays hidden formatting and authoring commands so that you can control every aspect of a page's design.

Working with graphics is easy with automatic conversion of images into GIF or JPEG format. Create hotspots in seconds— simply trace an area and turn it into a clickable image map with the hotspot editor. Hyperlinks have never been this simple. Use drag and drop or click a button to create hyperlinks within a page, to other pages, or to other Web sites.

With the flexible forms editor, you can easily create entire forms with text fields, check boxes, radio buttons, drop-down lists, and push buttons.

Wizards and templates help you generate entire Web sites or individual pages automatically. You can now create WYSIWYG tables, build custom pages and backgrounds— saving them as page templates, or use the new Frames Wizard to generate custom



Create WYSIWYG tables on the fly using templates.

frame grids.

WebBot components provide rich functionality that would otherwise require complex CGI programming. Just drop them on your page to add interactive features such as navigation bars, threaded discussion groups, full-text searches, and forms handling.

Microsoft FrontPage provides powerful site-management tools that make it a breeze to control dynamic sites.

Microsoft FrontPage Explorer gives you intuitive views of your complete Web site. Use the Outline View to see a hierarchical representation of your site, the Link View to see a graphic

display of your site, or the Summary View to see a list of pages and other files in your site.

Auto-recalculate links automatically updates Web hyperlink references when you rename a file or move it to a new directory.

Auto-verify links lists all broken links, both to local and external Web sites. What's more, if you correct a broken link, you can choose to correct all or just some of the pages that contain it.

FrontPage Explorer's site-management tools let you assign multiple team members to your Web site and allow them to work on the site simultaneously, either locally or remotely.

To Do List makes it easy to name, track, and complete all unfinished Web tasks. Different groups can each maintain their part of a Web site. And you can add To Do List items manually or automatically, using a Web Wizard.

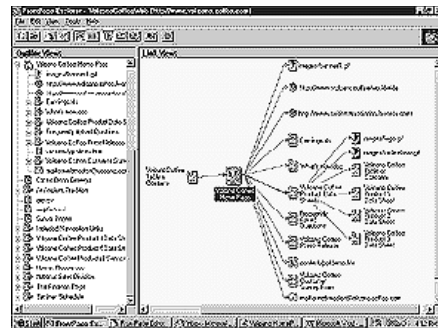
Full integration simplifies working with Microsoft Office applications. Microsoft FrontPage provides enhanced integration with the Microsoft Office family of applications, featuring the familiar Office interface look.

FrontPage Explorer automatically launches the corresponding Microsoft Office application whenever you open

any imported Web file that was created by that application. After you edit the file, FrontPage automatically adds it to the Web import list.

With additional menu commands for Microsoft Excel and Microsoft Word, you can open and save documents to and from a Microsoft FrontPage Web site as easily as opening a document from a disk - without leaving the Office application. Add-ins for these commands will be available in beta form from the Microsoft FrontPage Web Site in the near future.

Microsoft FrontPage is designed to



Display the hierarchy of your web site using FrontPage.

let people in different places collaborate simultaneously to create, update, and manage a Web site.

Security features, including encryption of client/server communications, assigned Web access rights, and support of proxy servers ensure collaboration and keep unauthorized visitors from modifying your Web site.

Microsoft FrontPage Server Extensions allow Microsoft FrontPage to work with leading Web servers. You can host your Web site on PCs that run Microsoft Windows, NT, Microsoft Windows 95, or several varieties of UNIX. And you can quickly copy your site to a new platform across your LAN or over the Internet while preserving all programming, controls, and image maps.

Microsoft FrontPage Personal Web Server, included in the box with Microsoft FrontPage, lets you publish and test a Web site on your own PC.



WebBots can automate tasks that would require complicated CGI scripting in any other development environment.

TFD gets new SYSOP

Board names Paul Ward to replace Gil Levitch and lead KIPCUG's Fifth Dimension into the telecommunications challenges of the future

As you may know by now, long-time SYSOP Gil Levitch is stepping down from KIPCUG's bulletin board. Paul Ward has been named to take his place. Following is a message from Paul about the change.



New TFD SYSOP Paul Ward

I would like to take this opportunity to introduce myself. I'm sure that most of you have been taken back a bit by Gils' rather sudden announcement that he's "retiring". I know I was very surprised when he called to tell me and ask if I'd be interested in taking over the position of Sysop on TFD.

I must confess that I was flattered as well as a bit surprised by the offer being sort of the "new kid in town" so to speak.

A little background information for you: I'm 43 years old and a former aircraft mechanic. I was in aviation for 13 years until I hurt my knee and was unable to climb stairs or ladders.

While recovering from surgery on my knee, I took a part-time job, with my mother-in-law no less, at a small retail nursery chain in Marin County, CA. 8 years later I was still there and was the system administrator on a small Novell 2.x LAN.

During the last 5 years in California I ran a small one line bbs called "the Play-Pen", named not because of the game doors available to my callers, but rather because that's what my wife lovingly called my computer room.

I never really liked living in California, being more of a country boy at heart, so when my boss sold the business and I found myself unemployed, Liz and I felt that it was the perfect opportunity to move back east.

Two things caused us to zero in on Louisville, one, we knew we wanted to live somewhere with beautiful rolling hills and lots of trees that had four seasons (perpetual spring time gets boring after a while <g>) and two, my older brother lives here in Louisville which gave us a place to stay while we got settled.

I now work at Aetna Health Plans on Linn Station Rd. as their on-site phone tech and backup to the LAN guys.

Well, I suppose I've bored you more than enough... I do want to say thanks first to Gil for his many years of dedicated service to this board and his confidence in me to attempt to fill his shoes. Second, to the Board of Directors for accepting me into the ranks and trusting me with TFD. I promise to do my best to keep TFD up to the standards of excellence that Gil has set and to look for ways to help it grow into the next century.

I'm extremely conservative so there will not be any immediate changes made to the board. I live by the rule, "if it ain't broke, don't fix it". Please continue to enjoy the BBS as you always have, I'm looking forward to getting to know you. If you have problems, don't hesitate to ask. I don't know all the answers, but I'll share what I do know and search for what I don't.

Getting a life!

This is evidently the year for us to get a life, as KIPCUG has undergone some extensive remodeling of its Board of Directors. For the most part, this has all been accomplished without any gnashing of teeth, but it is nevertheless equally painful for those of us staying and those departing.

Ron Wechsler has been a mainstay of the Editorial staff of I/O for many years. Even when his activity at work increased, he still managed to donate his time to the production of the newsletter each and every month., although is smaller doses. My heartfelt thanks, Ron.

Libby Thurman has been a part of our Board in so many different capacities that it's hard to visualize holding board meetings without her. She has never failed to give us all the benefit of her expertise and insight, so I must say, "My heartfelt thanks, Libby".

Gil Levitch, more affectionately known as SYSOP, has also decided that he needs to find more time to take Sue shopping, play games, attend ball games, and other leisurely activities. Gil has probably given KIPCUG more of his time than any other officer, since he started the bulletin board system and has nurtured it lovingly all these many years. My heartfelt thanks, Gil.

Marvin Livingood has recently been unable to attend meetings as he would have liked because of physical problems that have worsened for various reasons, but his most capable assistance over the years has always been gratefully taken for granted by the rest of us. <big, wide, grin> So until he can return to us in a full-time capacity, My heartfelt thanks, Marvin.

Tom Neukam has also expressed a desire to absent himself from the board meetings. I can definitely understand this premise, and can only hope that Tom doesn't vanish from our midst gradually. He has been a "fixture" of KIPCUG, has done any job that needed doing, and My heartfelt thanks, Tom.

Bob Streever has had one of the most time-consuming KIPCUG hats for several years now, as the Membership rightfully should have been done by a full working committee. However, Bob worked tirelessly seeing to all the duties of this directorship, and My heartfelt thanks, Bob.

I have not only benefited greatly from these superb officers, but also as friends. I know this is something they feel compelled to do, and I must respect their decisions. All I can say is "I'll get you for this..."

Director

Multimedia Studio

by Warren Wm. Kingsley
Technical and Users Group Network

With the demand for Multimedia productions growing, there is a need for easy-to-use affordable software solutions that can be used to create multimedia applications. End users want simpler tools with more support to take advantage of the advances made in lower cost, high performance software. My previous review was of the Director, which assembled and authored a program. Multimedia Studio can provide a number of the upscale components which can then be used in the final production.

Multimedia Studio meets the demands of these mainstream requirements. The flexibility to interface easily with a wide variety of hardware and software resources, access to show-stopping content and integrated modules that provide editing and creation capabilities are the components of Multimedia Studio. It is an integrated video, audio, imaging and cataloging solution that gives complete control over all your multimedia projects. Featuring powerful and easy-to-use tools, as well as drag and drop functions, anyone can use Multimedia Studio to create high resolution graphics, video, animation, and for use in a wide variety of multimedia presentations and projects.

The opportunity for TUG-NET members to enter this industry is something worth considering. There is much demand for finished productions. Business presentations and multimedia presentations of all types are in increasing demand. Many members of computer groups do not fully take advantage of the powerful asset they possess, the computer. Programs such as Director Multimedia Studio can turn your computer into a performing asset. You will be able to capture and edit video elements and create sophisticated video

productions to be used at trade shows, training programs, and information kiosks. The desktop computer is quickly becoming the tool of choice in this growing industry. This program has ease of use because of your familiarity with stand alone paint programs previously used. It represents a video tool comparable to sophisticated products costing thousands of dollars more.

Multimedia Studio offers unlimited, free (not toll free) tech support. They have BBS, E-mail, and FAX availability. My preference is E-mail since there is no toll fee or cost.

ALBUM

The key to multimedia is being able to keep track of all the different files that may be used. Multimedia Studio provides a powerful file management program, Album, as well as a number of supporting management utilities.

This management program is a tool for cataloging, managing, and searching multimedia files. Album makes it easy to organize files visually using thumbnails to represent the contents of a file. In addition, the Album program provides image input, file conversion, image compression, slide show capabilities, and links to other applications via the toolbar. Drag and drop and point and click actions can be implemented to make the operation as intuitive as possible.

Album is a core program in Multimedia Studio providing management of both files and programs along with previewing, conversion, and compression of multimedia files. In order to bring files in, you insert thumbnails of files with the Insert command in the Thumbnail menu. This is the simplest manner of insertion. For more selective insertion you can use File Manager to drag and drop files into an album or to scan images. You may require thumbnails of different sizes and quality. There are three options to control this

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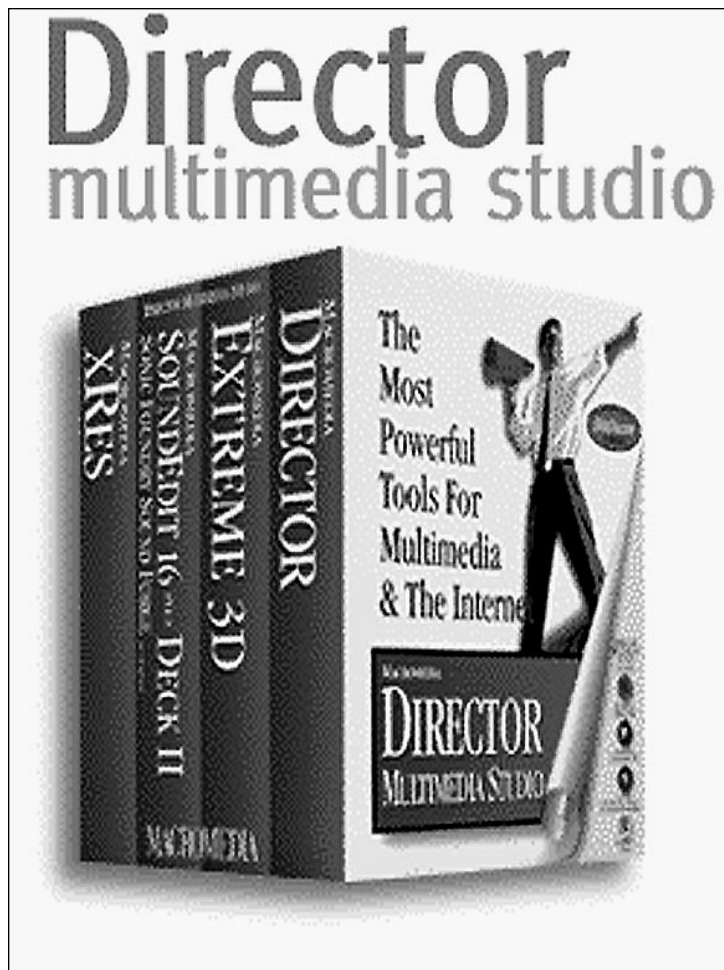
The flexibility to interface easily with a wide variety of hardware and software resources, access to show-stopping content and integrated modules that provide editing and creation capabilities are the components of Multimedia Studio.

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and they also determine the size of the album files on your disk. In the Album Properties dialog box, you choose thumbnail size and compression. Use the smallest size to keep your album size down. The third option in the Album Preferences dialog box: reduce True Color to 256 Color. This reduces 24-bit True Color thumbnails to 8-bit Indexed Color (an immediate reduction is file size by 66%). Be sure to do this before you insert thumbnails or you will need to regenerate them. The slide show is a presentation tool for displaying different types of files. The slide show presents video, audio, imaging, and morphing creations.

Taking files from Album into other programs is a simple matter of drag and drop. OLE support in Album is extensive and has its own preferences dialog box. This dialog box controls what you copy when using the clipboard to transfer file data, and when you drag and drop files into other programs. One of the options particularly useful when dealing with large images is Low Resolution Place Holder. This allows you to place a small preview of an image file, which has the same dimensions, into a page layout or word processing program. Once placed, you can proof the document quickly and when you're ready for final output, simply change the option in Album to Source Object and update the link. Converting between image file formats and data types is provided so that you can control exactly what you place in another program without the need for a third conversion program. Data type conversion is useful if you are preparing images for black and white publication or a multimedia presentation on a 256 color monitor.

When you open Album, there is a simple search ribbon at the top of the workspace. This is a quick way to conduct



searches on a variety of criteria. You can also use the Search dialog box for more complicated searches. When you select Search Entire Album, searches are conducted on the entire active album.

MULTIMEDIA CONVERTER

This module enables the user to convert virtually any type of multimedia file format (video, audio, graphic, image or animation) to virtually any other type of multimedia file format, quickly and effortlessly. Many other file characteristics can also be modified such as attributes, color level, etc., either one at a time, or in a batch mode.

VIDEO EDITOR

The video editor provides for time-line-based video editing. Drag and drop can be implemented with a wide range of special effects; overlays, transitions, filters, and special 3-D effects, all quickly and easily. Video Editor is very easy to use because of the implementation of drag and drop and the method in which all the media files being worked with are displayed in front of you. I

found the moving path which is like a road map to be very useful. Moving paths allow you to flip, rotate, and spin your video clips in three dimensions. You can even zoom in and out and create fast and slow motion effects. We've all seen these effects on TV and in the movies but never knew how simple they are to create. Overlays can make one clip transparent, and display another clip in the transparent area. Transition effects can be created so that you can control how clips merge, fade, or cut from one scene to another.

VIDEO CAPTURE

The manufacturer states that "Video can be captured from any Video for Windows-compatible video capture board as single frames, sequences, and even sets of sequences in real time or batch mode. If a Windows-compatible video playback device is connected to the user's computer, that device can be controlled directly from Multimedia Studio. As I don't have a video capture board, I could not experiment with this aspect of the program.

AUDIO EDITOR

The Audio Editor program provides complete editing and a flexible display of an unlimited number of wave forms. Editing features include the cut, copy and paste of audio files and an extensive selection of audio effects. The Audio Editor also provides for the conversion of different audio types. Audio Editor is an easy to use program, making recording and editing audio as simple as a few mouse clicks. Audio Editor allows you to open and edit WAV files, VOC files and the audio track from AVI or MOV files. You can save to any of these formats or change the attributes of files in these formats. Cues allow you to mark places in a wave form so that you can paste new data at the beginning of a cer-

tain sound. Data can also be easily removed if you have pasted it into a file and then changed your mind. When you display an audio file in Audio Editor, the data is represented as a waveform. This helped me visualize the contents of a file and made manipulating audio much easier. Zooming allows you to control the view of the waveforms.

MORPH EDITOR

The Morph Editor Program allows an image, or part of an image to be transformed into another. By animating this transformation process, a video sequence can be created that shows the original image growing out of, or into, the other such as the one I did in 10 minutes. I turned my grandson into six grandchildren. It was simple to do and a great deal of fun.

Morph Editor also allows you to create preview images to see the progress of your morph animation step by step. To add an even greater impact to the morphing effect, the Morph Editor comes equipped with a range of advanced special effects and filters that can enhance and improve the images, turning otherwise standard morphs into eye-catching presentations. Best of all, a typical morph requires only minutes to create.

The appending of videos and the ability to animate single images with special effects are a couple of features made possible with Morph Editor. It can create long sequences of one image changing into another and another and another and so on, by creating a first sequence and then appending subsequent sequences to it. The help file has a complete list of shortcuts for morphing.

IMAGE EDITOR

Image Editor is the program to manipulate, edit, merge, color correct and retouch images. With a comprehensive range of image processing commands and tools, users can easily add text, perform flips and rotations as well as clone and paint images. The image editor program allows images to be opened from disk or CD-ROM in a wide variety of formats and scanned sources. Once the images are opened, they can be color corrected, enhanced, painted, and composed to produce computer presenta-

tions to be used in video productions. Looking at Image Editor's tool bar you'll notice there are fourteen different tools. Almost all the tools provide options to change the way in which they work. Some of the tools make use of both the left and right mouse buttons (e.g. the selection Tools all display the select sub-menu when the right mouse button is pressed).

Masking is one of the features of Image Editor, and it's easy to use. After selecting an area of an image with the selection tools, you can fine tune the selection area by holding down the M key and dragging the area into the workspace. A grayscale image of the selection area (mask) is created. You can then edit the mask with any painting tool or retouch command; including fills, painting, soft edges, adding text, etc. You can then take the mask back into the image by drag and drop into the Object Pool and then drag from the object pool into the image. You can also save it and then load it as a mask with the Load Mask command in the Select sub menu of the Edit Menu.

The Object Pool allows you to store images (or parts of images) and masks. Storage and retrieval is as simple as dragging and dropping. When you zoom in on an image you can clearly see a section of that image. Clicking on the bottom right hand corner of the window displays a miniature version of the image that allows you to instantly find the area you want.

CONTROL CENTER

This module allows users to organize programs and files into folders. These folders are organized into different categories for the different steps in multimedia productions: Management, Imaging, Video & Audio, Capture, Edit, Presentation, Tutorial & Info and a custom folder. The Custom Folder is so users can put together their own collections of programs for easy access.

SCREEN CAPTURE

The Screen Capture utility allows an image or screen region to be captured from any graphics application or Windows interface to the screen Capture Workspace, clipboard or the Image Editor. Captures can be timed to be immediate, delayed, or consecutive.

Once captured, the image size can be changed and the color level adjusted, then saved to a file choosing from a wide variety of formats.

VIEWER

This program can be accessed through Album or run independently. Viewer provides a quick method to view and convert images. Multiple Viewers can be opened simultaneously for image comparisons. Drag and drop is supported so images opened in a viewer can be dragged to any OLE compliant program.

CD BROWSER

With the CD Browser program, Kodak Photo CDs can be interactively browsed. These photos can be exported directly to any Multimedia Studio application including the Image Editor or to any other OLE compatible application.

Multimedia Content is Readily Available on CD-ROM

With the addition of over 600 MB of content provided on the CD-ROM, users have at their fingertips dozens of video clips, sound effects and music clips, and background images.

Installation is accomplished in the usual manner for a CD-ROM. Very straightforward and easy. CD-ROM contains interactive tutorials for a number of the modules. When using the interactive tutorial you have the illusion that an actual mini presentation is being created for the first time. The urge to work on your own without the tutorial is immediate. The program comes with an excellent 350-page users guide.

Minimum requirements:

IBM PC 386 and up
Microsoft Windows (ver 3.1 or higher. Win95)
4 MB or more RAM memory
Any single or higher speed CD-ROM drive

A hard drive with at least 20 MB of free space for the Multimedia Studio files

Display: any Windows compatible display adapter

Mouse or other Pointing device

Suggested retail price is \$349. It may be purchased discounted at Multimedia Workshop, 800-278-7876

Windows 95

System Talk by Libby Thurman

It seems that traveling begins each year before the last snowfall and doesn't end until after the first ice storm. The summer months are the worst. The number of meetings, seminars, workshops and conferences seems to increase every year. A vacation is a routine day in the office. My desk gets piled higher and projects get delayed. Without a notebook computer and nights locked in a motel room, I would get little accomplished.

My notebook computer is old and not very powerful. Purchased in 1992, this Zeos 386SX-25 has been upgraded to a 160 MB hard drive (using DriveSpace) and 8 MB of RAM. I have added an external 28.8 modem and Canon BJ-10ex portable printer. But it does the job, thanks to stripped-down versions of Win 95 and Microsoft Office.

This is not a misprint. I am running Win 95 on this notebook. It may not be lightening fast, but it does the job adequately and with acceptable speed and gives me the portability features that Microsoft built into Win 95 for notebook users.

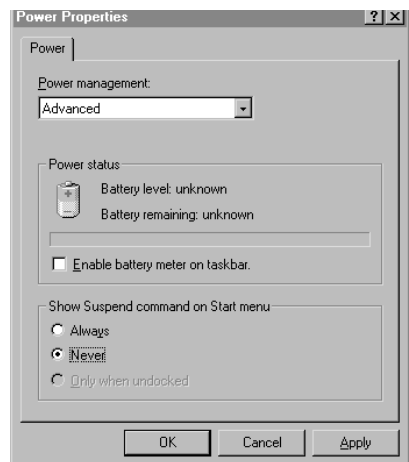
One of the most useful features of Win 95 for notebook users is the Briefcase. With Briefcase on my desktop, I can drag and drop files to this icon and easily transfer the contents to a disk or to my desktop system using a modem or null modem setup. If I am working on files for different organizations, I can create multiple Briefcases so that I do not have to sort through the files when I transfer them. I can have one Briefcase for files that are to be transferred to my system at work and another Briefcase that can be used for files to be transferred to my system at home. The use of Briefcases also simplifies transfer of files to my notebook.

When transferring files between two computers using a modem, null modem or direct cable connection, Win 95 automatically performs the update. Double-click on the Briefcase icon, select the files you wish to update and select Update All

or Update Selection from the Briefcase menu. The status of these files can be checked and multiple copies can be maintained.

With Briefcase, I don't have to remember what files need to be transferred or search for these files when I want to update them or transfer them to another system.

Although I don't use the Dial-Up Networking feature of Win 95 because of telephone restrictions, Win 95 does allow the user to set up a Dial-Up Networking connection to a remote computer or network. This can be done by clicking on the Networking icon under Control Panel. When I do get my telephone



The Power control

line problems corrected, this will be a very useful feature when I am on the road and find I have forgotten to transfer a file I need to work on or I need to send a completed file to my secretary for printing, distribution, etc.

Also using Networking in the Control Panel window, I can configure alternate connections to TFD, MSN or the Internet using telephone numbers and connection protocols for other locations when out of town. I can configure various connections that require a long-distance phone call and the use of a credit card or connections that use local telephone numbers in the area I am visiting. As I become more dependent on on-line resources, this

April 9, 1996 -- Vol. 15 No. 7



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- [Network Edition: ISDN Remote Access](#)
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UP FRONT

• Inside *The personal computer*

You can Find PC Magazine on-line.

becomes more useful. I go to Lexington frequently and can simply click on my Lexington connections to use whatever on-line service I need.

Win 95 will also allow you to defer print jobs until you are connected to a printer at another location. Files are automatically stored to be printed when a printer connection is made if you are using a portable computer without a printer connection. Deferring print jobs can be done manually by printing to file or using the Pause Printing command from the printer drop-down menu.

By selecting the Power icon under Control Panel, Win 95 allows you to monitor battery status and use the Suspend command to save power. You can also enable the battery meter on the Taskbar by selecting this option. These are a valuable features because similar utilities that came with most notebooks are not easy to access and use.

Other tips for using Win 95 for portable computing:

Remove any unneeded files and applications. One text editor is usually enough on a notebook.

Keep the desktop clean. Unnecessary icons and graphics use significant system resources.

Keep you files organized for easy access.

Select minimum configuration when installing applications.

Optimize Win 95 and applications using the information readily available in help files, manuals, etc.

Use the features of Win 95 appropriately for portable computing.

Tips and Tricks for Win95

Use the auto hide feature for taskbars to avoid taskbars covering important information in applications while remaining readily available. When enable, you move the mouse to that area of your screen and the taskbar appears. To enable, right-click on the Taskbar, select Properties, select Taskbar Options and check the Auto hide box.

When purchasing new hardware, do some research to be sure the product will work with Win 95. Most products will work with Win 95, but some take more effort than others to get up and running. There are a number of hardware and software products on the market at great prices because these are not Plug-and-Play devices.

Check out the Win 95 Accessibility options for users with physical limitations. By selecting Control Panel, Add/Remove Programs, Windows Setup and installing Accessibility Options, changes can be made to the keyboard, sound, display and mouse that will assist these users.

PC Magazine on the Web

For information on Win 95 and other related topics, check out PC Magazine on the Web. At www.pcmag.com, there are feature articles, columns,

Have a Win95 Question or Tip?

If you have a Win95 question or tip, send it to me. I can be contacted through the Fifth Dimension (Libby Thurman), Internet (libby.thurman@tfd.org), Microsoft Network (libby.thurman@msn.com), CompuServe (76450,1453) or mail (P.O. Box 367, Crestwood, Ky. 40014). I will also accept written questions and suggestions at our meetings.

Please include your name and address (e-mail or street) and as much detail as possible, including information about the system you are using. I will reply to the address you include with your question as soon as possible. An e-mail address is preferred. Selected questions and tips will be included in this column. I would prefer no telephone contacts as scheduling, etc. makes telephone contacts difficult.

This column is specifically for the Win95 operating system. I realize that Win95 and Win95 applications are often closely related, and, as I do use a variety of other Win95 applications, I will consider questions regarding these applications, but I cannot guarantee a reply or any useful information.

July

1996

Sun	Mon	Tue	Wed	Thu	Fri	Sat																																																																																					
	1	2 6:00 PM Board of Directors, Fifth Quarter, Shelbyville Rd.	3	4	5	6																																																																																					
7	8 6:30 PM New Users SIG meets at Pomeroy Computers, 908 Dupont Rd.	9 6:30 PM Microsoft Internet Tour at KIPCUG Regular meeting, Hursthorne Hotel and Convention Center.	10	11	12	13																																																																																					
14	15	16 Mainframe Sig IBM offices 14th Floor Providian Building 4th & Market Sts.	17	18	19	20																																																																																					
21	22 6:30 PM Windows Word & Excel SIG meets 10th floor John Hancock Building 9300 Shelbyville Rd.	23 6:30 PM OS/2 SIG IBM offices, Suite 1400 Providian Building, Use Market St. entrance.	24 6:30 PM Telecomm. SIG meets at Aware Systems 10th floor of the Watterson Building, 101 E. Main St.	25	26	27																																																																																					
28	29	30	31	<p style="text-align: center;">JUNE</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p style="text-align: center;">AUGUST</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>		S	M	T	W	T	F	S	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
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Official listing of events for KIPCUG, Inc.

Directory of KIPUCG Leaders



Helpline (502) 329-5720

Name	Position	Home Phone	Work Phone
Judy Loccoo	President	893-8710	893-8710
Robert Myers	Vice President	495-6744	
Sharon Kimey-Rameo	Secretary	893-2672	568-5192
Nancy Lorey	Treasurer		
Sandy Carr	STG Director	241-7296	566-5171
John Gilvey	Newsletter Editor	282-6040	283-6636
Steve Goldberg	Program Director	282-5186	
Paul Wad	BBS SYSOP		
David Ruckett	User to User Coordinator	451-8907	
Mike Stralun	Legal Advisor	425-3326	589-4200
Mike Robinson	Membership Director		
Fred Soward	Volunteer Coordinator	426-1829	454-2938
Marvin Livingood	Director Emeritus	459-8888	459-8888
Rick Manning	Webmaster		
Paul Newman	New Mbr. Orientation	459-2019	
Bob Streever	Membership Assistant	895-4180	459-2151
Debbie Balleit	Membership Assistant		
Louis Gage	Program Setup		

Call the Helpline 24 hours a day for:
* General information about KIPUCG *

* How to join KIPUCG *

* Information about upcoming meetings and events *

* Help with hardware or software problems from members who are experts *

* Request a complimentary copy of I/O, the monthly newsletter of KIPUCG *

The Fifth Dimension

O f f i c i a l B u l l e t i n B o a r d o f K I P U C G

The Fifth Dimension is available 24 hours a day at (502) 231-0053. Data transmission standards are: 1,200-28,800 bps, 8 data bits, 1 stop bit, no parity, v.42, v.42bis., v.32, v.32bis. Operating with three nodes.

Advertising Rates for I/O

Ad size	Rate
Business Card	21.00
Quarter Page	54.00
Half Page	108.00
Half Page Back Cover	180.00
Full Page	180.00

NOTE: I/O has a new advertising Manager, Nancy Lorey, who is handling all advertising placement. See address and phone number below.

Discount	Rate
Three consecutive insertions	10%
Twelve consecutive insertions	20%
Special discounts offered to KIPUCG members	Call
Membership discount	10%

All Advertising must be paid for at the time of submission or on approved PO. Rates are for camera-ready copy. The deadline for submission of advertising materials is the first of the month for the next month's publication.

Send all advertising materials to:

Nancy Lorey, I/O Ad Manager, 5314 Hidden Lakes Blvd., Jeffersonville, IN 47130. For more information, call (812) 280-0468 evenings.

KIPUCG Supporters

Please support them with your business

The vendors listed below have contributed hardware or software to KIPUCG to assist in production of the organization's monthly newsletter. We encourage you to support these vendors who are helping to support our organization.

Lexmark	Novell
4029 Laser printer with accelerator	WordPerfect DOS/Windows
Adobe	Netware 4.1
Photoshop 3.0	Corel
Illustrator 4.0	Corel Ventura

The Sig

Kentucky Indiana



Scene

P C U s e r s G r o u p

Investing

Meets monthly at the Louisville Aero Club, Bowman Field, Louisville, Kentucky. Call leader Doc Viele at 452-6878 for additional information including date and time. Please note, this SIG does NOT discuss relative merits of mutual funds.

Knowledgeman

Call leaders Danny PcPheron at 456-6200 or Jim Martin at 452-4916 for meeting times and locations.

Mainframe

Meets on the third Tuesday of the month at the offices of IBM on the 14th floor of the Providian Building, 4th and Market Streets, Louisville. Contact leader position vacant in memory of Tom Carr. Watch for additional information.

New Users

Meets 2nd Monday, 6:30 p.m. at Pomeroy Computers, 908 Dupont Road, Louisville, Kentucky. Contact leader Tom Neukam at 893-2800 extension 135 for more information.

OS / 2

Meets 4th Tuesday in the Providian Building, 400 West Market Street, Louisville, Kentucky. Use the Market Street entrance and proceed to IBM Suite 1400. Leader is Alan McCutcheon, 587-8285.

Paradox / dBASE / Quattro Pro

Contact SIG leader is Steve Goldberg at 282-5186 for further information and meeting place.

Telecommunications

The Telecommunications SIG meets on the 4th Wednesday of each month at Aware Systems, Inc. located on the 10th floor of the Watterside Building, 101 E. Main Street. For more information, contact SIG leader Joseph Xie at 569-5423 or Sharon Kinney-Romeo at 568-5192.

Windows Word & Excel

Meets 4th Monday at 6:30 p.m. at the John Hancock Building 10th Floor, 9300 Shelbyville Road, Louisville, Kentucky. Leader is Jim Travelstead, 852-4761 (W) or 375-4796 (H).

Visual Basic

The Visual Basic SIG meets on the 1st Thursday of each month at CompuPro located at 1410 New Albany-Charlestown Pike in Clarksville. Contact Robert Myers at 495-6744 for more information.

Rapid program development

Borland Delphi offers a solid solution

by Mike Robinson

Until 1995, Microsoft's Visual BASIC was far and away the development tool of choice for most Windows applications. But Borland has come up with a real contender in Delphi, which is already giving VB a run for its money.

In this review, we discuss version 1.0 of Delphi. Since Borland has already released version 2.0, the earlier version is technically obsolete, but that's what they sent us to review. It includes many of the features found in version 2.0, a 32-bit upgrade which is considerably faster and includes some new features. Version 1.0 was quite successful, and received much critical acclaim, for a version 1.0 of any product. Version 2.0 takes a good thing and improves on it. We were able to research 2.0 in the PC consumer and trade press, and summarize its improvements over 1.0.

NEW HOPE FOR BORLAND

Borland says Delphi is their new strategic tool. They deny plans to phase out dBase or Paradox any time soon. From 1994 to 1995, dBase held steady at 3 percent of the Xbase market, which included 7.6 million users in December 1995 but is shrinking rapidly. Paradox's market share shrank from 25% in 1994 to 14% in 1995, according to Soft Tracks, with most of the loss going to Microsoft Access.

Borland founder Philippe Kahn said: "My advice to dBase developers is to learn Delphi" in InfoWorld, Dec. 4, 1995.

WHAT IT IS

Delphi is basically database access software with a very fast Object Pascal compiler, with a drag-and-drop graphical development environment and so many nifty tools that you may never write a line of code.

Delphi applications compile to native code (.EXE files). In this, it varies from

most GUI-based development tools. Resulting applications run 10 to 20 times faster than interpreted environments.

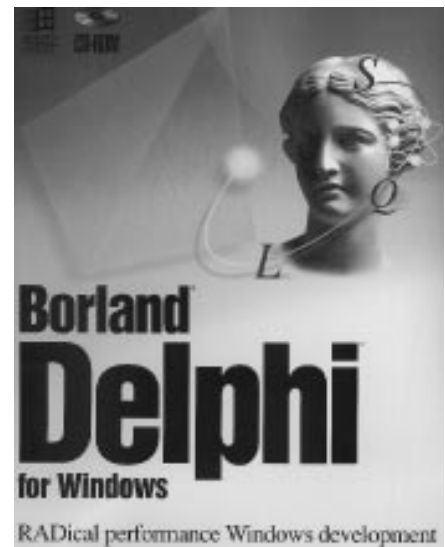
A good visual design environment let you build apps quickly and efficiently with very little coding effort. You start with a "blank canvas", then populate it with Windows graphical controls, and finally tailor their appearance and behavior by specifying properties. Developers can extend the results by writing code snippets. You can open two windows — a graphical view and Pascal code view. Change either and the other one changes automatically.

Object-oriented, Delphi fully supports inheritance, encapsulation, and polymorphism. It includes a good stable of Visual Components (similar to VBX's). Two debuggers are included, a fully interactive version and a Turbo debugger. Delphi also includes a data dictionary, and supports OLE 2.0 and macros.

The ReportSmith report generator produces sophisticated reports, as well as charts and graphs. Drivers provide integrated connectivity to multiple databases, including dBase, Paradox, Btrieve, FoxPro, Access, and Excel. The Client/Server edition includes drivers for InterBase, Oracle, Sybase, Informix, and others. A runtime viewer allows desktop users to execute, view, or print only, and can be distributed to an unlimited number of users.

The Local InterBase Server is a single-user, Windows-based version of Borland's InterBase Workgroup Server, an SQL-compliant relational database management system. It can be used locally on a desktop PC, used with a desktop server, or for local development of client/server applications.

Delphi 1.0 is "Windows 95 compatible", which means it runs under Win 95, but doesn't generate 32-bit code as vsn. 2.0 does.



DELPHI: PRO and CON

Pros include speed (Delphi apps run 10 to 15 times as fast as VB 3.0 in CPU-intensive operations), a well integrated development cycle, good database support, and flexibility. Delphi is faster and more disciplined than Visual BASIC, and easier than C/C++.

Cons include the use of Pascal (not the most popular language); Delphi is more complex than Visual BASIC, and produces slightly larger .EXE files, which may not, however, require a separate DLL.

Delphi is not appropriate for very large enterprise-wide application development projects with complex development cycles. It doesn't provide repository orientations or group-development mechanisms for large, multi-programmer environments developing multiple overlapping projects. But it's more scalable than Visual BASIC, because of its better separation of generated from handcrafted code.

Converting from Visual BASIC to object-oriented Delphi is not easy. The languages, and the development platforms, work differently.

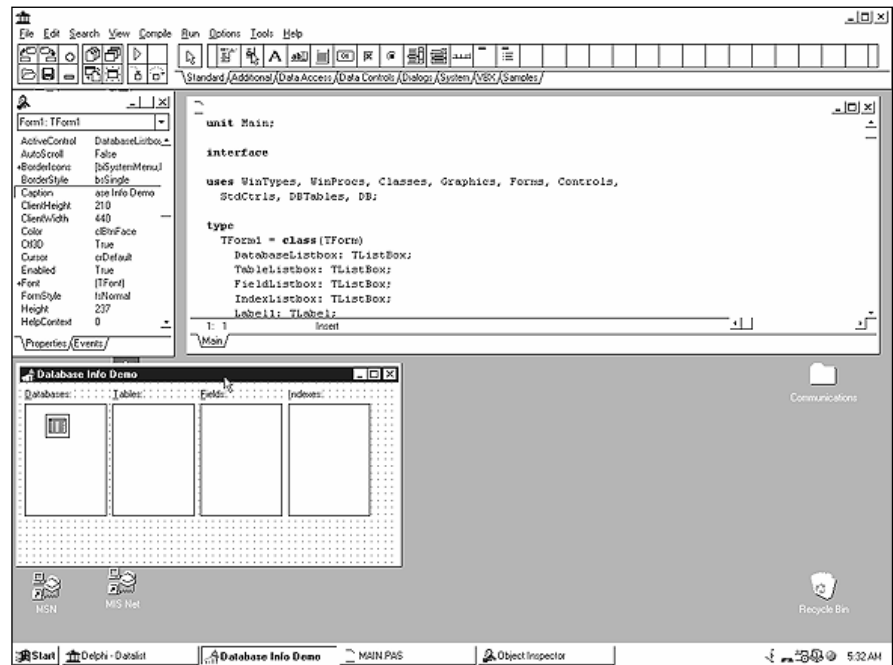
Delphi can use VBX (Visual BASIC) objects, OLE 2.0, MAPI, DLL's, and Microsoft multimedia objects written in a wide variety of languages. It produces its own OCX objects which can be reused and customized through inheritance.

PC Week awarded its Analyst's Choice to Delphi 1.0 in April 1995. Also-rans were Visual BASIC 3.0, PowerBuilder 4.0, Winmaker Pro 6.0, and Symantec Enterprise Developer 2.0.

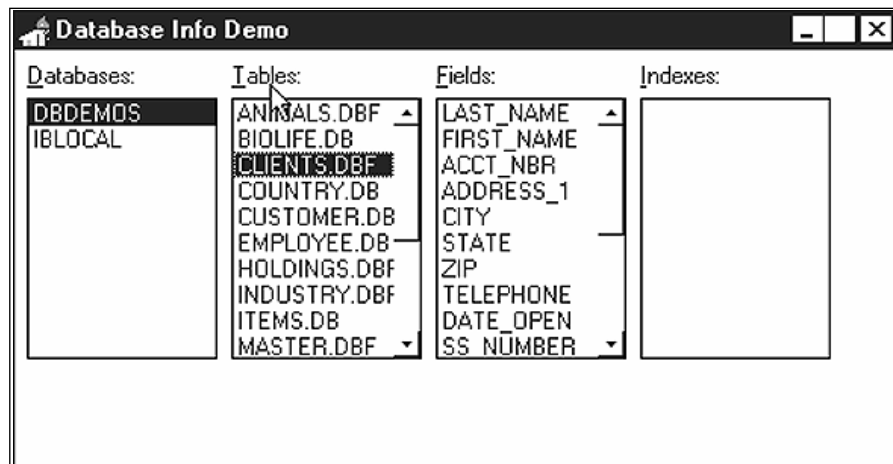
DOCUMENTATION

The following documentation is included in both hard copy (book) and CD-ROM form: Delphi User's Guide, Component Writer's Guide, Database Application Developer's Guide, ReportSmith Creating Reports, and Local InterBase Server User's Guide. Additional documentation appears on the CD only: Database Desktop User's Guide, InterBase Language Reference, and InterBase Data Definition.

The manuals are clear, well-written, and downright inviting. I found them easy to understand, and they made me



A typical Delphi project session.



want to dive right in and start programming in Delphi. The tables of contents are detailed, and the manuals are well indexed. A bibliography lists 15 third-party books on Delphi.

Illustrations include screen and window shots. As John Dvorak says, you can't have too many examples, and Borland makes a good effort. 162 pages — almost 40 percent of the Delphi User's Guide — is devoted to real-life examples of complete Delphi applications. However, the examples in the Help screens are skimpy.

INSTALLATION

Delphi is supplied on a single CD-ROM, but 3.5" diskettes are available on request. Like most software, you install Delphi by inserting in drive D or E, clicking File / Run in Windows, and

running Setup to create the Delphi program group. You must also install Adobe Acrobat Reader (included) to read the online manuals, which normally remain on the CD.

REQUIREMENTS

Delphi requires at least a 386 with at least 6 megabytes of RAM, 30 megabytes of available hard disk space, and CD-ROM drive, and Windows 3.1 or higher. However, a 486 with 12 meg RAM and 65 meg available disk is recommended for better results.

ROYALTY-FREE DISTRIBUTION

If you are a licensed, registered user of Delphi you may compile your own applications, including libraries and source code, and use, copy, sell, or give them away in executable form only. Designated "redistributable" files

include runtime files, drivers, and utilities, such as the install utility, and may be distributed only with compiled software. You may not reproduce the Borland documentation without permission.

TECHNICAL SUPPORT

Borland offers a variety of tech support options. There is a free Installation Hotline, and free Automated Support via modem at (408) 431-5250. Online support includes CompuServe (GO BORLAND — the Delphi forum has 2,400 messages on 850 topics), BIX, GENie, Internet FTP at borland.com, and Borland's Download BBS at (408) 431-5096 (14.4, 8-N-1). TechFax provides tech support fax-back at (800) 822-4269.

Paid support includes the Advisor Line, \$2 per minute with a credit card or using a 900 number, with the first minute free. Client/Server tech support costs \$200 per incident. Annual support contracts cost \$149 per user for the Desktop version of Delphi, \$2,500 per developer for the Developer edition, and \$3,000 per developer for the Client/Server version, with a \$500 discount for the second and subsequent developers.

The Borland KnowledgeBase CD costs \$249 for a one-year subscription, published quarterly.

DEVELOPER LIST

If you're a Delphi developer, or need one, you can take advantage of Borland's Fast Fax automated fax-back service, which lists Borland Connection Members who provide 3rd party consulting, application development, system integration, or training on Borland products. Call (800) 408-0001, select option 1, then option 3.

PRICE

Delphi (current version, 2.0) comes in three editions — a basic Desktop edition, a Developer's edition, and a Client/Server edition for folks who need to network with a minicomputer or mainframe system. Version 2.0 prices are \$500, \$800 and \$2,000, while competitive and regular upgrades are considerably less and rebates may be available, so that the entry-level price may be as low as \$150.

DELPHI vsn. 2.0

Although Borland did not supply us with the current version of Delphi (2.0) to review, we've gleaned some information from PC consumer and trade press reviews.

Version 2.0 is a 32-bit upgrade which requires Windows 95 or Windows NT. It will not run under Windows 3.1 or 3.11, although it can produce compiled 16-bit code for Windows 3.X users. It includes the Borland 32-bit database engine. The 32-bit architecture permits speed increases of 300% to 400% over Delphi 1.0. Borland is expected to support version 1.0 through mid-1997.

The compiler provides excellent error detection, low level optimization, and runtime error handling. It will compile 350,000 lines per minute on a 90 mhz Pentium. Add editions include both 16-bit and 32-bit compilers. Conversion between 16 and 32-bit code is easy, using a single source code base. (Visual BASIC 4.0 includes no 16-bit support in its \$99 Standard edition.)

According to PC Labs (PC Week, Jan. 22, 1996, page 1), version 2.0 is about 2.4 times as fast as 1.0 using integer variables, and 6.5 times as fast with double-precision floating point variables. As such, it is faster than Microsoft C++ 4.0, Symantec C++ 7.2, and even Borland C++ 5.0, but 30% slower than the best C++, Watcom C++ 10.5. CPU-intensive operations run 10 to 20 times as fast as Visual BASIC 4.0.

The new version includes improved OLE support, and adds Win95 controls.

Over 90 visual components are included. Predefined items make Delphi much faster for developing applications than Visual BASIC or Clarion. It is probably the best environment available for encapsulating and reusing one's own work. A lack of more sample code is still described as a weakness.

Like version 1.0, Delphi 2.0 comes in three editions: the basic Desktop edition, a Developer edition which adds object repository, data dictionary and ODBC, and the Client/Server edition which adds multi-programmer features, version control, the SQL edition of ReportSmith, an SQL data editor, and a Visual Component Library with source code.

Multithreading is supported, as are BLOB's (Binary Large Objects, such as GIF or WAV files). A database wizard helps you create one-to-many forms. 2.0 provides access to the entire Win95 API, including multi-threading, Unicode and MAPI.

The ReportSmith report generator is not included in the Desktop edition, but is in the other two editions. It can produce Quick Reports — small, fast, and embedded in the .EXE code.

A Pascal Language Reference Manual is now included.

Dr. Dobbs Journal (June 1996, page 64) describes version 2.0 as a major improvement over 1.0, stating that "Delphi is to C++ what C++ is to C."

PC Week again gave Delphi its Analyst's Choice (March 18, 1996, page 67), but version 2.0 shared the limelight with Visual BASIC 4.0 and Clarion for Windows 1.5. And Windows Magazine (March 1996, page 90), says Delphi 2.0 is the "tool of choice for rapid 32-bit application development".

HOW TO GET IT

The Desktop edition of 2.0 is priced at \$500, with an upgrade price of \$200, less a \$50 rebate to existing Delphi users. The Developer edition costs \$800 and \$300 (less \$50) respectively, and the Client/Server Suite costs \$2,000, or \$1,700 to upgrade from Desktop or Developer vsn. 1.0, or \$1,000 to upgrade from Client/Server 1.0. (Prices as of 3/96.)

For more information, call Borland at (800) 233-2444, ext. 1350, or visit their Web site at www.borland.com. You can order Borland products at (800) 331-0877.

ABOUT THE AUTHOR

Mike Robinson, former President of KIPCUG, is President of Software Development Associates, Inc., a Louisville PC consulting and software firm, and, with his son John, is starting a second company, SDA WEB, providing Web publishing and Internet marketing services to area firms. You can reach Mike at (502) 895-4617 or sda@sdaweb.com.



KIPCUG has a Special offer for you...



Save on New Memberships AND Renewals

You MUST attend our July 9 General Meeting to take advantage of this offer!

Don't miss this meeting - our Special Offer WILL NOT BE REPEATED!

Meeting

REVIEW

by Sharon and Michael Romeo

At 6:30 pm, club president Judy Lococo began our monthly general meeting.

A quick check found about five first-timers attending. The audience size was a tad smaller this time, about 175, and I suspect the hard to resist calls of summer were responsible. I noticed that the sky was still light enough for softball as I left for home after the meeting.

Announcements

Judy's first announcement was the retirement of Gil Levitch as SYSOP of our BBS. Gil has been handling the responsibilities for 12 years and we extend a warm thanks for all of his tireless efforts. Paul Ward has been named his replacement. Please logon soon to "The Fifth Dimension" - a message from Paul is awaiting you with a short sketch of his background. The switch of equipment will take place on July 1st and there will be a new phone number to access TFD: 231-0053.

The next announcement was a request from "Focus Soft, Inc.". They are looking to hire people with experience in Windows NT, Networks, Microsoft SQL Server, Java, C++ and PowerBuilder.

Fred Soward reminded us that he leaves his position in two months and anyone interested in being the Volunteer Coordinator should contact him. Fred will be moving to Wisconsin because Madison was recently in the news as the best place to live in America. Alexis Borden has had to leave her position as Publicity Director and we need an immediate replacement for her. Contact Fred for information.

Bonnie Zepka is our Review Editor. Are you interested in a particular piece of software? Do you want to know if it is a possible replacement for what you now use? Here's a good deal. If you agree to write a professional article for the newsletter showing the results of your analysis, Bonnie can often arrange with the company to send us a copy for evaluation. Track Bonnie down with

messages on the BBS to get more info.

The next Board of Directors meeting will be held on the 2nd of July at the Fifth Quarter on the corner of Hurstbourne and Shelbyville Road. Got any ideas to improve anything about KIPCUG? Do you know how we can increase our revenues; cut expenses; provide better service? Everyone is welcome. The meeting kicks off at 7 pm. If you like, come by 6 and eat with the rest of us.

Steve Goldberg reminded us that next month's presenter is Microsoft. Do yourself a favor and don't miss it. They will be focusing on InterNet Tools. We will be renting a bigger hall to handle a much larger crowd. Over one thousand showed up the last time Microsoft's Tour was in town, so come early for a good seat. Use the time to meet the neighbor sitting next to you.

The vote was unanimous! Not one nay was heard. As of July 1st, the new slate of officers starts their term. Most are familiar names, officeholders from last year. Some have switched to new jobs. There is a lot of work to each of these positions. I sometimes feel overwhelmed with my work as Treasurer and Article Writer and I assure you that most of the others put in more hours than me. However, without any hesitation, I am glad to have had the opportunity to contribute. I want to encourage others to get involved.

If you would like to be a club officer in the future, why don't you start by getting involved in a SIG this year. Can you arrange facilities and equipment? Or how about planning lessons or presentations? Start coming to the Board Meetings and get acquainted with the rest of us. A big help would be to review a significant software product. Contribute to the message threads on our BBS. It's easy to get going. Start letting the rest of us know about you.

There is always plenty of room for contributors.

The new position holders are -

President: Judy Lococo

Vice President: Robert Myers

Secretary: Sharon Kinney-Romeo

Treasurer: Nancy Lorey

Dir. of Programs: Steve Goldberg

Dir. of Membership: Mike Robinson

Volunteer Coordinator: Fred Soward

Dir. of SIGs: Sandy Carr

Three Director-at-Large positions were filled. They are -

WebMaster: Rick Manning

New Mbr Orientation: Paul Newman

Membership Assistant: Bob Streever

The new board proposes the following persons to hold appointed positions. They are -

Newsletter Editor: John Gilkey

Director Emeritus: Marvin Livingood

Legal Advisor: Mike Shaikun

SysOp: Paul Ward

Two Director-at-Large positions are proposed. They are -

Program Setup: Louis Gagle

Mbrship Assistant: Debbie Bulleit.

User to User

with Martin & Puckett

Before each meeting, questions can be penned by users onto index cards. Jim Martin & Dave Puckett practice the act for Las Vegas by reading the questions and refereeing the answers that come from the crowd. It is often said that Jim is the funny one, however, Dave is the one who loves OS/2. You be the judge. Jim had to bail on us this night but Dave bravely carried out a solo.

Problem: A user asks if someone knows a good way to get images from a Logitech Scanner into a WordPerfect document.

Response: Using the Logitech scanner software, save the file as a bitmap file. Then use the Import function from the WordPerfect software.

Problem: Is there a consensus on a good InterNet Provider in this area?

Response: Many users are on the InterNet. They were using IGLOU, PSInet, MindSpring, SpryNet, AT&T and quite a few others as their providers. No one seemed to feel dissatisfied with any of them. In general, the current prices seemed to be \$20/month for unlimited access. There are lower prices for limited hours but try unlimited access for the first month to get a handle on the quality of the service.

Problem: Has anyone used the Video Professor tapes to learn Win95?

Response: Nope. Those who have used the tapes for other things said that they were pleased with them.

Problem: Can I install Dos on a machine that already has Windows NT installed on it?

Response: Maybe. No one has done it, but two software products should get the job done. Partition Magic is a must-have utility for managing disk partitions. It is much better than FDisk. You can reach them at 1-800-379-2566. Once you have multiple partitions on your hard drive, System Commander is a must-have tool to manage which system gets control at boot time. They can be reached at 1-408-296-4224.

Problem: A user is having a problem with MS Works running under Win95. He highlights an area to print but the printout contains other stuff. What's going on?

Response: No one is quite sure. If anyone finds out what's going on, let me know. However, with regard to the printer problem, two other users are doing the same thing on their PCs and everything works fine. Perhaps MS Works or Win95 needs to be reinstalled. Maybe the printer driver needs to be updated with a newer version. Don't forget that video drivers can often interfere with printer drivers. Make sure that it's up-to-date also. Good luck.

Problem: A user is having a problem installing Netscape 3.0 - always telling him that not enough disk space is available when he has umpteen megabytes not being used. What's up?

Response: First of all, many others have installed version 3 with no problems. Check the disk with ScanDisk before the installation. Don't forget that the root directory has a limit of 510

files.

Problem: What is a good way to back up Win95?

Response: A few users are using the Colorado Trakker Tape Backup system. Two have had to restore files on occasion and they were pleased with the results. The Win95 backup software comes with the unit.

Problem: I'm trying to use Procomm 2.4.2 once again. How do I change the Comm settings?

Response: It's been awhile but most memories think Alt-P is the answer. Try Alt-S or Alt-Z if that doesn't work.

Featured Presentation - Adobe Systems with Tom Petrillo

Tom's demo made use of a Panasonic Pentium portable with 48-meg of ram. He's a Macintosh Man so he wasn't sure of the Pentium's speed. Tom comes from Rosemont, IL and can be reached using his e-mail account: "tpetrill@adobe.com".

Adobe has been around since 1982 and first became famous for it's Postscript Language. These days, they put out a slew of products. And what great products they are: Adobe Illustrator, Adobe Photoshop, Adobe PageMaker, Adobe FrameMaker, Adobe Persuasion, Adobe Acrobat, Adobe Type Manager, Adobe PageMill, Adobe SiteMill, etc.... If you need to do serious page layout and design then you've got to check out what they have to offer.

Asking for a show of hands, Tom found 5-6 users of PhotoShop, 5-6 users of PageMaker and 10-11 users of Acrobat. Not many from the crowd seemed to be using them in a daily manner but all of us were anxious to be brought up to date on what these packages can do now.

Tom started out by showing us Photoshop. This is a graphic image manipulation tool that can be used to enhance or alter an image. The software can be used to change a file from one format to another. He showed us how an image can be easily broken up into objects with the various selection tools.

These objects can then be placed onto different layers so that they can be

manipulated in a front-to-back fashion. His demo picture of a fish swimming among coral was the same as I saw at Comdex last week. Impressive stuff to say the least.

The next image he manipulated demonstrated color filters and light sources and textured backgrounds and font handling tools. He started out with a daylight clear-sky picture of a Greek temple and ended up with a twilight sky of pink and purple textured clouds and descriptive text that was affected with shadows. This too was shown to the crowd at Comdex.

We did see a crash back to Win95 at this point. It's always hard to know if crashes are a hardware or software problem with such limited info to analyze but I saw this product for about 2 hours at Comdex with no crashes. I was struck by it's power and flexibility. Of course, this is not a tool for novices. It's a professional tool that requires mucho ram and a great monitor & video-card to do a good job. It retails for \$900 so you don't feel too bad paying \$1,200 for 64-meg of ram.

Adobe has PhotoDeluxe for the Home Market. It retails for \$130 but Tom made us aware that very soon AOL users would be getting a deal of an offer for this product. He went on to show us this product. This consumer orientated version of PhotoShop is mind-blowing. Like the big boy, this software can control a scanner and apply all sorts of color filters and image effects. It strives to make things easier by having a mode that will step the user through one of 25 guided activities. Touch-up photos, Sharpen or Blur Images, Remove Red-Eye, Morph facial features, Attach Heads to the bodies they deserve, etc.... This is neat stuff. This product should be a big winner for them this upcoming Christmas season <IMHO><Grin?>. Be sure and check it out.

We moved on to PageMaker next. What is left to say about this product? I have watched it for so long now that I am totally exhausted from a demo that shows one-tenth of it's capabilities. I remember when Ventura Publisher had the PC Market to itself since PageMaker only worked on Macintosh. For awhile, the rule was to use PageMaker for short documents and

Ventura for manuals. Over time, tho, every shortcoming has been addressed. I did my last major work-project using version 4. Who knows what version 5 was able to do but it seems that version 6 can do it all. This, too, is an amazing product.

Tom overwhelmed us by moving on to Acrobat and PageMill. This man sure knows how to use these products. His presentation was quite powerful and interesting. I would put this demo into the best of the year category. It was packed full of information.

Enough about Tom. He was great and I can't write enough words to do him justice. If you missed him, too bad. You missed a good meeting. He also brought plenty of literature about his products. He was generous in his offerings for our usual raffle at the end.

These meetings of ours are great! Yeah, yeah... after a tough day you can find yourself nodding out when in a dark room for a presentation. But you should come anyway. You'll probably be able to stay awake through most meetings. Go to sleep during some of them if you must. No one is going to put shaving cream on your face. I really get inspired seeing the latest and greatest stuff available for PCs. I'll bet you do too.

Speaking of inspiration and excitation, COMDEX in Chicago. I have been going to Spring Comdex for about 12 years now. It is so much fun, I don't have enough ink to describe it. You must go to the next one. Here is my plan for having a great time. Drive to it. Stay with friends. Take a PC. Go for all four days. Go the weekend before.

Go each minute of the show. Wear yourself out, skip nothing. Bring a brown-bag lunch. Try not to eat lunch, save it for supper. Meet people from far away. Have supper or cocktails with them. Watch no prime-time tv. Next year, Comdex is in Atlanta. After that, it's ten years in Chicago. Chicago is an easy drive for us - 5 hours. So until next year, come to the meetings.

One last point. The display system used to present the PC screen onto a large backdrop was the best I've seen. Even Adobe's Tom Petrillo remarked about it. The unit was an "InFocus Systems LitePro 580". Call Speed Stodghill at Presentation Solutions, Inc. for more info: 1-502-222-7277.

For your review

Announcing the arrival of new software that is available for review. If you can write 700 - 1000 words describing the product and can have the review back to KIPCUG in 30 days then you too can become a software reviewer and you get to keep the software. If you are interested contact Bonnie Zepka at 449-6205 or e-mail to MCDS15A@Prodigy.com, or meet me before the next meeting.

Partition Magic - The Essential Hard-Disk Manager

Maximize your hard disk storage capacity by efficiently resizing partitions and clusters.

System Requirements:

Windows 95 or Dos 5.0 or higher

386SX or higher

4MB RAM

1.44 MB 3.5 inch disk drive

VGA or higher video support

Mouse or compatible pointing device

Instant Memos - Life's Electronic Reminder

Instant Memos will help you manage your busy schedule at home or work.

System Requirements:

Windows 95 or Windows 3.1

VGA or SVGA

Mouse

3.5 inch floppy drive

350KB RAM

at least 1MB hard disk space

Cinemania 96 - Interactive Guide to Movies and the Movie makers

Featuring FREE monthly updates.

System Requirements:

Multimedia PC with 386 or higher processor

8MB RAM (16MB for Windows NT)

CD-ROM drive; sound card and SVGA monitor

Windows95 or Windows NT (does NOT run on Windows 3.1 or earlier)

Mouse and headphones

Dashboard 95 - Award Winning Utility for Windows 95

System Requirements:

Windows 95

386 PC or compatible (recommended IBM PC486)

4MB RAM (recommended 8MB RAM)

3MB free hard disk space

Label Store - Customize Your Own Labels in Minutes

System Requirements:

Windows 3.1 or higher

SVGA or VGA graphics

4MB RAM

486 or faster

CD-ROM and mouse

Inkjet or laser printer

Stationery Store Junior - Ages 8 and up

Make your own custom cards, stationery and envelopes!

System requirements:

Windows

CD-ROM drive

1MB hard disk space

Sticker Store Junior - Ages 6 and up

Make your own stickers, name badges and more!

System requirements:

Windows

CD-ROM drive

1MB hard disk space

It was fun ... but I'm glad it's over!

By Judy Lococo
KIPCUG President

Whew! Spring APCUG/COMDEX is history, and I know there are at least seven of our directors who can breathe a sigh of relief. KIPCUG was represented by John Gilkey, Fred Soward, Steve Goldberg, Sharon Kinney-Romeo, Debbie Bulleit, Alexis Borden and myself. Ric Manning was also in Chicago, but he was representing his newspaper (as was John who pulled double duty).

The APCUG events were the weekend before the official start of COMDEX, and included a two-day session of roundtables devoted exclusively to user groups and how to improve them. Since I was the Co-Chair of the Roundtable Committee, along with another APCUG Advisor from Seattle, Dan Lumsden, I can safely say that these were the BEST roundtables ever! <impish grin> However, since my job description demanded my undivided attention to getting these roundtables staged successfully, I was unable to attend any of them for longer than five minutes at a time. It was actually quite difficult to have to leave some of these to go put out a fire somewhere else. BUT, since we had six other directors attending these meetings, I will definitely expect the other directors attending to submit reports and articles.

The vendor sponsors this year were just as hospitable as ever, and I'm always so pleased to see them after six months or so. KIPCUG benefits greatly from these people, as whenever they come to our general meetings, they always send us a top-notch presenter and as many door prizes as they can reasonably justify. They also routinely send us evaluation software, etc. for review, so that our newsletter will also benefit from their largesse. Of course it is a symbiotic relationship, but for a charitable organization, (translation: poor) it helps out tremendously. The amount of vendor support KIPCUG enjoys even today is amazing, not only



to me, but other user group officers as well. This status, however, requires nurturing, and I'm just glad I have the time and opportunity to do this for our group. It's a tough job...<grin>

COMDEX itself was quite a bit smaller by industry standards this spring. For one thing, it was being held in Chicago instead of Atlanta, and there are a lot of computer junkies in Florida & Georgia. For another thing, Softbank held this event almost two months later in the year, thereby competing against two other trade shows, the PC Expo and the Intergalactica. Not only were attendees forced to make a choice on which one to attend, but the vendors were forced to do so as well. Spring COMDEX is noticeably smaller than the fall show in Las Vegas, but this time it was smaller even by the usual standards.

Of course there just has to be one personal COMDEX story. There wasn't quite as much foolishness occurring this year as in previous ones, but I would guess this is because my serious duties required more of my time. Traffic, and commute time were atrocious in Chicago. We spent a good deal of our time on a bus traveling from our hotel to the exhibit floor, since we were lodged quite a distance from COMDEX. I could have driven my own vehicle, since I did elect to drive this spring, but I have built a reputation of not driving my own car when in a strange town. In fact, I have educated a few of the

unwary passengers at previous COMDEX, and they have told all their friends, so now when we decide to use my car to go anywhere, some experienced rider will immediately volunteer to be the designated driver! It's rather like the hunting trip where whoever complained about the food had to cook. I have made certain that anytime I'm forced to drive because no one else will volunteer, it will be the wildest ride I can muster. We're talking white knuckles, in fact. No, I wasn't asked to drive at any point this spring!

The Press parties were also scarce this spring, but I did make it to the NT Champ Fest and the Microsoft Geek Fest, along with several friends who always make it a much more interesting event with their one-liners, etc. I was also able to get a peek at KIPCUG's own Webmaster ROCKING at the Geek Fest! I also noticed Ryke Lent, who was the Ziff Davis Interactive presenter last month, doing an outstanding imitation of a bump, even though his presentation here had not a hint of his proficiency with disco and rock music.

I would guess that 85% of the COMDEX exhibits were companies engaged in Web publishing, both on the Internet and the Intranet. This activity is not just limited to the small, fringe-type companies, either, as the heavy heads such as Microsoft, Corel, Borland, Adobe, etc., in fact every major vendor I saw. I suppose it would be safe to say that "Intranet" was the buzzword of this COMDEX. Followed closely by "firewall". Digital cameras were also in evidence much more than before, but I wasn't overwhelmed with hardware at this one as I have been at previous COMDEX exhibitions.

COMDEX spring will return to Atlanta next year for the last time, and will then be held in Chicago for the following ten years. So if you are planning to attend after next spring, go north to Merrillville and turn left. And brace yourself for some of the worst traffic you've ever encountered.

Microsoft Internet tour visits the Kentucky-Indiana PC User Group!

Microsoft Corporation invites you to Unlock the Potential of the Internet by taking part in our 19-city Summer User Group Tour!

Whether you are an Internet novice or a "Webhead" this meeting will provide you with all the information necessary to take advantage of the Internet and the activating capabilities of Microsoft technologies such as Internet Explorer version 3.0.

Representatives from Microsoft will demonstrate the tools and technologies available to access the Internet as well as take advantage of the powerful and rich content that the Internet provides. By attending this meeting you will learn Microsoft's complete Internet strategy from browser to server (and you may win a T-shirt too!).

Internet Explorer 3.0

Learn how easy and fast getting on and browsing the Internet can be, then watch the web come to life with the excitement Microsoft's new ActiveX technologies bring to the web.

ActiveX Technologies

If you are currently working on the Internet or developing Windows-based applications, you will see how Microsoft's ActiveX technologies will leverage your current investments made in developer tools and training. ActiveX will allow you to move the Internet beyond static documents to a webpage that is rich, exciting, and useful.

Front Page

Once you've seen how easy and cool the Internet can be we'll show you how

to utilize Microsoft FrontPage to build your own website which will enhance your business and communications.

This meeting is Co-sponsored by the Kentucky-Indiana PC User Group (KIPCUG), will be held on Tuesday, July 9, 1996, at 7:00 PM at the Hurstbourne Hotel and Convention Center at 9700 Bluegrass Parkway in Louisville. Admission is free and open to the public.

We recommend arriving early as seating is limited. Hope to see you there!

For more information go to one of the following sites on the World Wide Web: <http://www.kipcug.org> or check in at <http://www.microsoft.com/devonly/community/events/ugtour.htm>

Application for Kentucky Indiana PC Users Group, Inc. Membership

Annual dues: \$35. Make checks payable to: KIPCUG, 219 N. Hubbards Ln. Suite B-26-318, Louisville, KY 40207

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Credit card only: Account No: _____ Expires: ____/____ Signature: _____

What activities interest you: General meetings Software library The Fifth Dimension BBS Newsletter

What Special Interest Groups (SIGs) interest you: _____

How did you hear about KIPCUG? _____

What hardware do you use? _____

What software do you use? _____

FATHERS DAY DEALS!

TORAY DUAL PD/CD

Now on display! Toray Phasewriter Dual PD/CD Drive. Its BOTH a 650 meg read/write PD drive AND a quad spin cd-rom drive! Features SCSI-II Interface, one pass PCA technology, caddyless design and fits in a 5 1/4" bay!

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COLORADO 800M TAPE....189
1.44 MEG FLOPPY DRIVES...29
486DX2-80 MB W/CPU.....139
PENTIUM PCI MB.....179

General Meeting

Tuesday, July 9, 1996 @ 7:00 pm

Hurstbourne Hotel & Convention Center

Featuring Microsoft Internet Tour!

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