

WINDOWS THE BEST
OF MICROSOFT
**SHAREWARE
&
FREEWARE**

June 1992 Edition

Edited by:

Diego A. Aranda (DAA7365@VENUS.TAMU.EDU)

I've been using Windows in one incarnation or another for about two years. I imagine part of the reason I'm so pleased with its performance is due to the addition of numerous **SHAREWARE** and **FREEWARE** applications and utilities. Software developers have taken the advantages of the Windows environment to new heights - and SHAREWARE/FREEWARE utilities are now as good as (or better than) the commercial products available. In order to help out those new to Windows, I have decided to compile a monthly **BEST-OF** list of Windows 3.x applications. In addition to providing information about the **BEST** and **NEWEST** programs, this list is intended to **THANK** the authors of the mentioned software, for providing them at low or no cost, and for benefitting the state of Windows computing.

The software I review is measured on a price/performance ratio. Due to this, **FREEWARE** apps **WILL RECEIVE HIGHER RATINGS THAN SHAREWARE UTILITIES OF EQUAL MERIT**. For the most part, the people in Internet-Land are college students (like myself) and short of available funds. If a software developer uses his considerable talents to write a useful utility, then grants it to the public domain, I believe this **DESERVES A HIGHER RATING**. If you don't believe this is a fair policy, write me E-Mail and try to convince me otherwise.

The rating system is quite simple - **FIVE STARS** indicates an application which is so useful, fairly priced, or easy-to-use that it's just about perfect. In practical terms, this means that I believe this is one to **DEFINITELY DOWNLOAD** and **REGISTER**. The scale goes down from **FIVE** to **ONE**

STAR(S), FIVE BEING THE BEST, THREE BEING AVERAGE, and ONE BEING LESS THAN SATISFACTORY in any given area. Any product **RECEIVING A ZERO** in an area is designated **UNACCEPTABLE**. The areas I intend to quantify are **PRICE, PERFORMANCE, ERGONOMICS (AND EASE OF USE), AESTHETIC DESIGN, QUALITY OF DOCUMENTATION and OVERALL VALUE. FEATURES LACKING IN A PROGRAM WILL BE NOTED AS WELL.** If you can think of another category which should be added, please E-Mail me.

Any software to be reviewed must be available at **CICA - the Center for Innovative Computing Applications** in Bloomington, Indiana (<ftp.cica.indiana.edu> or IP address **129.79.20.84**). **CICA** is acknowledged to be the **BEST WINDOWS 3.x SHAREWARE/FREWARE ARCHIVE SITE**, and thus, in the interest of providing one-stop downloading for those using this list, the reviewed software will be placed on CICA in the **pub/pc/win3** directories.

If you cannot access **CICA**, the following remote sites mirror the CICA archives and are available for **ANONYMOUS FTP**:

UNITED STATES

wuarchive.wustl.edu [128.252.135.4] in mirrors2/win3

clvax1.cl.msu.edu [35.8.2.1]

relay.cs.toronto.edu [128.100.3.6]

gandalf.umcs.maine.edu [130.111.112.21]

OVERSEAS

funet.fu.net

monu6.cc.monash.edu.au

uk.ac.ic.doc.src

If you are aware of any **SHAREWARE** or **FREWARE** programs for Windows 3.x worthy of consideration for this list, please E-Mail me at DAA7365@VENUS.TAMU.EDU (or at **SIGMA, ZEUS, RIGEL, SUMMA** or **TAMUTS** in place of **VENUS**).

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As reviewing and testing the thousands of new and available **SHAREWARE/FREWARE** programs is a constant process, each edition will build upon the last - by this I mean that each new edition will include the last month's reviews as well. This is to facilitate a constantly updated list, and to grant credit where it is due: to the authors of the **BEST-OF-CATEGORY** programs.

THIS MONTH'S FEATURES (in the order in which they appear):

ICON-BASED PROGRAM LAUNCHERS

TEXT-BASED PROGRAM LAUNCHERS

HYBRID PROGRAM LAUNCHERS

COMMAND-LINE INTERFACES

SYSTEM RESOURCE MONITORS

GRAPHICS VIEWERS/CONVERTERS

COMMUNICATIONS/TERMINAL PROGRAMS

DECOMPRESSION UTILITIES

ICON EDITORS

MUSIC & SOUND UTILITIES

MISCELLANY (NOTEWORTHY ODDS & ENDS)

USER'S CHOICE AWARDS
TIPS & TRICKS SECTION
SHAREWARE/FREWARE IDEAS
NOTE TO SHAREWARE DEVELOPERS
DIRECTORY OF CICA FILES
PARTING COMMENTS (FAVORITE QUOTES)

CATEGORY: ICON-BASED PROGRAM LAUNCHERS

Admittedly, for many purposes, the **Program Manager** included with Windows is quite satisfactory. However, the Program Manager utilizes too much screen space, and can be a resource drain in the 3.0 version. This category of utility is intended to provide an alternative program launching method - preferably using fewer resources and occupying less screen space.

PRODUCT: APPBAR v3.14159 (FREWARE)
AUTHOR: GEERT VAN KEMPEN - GEERT@PH.TN.TUDELFT.NL
LOCATION: CICA - APPBAR.ZIP /PUB/PC/WIN3/UTIL



Available as **APPBAR.ZIP** on **CICA**, this is a **FREWARE** utility which is highly customizable, and extremely easy to use and maintain. AppBar consists of a configurable strip of icons down the right side of the screen (as default). The button-bar can be placed in any of the four screen corners. Up to 32 programs can be inserted and launched by AppBar, and AppBar includes **STAY-ON-TOP**, **QUICK-EXIT**, and **SINGLE-CLICK** features. AppBar is the only reviewed product capable of being formed into columns. AppBar is the only product which allows users to close running applications from the launcher as well. Programs can be configured with a start-up directory, and can start in **NORMAL**, **MINIMIZED**, or **MAXIMIZED** mode. A very handy **APPSETUP** utility is included, and as a shell, AppBar will execute the **RUN** and **LOAD** statements in **WIN.INI**. AppBar includes MANY icons ready for use (some of these are the new 3.1 icons). Lacking only a drag/drop function for data files (which Route1 and WinDock include) and the ability to run programs in the **STARTUP** group of 3.1, AppBar is a superb product. The amount of total file space required (**.EXE** only - disregarding ***.ICO**, the **.INI** file and the documentation) is 92,160 bytes.

EDITOR'S NOTE: I have been privileged to be involved in a beta-test of the next version of AppBar. The new version under development includes full drag/drop support for Windows 3.1, and allows the use of icons in **.ICO**, **.EXE** and **.DLL** files. The new version of AppBar will automatically create button-look icons, and will remain **FREWARE**.

PRICE: FIVE STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FOUR-AND-A-HALF STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FIVE STARS

PRODUCT: LAUNCHER v1.1 (FREWARE)
AUTHOR: STEVE YEGGE - STEVEY@CS.WASHINGTON.EDU
LOCATION: CICA - LAUNCH11.ZIP /PUB/PC/WIN3/DESKTOP



Launcher is unique among the graphic-based program launchers - it uses bitmapped (**.BMP**) graphics rather than icon (**.ICO**) files. This allows for larger buttons, and is better suited to high-resolution displays. The drawbacks to this method are the refresh speed of the button-bar, and the amount of resources required. In addition, a 1024x768 display will only provide space for 16 applications (using the default **.BMP** size). Launcher is an effective product however. It launches programs quickly, and allows the user to customize the size of the bitmaps (the default size is 48x48 pixels - standard icon files are 32x32 pixels). Launcher includes many pre-drawn **.BMPs**, but creating your own is slightly more difficult than creating new **.ICO** files. If you have need for a larger-than-average button-bar however, Launcher is the only choice. The amount of disk space required by Launcher (excluding ***.BMP**, the **.INI** file, and the documentation) is 31,232 bytes.

PRICE: FIVE STARS
PERFORMANCE: THREE-AND-A-HALF STARS
ERGONOMICS: FOUR STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-A-QUARTER STARS

PRODUCT: NEXT APPLICATION BAR v3.1 (SHAREWARE)
AUTHOR: LEE CJIN PHEOW
BLK 3, DELTA AVENUE
#09-22,
SINGAPORE 0316
REPUBLIC OF SINGAPORE
LOCATION: CICA - NEXT31.ZIP /PUB/PC/WIN3/UTIL



NeXT Application Bar patterns itself after a feature of NeXT computer system's NeXT-Step operating system. The NeXT Bar is extremely attractive, and effective for launching programs as well. The NeXT bar uses the standard **.ICO** files, as well as **.EXE** and **.DLL** files. The NeXT Bar includes a built-in digital clock, a screen-blanker, an implementation of **Raise** (see **MISCELLANY CATEGORY**) and its own version of **X-Eyes** (an icon which follows the cursor). As a shell, the NeXT Bar executes the **RUN** and **LOAD** lines of the **WIN.INI** file. The NeXT Bar provides for as many as 50 programs on the button-bar, but screen space limits this on an average display. The NeXT Bar is well-designed and functional, but it remains up to the individual to determine whether the clock and eyes are worth the \$15 registration. AppBar or Launcher provide the same level of program-launching capabilities at no cost. This version of NeXT Bar is troubled by some annoying bugs - the program crashes fairly often when editing and restarting the **.INI** file. The amount of disk space required (excluding the **.INI** file and the documentation) is 157,185 bytes.

PRICE: THREE STARS (AVERAGE FOR THIS CATEGORY)
PERFORMANCE: FOUR STARS
ERGONOMICS: FOUR STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-A-QUARTER STARS

PRODUCT: ROUTE1 v2.0 (SHAREWARE)
AUTHOR: D.A. KARP - DAARON@OCF.BERKELEY.EDU
LOCATION: CICA - ROUTE21A.ZIP /PUB/PC/WIN3/UTIL



Route1 incorporates some very good ideas that no other program launcher in this category includes. The button-bar can be minimized to a small button in the upper-right corner of the screen, and Route1 includes a Tools menu. Route1 facilitates branching horizontal button-bars, and includes a switchable analog/digital clock. Route1 can be set for **SINGLE** or **DOUBLE CLICK** operation, and allows drag/drop movement of the buttons on the bar. Route1 uses the standard **.ICO** files, and includes many pre-drawn icons. Route1 functions well as the Windows shell, but is slightly slower than the other programs in this category. If you need specific features missing from **AppBar** or **Launcher**, give Route1 a look. Registration is \$14. The amount of disk space required (excluding ***.ICO**, the **.INI** file and the documentation) is 78,714 bytes.

PRICE: THREE STARS (AVERAGE FOR THIS CATEGORY)
PERFORMANCE: FOUR STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-A-HALF STARS

PRODUCT: WINDOCK v1.5 (SHAREWARE)
AUTHOR: BRIAN CAPSON - BECAP@CS.MCGILL.CA
LOCATION: CICA - WINDOCK.ZIP /PUB/PC/WIN3/UTIL



WinDock was the first of the **ICON-BASED PROGRAM LAUNCHERS** to provide full drag/drop capabilities. When combined with Windows 3.1, WinDock is an **EXTREMELY** easy to maintain program. To change the icons on the button-bar, just grab a file from File Manager and pull it onto the button-bar. With WinDock you never have to manually edit the **.INI** file. Changing program settings is also easy - just right-click on the proper icon. WinDock automatically takes the icon in the program's **.EXE** file and creates a button-look icon, making it effortless to customize the appearance of the button-bar. You can drag data files to WinDock as well - for example, you can drag a **.TXT** file to **Notepad** on the button-bar and Notepad will start up with the data file loaded. WinDock provides complete functionality as a shell - it runs all entries in the **RUN** and **LOAD** lines of the **WIN.INI** file, as well as those in the **STARTUP GROUP** of Windows 3.1 WinDock includes a great feature called **MAXVIEW** - which makes the button-bar visible at all times (even when other applications are maximized). In addition, WinDock has a **STAY-ON-TOP** feature, and the ability to run programs not on the button-bar (via a Run dialog box). WinDock is the most functional of the **ICON-BASED PROGRAM LAUNCHERS**, and the most desirable of the **SHAREWARE** programs in this group. Once again, it remains up to the individual user to determine whether they need the extra functions in WinDock at extra expense over **AppBar**. WinDock costs \$15 to register. The amount of disk space required (excluding the **.INI** file and the documentation; **.EXE** and **.DLL** only) is 45,968 bytes.

PRICE: THREE STARS (AVERAGE FOR THIS CATEGORY)
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FOUR STARS

QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-THREE-QUARTER STARS

RANKINGS:

This was the closest category to judge in terms of performance. Each and every product in the **ICON-BASED PROGRAM LAUNCHER** group does what it is meant to do - launch programs quickly while using less screen space and fewer resources than Program Manager. By this measurement, EVERY product in this category is superb. All of these applications are well-designed, require very little disk space, and most are very attractive as well. The one area in which these programs differ in is price. The three SHAREWARE programs are very similar in price - \$14 to \$15, and generally provided several small but useful features which the two FREEWARE programs do not provide. However, the two FREEWARE programs score highly in terms of price/performance ratio. Ranked by **OVERALL VALUE** (overall value measures features vs. price), these are the results:

1. **APPBAR v3.14159**
2. **WINDOCK v1.5**
3. **ROUTE1 v2.0**
4. **NEXT APPLICATION BAR v3.1**
5. **LAUNCHER v1.1**

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CATEGORY: TEXT-BASED PROGRAM LAUNCHERS

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This category provides the same advantages as the **ICON-BASED PROGRAM LAUNCHERS**. Usually sparse on system resource requirements, these utilities generally occupy even less screen space than their ICON-BASED counterparts. Usually invoked by right-clicking on the desktop, **TEXT-BASED PROGRAM LAUNCHERS** are **POP-UP MENUS**. These generally can launch more applications due to fewer constraints by screen space, and are usually faster to refresh than ICON-BASED launchers. Below is an example of what a pop-up text menu looks like:

Excel
WinWord
CorelDraw
Unicom
File Manager
Program Manager
X-Bar
Runner
Launcher

PRODUCT: ADDMENU v0.3.4 (FREWARE)
AUTHOR: ROBERT M. RYAN - ROBERT_RYAN@BROWN.EDU
LOCATION: CICA - ADDMNU34.ZIP /PUB/PC/WIN3/UTIL



AddMenu lets a user customize the **SYSTEM MENU** (the menu activated by clicking the leftmost, topmost button on a window frame). This makes it possible to run another application without having to pull up ANY program launcher. No longer do you have to dredge up **Program Manager**, find the right Program Group, and double-click the right icon! For example, if you use **File Manager** frequently, add it to the system menu. If you're running an application maximized you no longer need to minimize that application to find your program launcher. Place AddMenu in the **LOAD** line of your **WIN.INI** file, and it will provide you with customized system menus at startup. Additionally, AddMenu can be configured to run without any icon on the desktop - saving precious screen space. AddMenu requires only a very small amount of system resources, and no screen space until activated. The total disk space required by AddMenu (**.EXE** and **.DLL** only - excluding **.INI** and documentation) is 22,810 bytes. AddMenu is **FREWARE**.

PRICE: FIVE STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FIVE STARS

PRODUCT: BACKMENU v2.30 (SHAREWARE)
AUTHOR: IAN HEATH - IH@ECS.SOTON.AC.UK
LOCATION: CICA - BACKDESK.ZIP /PUB/PC/WIN3/UTIL



BackMenu was the first of the pop-up menu program launchers to make the Windows scene, and is still one of the best in terms of features. BackMenu can launch more applications than any other application in this class because it isn't limited by vertical screen size. BackMenu provides for branching menus, which not only make it possible to specify more programs, but also to classify them in groups. BackMenu is extremely configurable, and provides for specific start-up directories. BackMenu is the only pop-up menu I'm aware of which uses a hot-key, making keyboard use possible as well. BackMenu allows applications to be started in **NORMAL**, **MAXIMIZED**, or **MINIMIZED** mode. As a shell, BackMenu performs superbly. BackMenu requires no screen space until activated, and only small amounts of resources (although slightly more than the other programs in this group). The only drawbacks to BackMenu are that it is slightly slow to start, and the registration fee is 25 pounds (the author lives in England). Although the fee registers **BigDesk** (a virtual-screen utility) as well, the price is prohibitive. The total disk-space required by BackMenu (excluding **BigDesk**, documentation and **.INI**; **.EXE** and **.DLL** only) is 85,088 bytes.

PRICE: ONE STAR
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-HALF STARS

PRODUCT: DESKTOP HELPER VERSION v1.0 (SHAREWARE)
AUTHOR: ROBERT E. ALLEGER - COMPUSERVE I.D. #70240,264
LOCATION: CICA - DH10.ZIP /PUB/PC/WIN3/DESKTOP



Desktop Helper is an extremely resource-conscious utility. In occupying no screen real-estate until activated, Desktop Helper is also very useful for the "cluttered desktop" of today's GUI. Desktop Helper is great at launching applications - it is very fast and extremely easy to use. In addition, Desktop Helper takes almost no time at all to load. Up to 48 programs can be launched by this pop-up menu, but screen space may limit that number. Desktop Helper provides a **RUN** feature to launch applications not implemented into the **.INI** file, and can cascade and tile windows, arrange icons, and act as the Windows Task Manager. Unfortunately, Desktop Helper does not prove sufficient as a shell - it cannot launch the applications in the **RUN** and **LOAD** lines of the **WIN.INI** file. In addition, when configured as the shell, Desktop Helper uselessly occupies screen space by maintaining a Title Bar at the top of the screen. Programs cannot be configured with startup directories, and unlike **BackMenu** or **Usher**, Desktop Helper does not allow branching menus. The registration fee for Desktop Helper is \$15. The disk space required by Desktop Helper (**.EXE** and **.DLL** only - excluding **.INI** and documentation) is 36,352 bytes.

PRICE: THREE STARS
PERFORMANCE: FOUR STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR STARS

PRODUCT: HALF-SHELL v1.1 (FREWARE)
AUTHOR: TROY N. STEPHENS - COMPUSERVE I.D. #76625,2402
LOCATION: CICA - HSHL11.ZIP /PUB/PC/WIN3/DESKTOP



Half-Shell takes a minimalist approach to launching applications. The author's stated intent is to free up memory for applications and, above all, make Windows load faster. Half-Shell admirably meets its designed goals. Half-Shell provides for up to 26 applications, and is very easy to use. Although it requires a small amount of screen space (as either an icon or a bar on top of the screen), the efficient use of resources more than makes up for this. One of the best features in Half-Shell is that it provides for the use of more than one shell - using the included utility **SwapShell**. SwapShell changes between your existing shell and Half-Shell, quickly and easily. Half-Shell functions perfectly as the main shell, launching the **RUN** and **LOAD** lines of the **WIN.INI** file. Best of all, Half-Shell is **FREWARE**. The disk space required by Half-Shell (excluding the **.INI** file and documentation, **.EXEs** only) is 37,270 bytes.

PRICE: FIVE STARS
PERFORMANCE: FOUR-AND-THREE-QUARTER STARS
ERGONOMICS: FOUR-AND-A-HALF STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-THREE-QUARTER STARS

PRODUCT: USHER v1.4c (SHAREWARE)
AUTHOR: GEORGE BROWNING - GEORGE@CATT.NCSU.EDU
LOCATION: CICA - USHER14C.ZIP /PUB/PC/WIN3/UTIL



Usher provides all of the superb functionality of **BackMenu** for less than one-third the cost. Usher is a pop-up menu which requires only **9k** of memory, yet allows for up to ten levels of hierarchical menus! Usher provides for start-up directories, and can start applications in **NORMAL**, **MAXIMIZED** or **MINIMIZED** mode. The most amazing thing about Usher is that it is **not** ONE MENU - it can be as many as THREE. Depending upon the number of buttons your mouse has, Usher can have one, two, or three distinct menus. One menu can be activated by right-clicking on the desktop, the second by left-clicking, the third by middle clicking. With Usher you can launch every application you have - and only occupy a fraction of the possible number of combinations Usher provides for. Usher is the only pop-up menu to feature optional date, time, resource monitoring, and memory monitoring functions. Usher will execute the **RUN** and **LOAD** lines of **WIN.INI** when configured as the shell. Usher is highly configurable, and although slightly more complex to set-up than the other pop-up menus, it is superb. Registration is \$15, and the total amount of disk space required by Usher (excluding documentation and the **.INI** file) is 25,088 bytes.

PRICE: THREE STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-THREE-QUARTER STARS

RANKINGS:

Each of the TEXT-BASED PROGRAM LAUNCHERS is effective at launching applications. All are useful, all are fairly quick and all are superb in their resource management. Three are pop-up menus (**BackMenu**, **Desktop Helper**, and **Usher**), one is an icon/title bar (**Half-Shell**) and one is a system menu (**AddMenu**). Personal preference and needs will dictate which style of launcher to use. In my rankings, however, I consider only **OVERALL VALUE** (price/performance [features] ratio). Thus, the results:

1. **USHER v1.4c**
2. **ADDMENU v0.3.4 (TIE)**
2. **HALF-SHELL v1.1 (TIE)**
3. **BACKMENU v2.30**
3. **DESKTOP HELPER v1.0**

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CATEGORY: HYBRID PROGRAM LAUNCHERS

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A **HYBRID PROGRAM LAUNCHER** is a cross between the **ICON-BASED** and **TEXT-BASED** launchers. Generally, the products in this category incorporate both bitmapped buttons and text

menus to start applications. In terms of screen real-estate and system resources they usually require more than either of the other LAUNCHER categories, however, they also usually require fewer resources than Program Manager. Hybrid launchers have just begun to appear - these few are the earliest attempts, and show strengths and weaknesses. Although these programs boot more slowly due to their requirements, these programs often allow a user to specify more programs than ICON or TEXT launchers do. So, which TYPE of launcher to use? That's purely a matter of personal preference.

PRODUCT: FEDERATION CONTROL PROGRAM TRANSPORTER (SHAREWARE)

AUTHOR: ANTHONY TARGONSKI

LOCATION: CICA - FEDPRO.ZIP /PUB/PC/WIN3/DESKTOP



If you are an AVID Star Trek fan, this program might be what you're looking for. Providing a list-box for launching programs, the FedCon Transporter is fairly useful. The program itself is slow to start up, and heavy on the resource requirements. If you're looking for a hybrid launcher because it's what you NEED to actually accomplish work, look to Ottomenu. The FedCon Transporter is an amusing program that shouldn't require the user to register it. Registration is \$15. The Federation Control Program Transporter is available on **CICA** as **FEDPRO.ZIP**, and the total disk space required (in **.EXE** and **.DLLs**, excluding **.INI** and **documentation**) is 224,360 bytes.

PRICE: TWO STARS

PERFORMANCE: THREE STARS

ERGONOMICS: FOUR STARS

AESTHETIC DESIGN: FOUR STARS

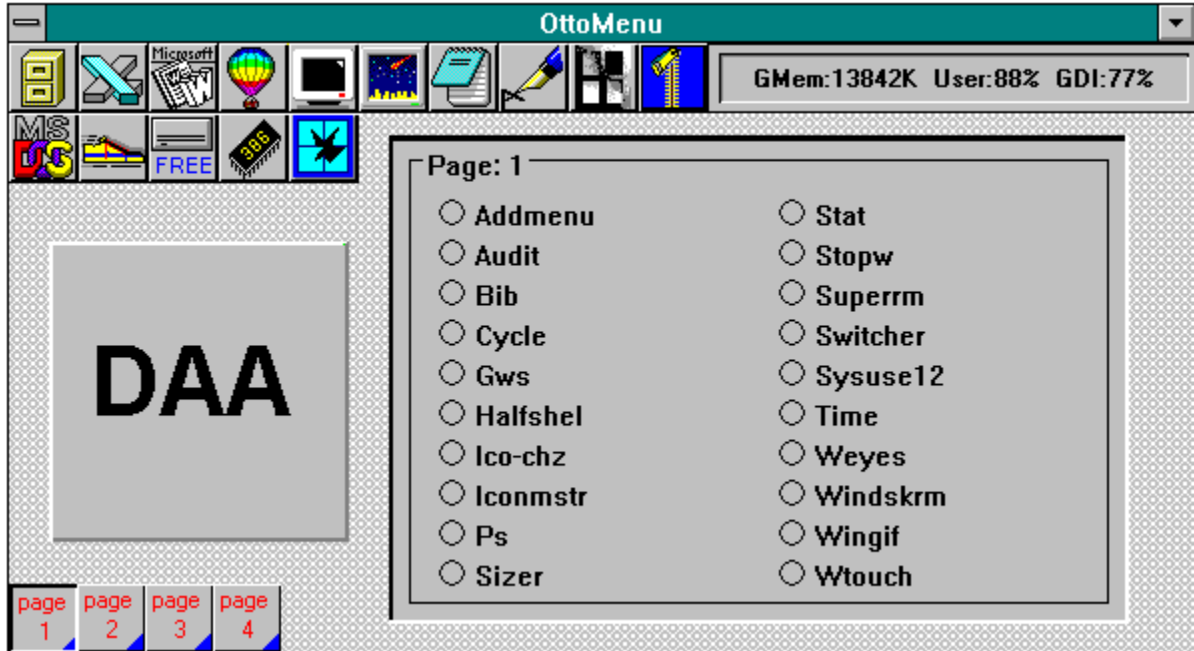
QUALITY OF DOCUMENTATION: THREE STARS

OVERALL VALUE: THREE-AND-A-HALF STARS

PRODUCT: OTTOMENU 3.7 (FREWARE)

AUTHOR: DOUG OVERMYER - OVERMYER@NETCOM.COM

LOCATION: CICA - OM37.ZIP /PUB/PC/WIN3/DESKTOP



If you have LOTS of programs, **Ottomenu** is the launcher for you! Ottomenu provides for **95** applications by dividing between 15 icon buttons (five are pre-set and static) and 80 radio buttons (4 pages of 20 each). I had never seen a launcher use radio buttons prior to seeing Ottomenu - I really like the concept. Radio buttons occupy less screen space than either icons or pop-up text menus. Ottomenu is EXTREMELY EASY to configure if you have Windows 3.1 - just drag the data file to the radio button or icon, and the **.INI** file is modified for you. Ottomenu is also great for those of you who like to customize your workspace - you can place a large bitmapped graphic on the face of Ottomenu. Ottomenu even provides memory monitoring features. Sounds good? It is. Even better is the fact that Ottomenu is FREE. The one drawback I can find to Ottomenu is the program starts up somewhat slowly. Named **OM37.ZIP**, Ottomenu is available from CICA in the **pub/pc/win3/desktop** directory. The total amount of disk space required by Ottomenu (excluding the **.INI** file and documentation, **.EXE** and **.BMP** only) is 82,942 bytes.

PRICE: FIVE STARS
PERFORMANCE: FOUR-AND-THREE-QUARTER STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-THREE-QUARTER STARS

PRODUCT: STATLINE v3.0 (SHAREWARE)
AUTHOR: JAMES BELL - JB1@CIS.UFL.EDU
LOCATION: CICA - STAT30.ZIP /PUB/PC/WIN3/DESKTOP



StatLine is not strictly a program launcher. It also incorporates a resource monitor, a clock, a date function, and miniature notepad. Although StatLine only provides for seven programs in the **.INI** file, it includes a **QUICKRUN** feature which allows other programs to be launched by typing the name or by selecting and clicking with the mouse. StatLine is the fastest program to load in

this group. StatLine's clock has a **CHIME**, which can be set for either beeps or Windows 3.1's **ASTERISK.WAV** sound. StatLine can be set as the shell, and will execute the programs in the **WIN.INI RUN** and **LOAD** lines. Registration is \$10, and the total disk space required (excluding **.INI**) is 98,688 bytes.

PRICE: THREE STARS
PERFORMANCE: FOUR STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR STARS

RANKINGS:

There are two very good programs in this group. **Ottomenu** is a great program launcher for anyone with many programs, and **StatLine** is a very useful system monitor/clock/calendar. Perhaps StatLine isn't really a **HYBRID PROGRAM LAUNCHER** (because it only launches seven applications) but it fits into this category because it does launch (some) applications, and crosses both text and icons. Although the **Federation Control Program Transporter** does launch applications, its utility is offset by the cost. The rankings, then, are:

1. **OTTOMENU v3.7**
2. **STATLINE v3.0**
3. **FEDERATION CONTROL PROGRAM TRANSPORTER**

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CATEGORY: COMMAND-LINE INTERFACES

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Although **GUIs** are superior in many ways to the old command-line of **DOS** lore, sometimes it's quicker to type **COPY PKUNZIP.EXE C:\WINACC** than it is to pull up **File Manager**, select **PKUNZIP.EXE**, and drag it into another directory. It's also very easy to launch applications from a command-line - often easier than to have to hunt up a program launcher from beneath a pile of windows. And unless you run in **386 Enhanced Mode** and have lots of free memory, having an open DOS box onscreen at all times is impossible. **COMMAND-LINE INTERFACES** for Windows provide the benefits of a genuine DOS session (and sometimes many benefits DOS can't touch) while requiring only a fraction of the real memory resources.

PRODUCT: 4WIN v1.10 (SHAREWARE)
AUTHOR: TERRATECH
19817 61ST. AVE. S.E.
SNOHOMISH WA. 98290
LOCATION: CICA - 4WIN110.ZIP /PUB/PC/WIN3/UTIL



4Win is an improvement over running a **DOS** session in Windows for two reasons: first, it requires less memory than a dedicated DOS session, and second, because it allows the launching of Windows apps from a command-line. There are no surprises to 4Win - it is just a

simple command-line. Although 4Win has no special features, it is an improvement over running a real DOS session. The total disk space required by 4Win (excluding the documentation and .INI file) is 54,018 bytes. Registration is \$20.

PRICE: TWO STARS
PERFORMANCE: THREE STARS
ERGONOMICS: THREE STARS
AESTHETIC DESIGN: FOUR STARS
QUALITY OF DOCUMENTATION: THREE STAR
OVERALL VALUE: THREE STARS

PRODUCT: U/WIN v1.1a (SHAREWARE)
AUTHOR: THE BOOLEAN GROUP
3715 HAMPTON BLVD.
ROYAL OAK, MICHIGAN
48073-2105
(313) 549-8910
LOCATION: CICA - UWIN.ZIP /PUB/PC/WIN3/UTIL



U/Win Utilities allows a user to customize the window appearance to one of three designs: standard, small, and command-line only. The first two are severely hampered because they limit the size of the window where commands (like **LS** or **DF**) are output, requiring a user to scroll the window to read the output. The last is a small command-line at the bottom of the screen, which is very effective for launching both **DOS** and Windows apps, but pathetic for any other purpose. Typing **LS** pops-up a new window, which takes up nearly the entire screen. Typing **LS** again (without changing directories) builds another complete window - optimally, it would send the output to the original window. After five **LS** commands, the screen is completely covered with windows full of the same information. The other CLIs in this group send command output to one window - and that window can be sized to allow optimum viewing of output. Other than the three different window configurations U/Win offers, there are no special features. For program launching, U/Win is excellent, but for actual command-line use U/WIN leaves much to be desired. Total disk space required by U/Win (excluding the documentation and .INI file) is 224,544 bytes. Registration is \$29.95.

PRICE: ONE STAR
PERFORMANCE: THREE STARS
ERGONOMICS: ONE STAR
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: THREE STARS

PRODUCT: WINCLI v3.0 (SHAREWARE)
AUTHOR: ROBERT SALESAS - ROBERT_SALESAS@MINDLINK.BC.CA
LOCATION: CICA - WINCLI3.ZIP /PUB/PC/WIN3/UTIL

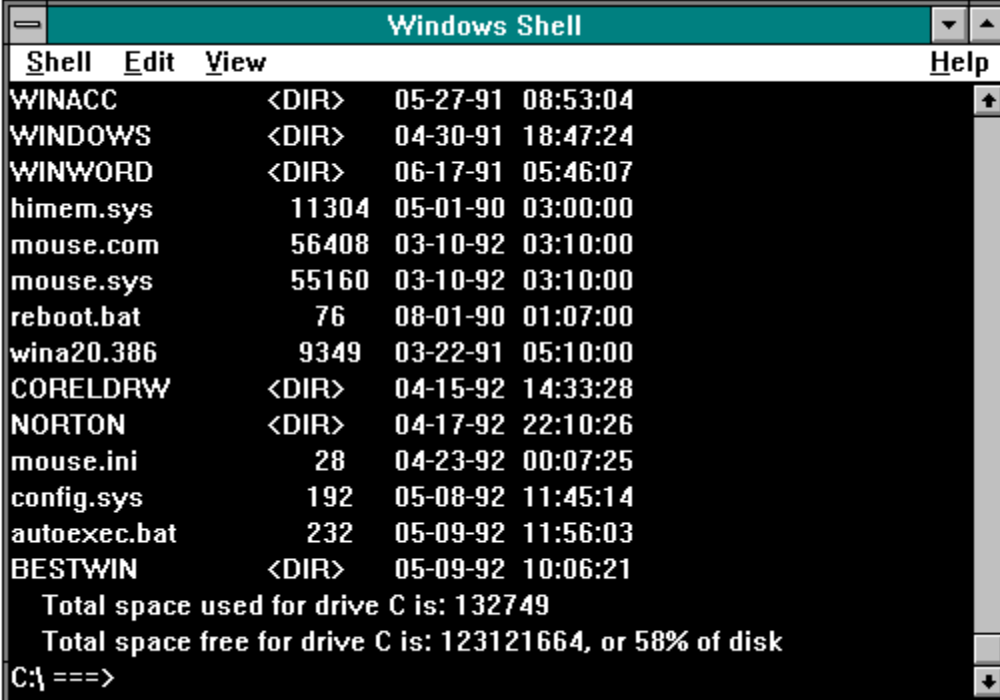


WinCLI is similar to **4Win** - it is an acceptable substitute to a **DOS** session, but embodies none of the higher capabilities possible in the CLI genre of applications. WinCLI will launch Windows and DOS apps, and provides DOS command substitutes for most standard DOS commands, but is otherwise unremarkable. WinCLI of course, requires fewer resources than an actual DOS

session, but this feature is not worth the \$35 registration price. **WinCLI PRO**, which provides higher-level functions, is \$79.00 - technically no longer shareware. The Association of Shareware Professionals encourages non-crippled applications, but WinCLI provides no documentation for non-registered trial copies, which I consider crippling. The total amount of disk space required by WinCLI (excluding the nonexistent documentation) is 45,824 bytes.

PRICE: ZERO STARS
PERFORMANCE: THREE STARS
ERGONOMICS: FOUR STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: ZERO STARS
OVERALL VALUE: THREE STARS

PRODUCT: WINDOWS SHELL v2.01 (FREWARE)
AUTHOR: GREG MCCAIN - GMCCAIN@NIKE.CALPOLY.EDU
LOCATION - CICA - WSHL201.ZIP /PUB/PC/WIN3/UTIL



```
Windows Shell
Shell Edit View Help
WINACC <DIR> 05-27-91 08:53:04
WINDOWS <DIR> 04-30-91 18:47:24
WINWORD <DIR> 06-17-91 05:46:07
himem.sys 11304 05-01-90 03:00:00
mouse.com 56408 03-10-92 03:10:00
mouse.sys 55160 03-10-92 03:10:00
reboot.bat 76 08-01-90 01:07:00
wina20.386 9349 03-22-91 05:10:00
CORELDRW <DIR> 04-15-92 14:33:28
NORTON <DIR> 04-17-92 22:10:26
mouse.ini 28 04-23-92 00:07:25
config.sys 192 05-08-92 11:45:14
autoexec.bat 232 05-09-92 11:56:03
BESTWIN <DIR> 05-09-92 10:06:21
Total space used for drive C is: 132749
Total space free for drive C is: 123121664, or 58% of disk
C:\ ==>
```

Windows Shell is so powerful that WHEN I ACTUALLY EXIT TO **DOS** I FIND MYSELF ANXIOUS TO GET BACK INTO WINDOWS TO USE WINDOWS SHELL INSTEAD OF GENUINE DOS! Windows Shell is one of the all-too-rare programs that allows the user to customize the work environment to suit very specific needs. Windows Shell allows the launching of both DOS and Windows programs from a command-line, and makes it genuinely easy to do so. The reason for this is that Windows Shell allows **ALIASES** - user-defined strings which stand for other functions. For example, I have customized Windows Shell to recognize **WAV** to mean **CD WINDOWS\SYSTEM\MULTIMED\SOUND\WAV**. By typing three quick keys I accomplish a DOS command that requires thirty-seven key-presses in genuine DOS (versions prior to DOS 5.0)! To launch **Excel** I only have to type **xl**. Windows Shell makes launching applications from a command-line not only practical, but very efficient and very fast. It is possible to customize **ENVIRONMENT VARIABLES** in Windows Shell as well. Environment variables are the settings

which define how the system functions (like **CONFIG.SYS**). For example, it is possible to change the **PATH** environment variable in Windows Shell to every directory, making it very easy to launch applications as no directory changes will be required. Not only is Windows Shell superb at launching applications, but it also provides the fastest screen I/O I have seen under Windows. Under a genuine DOS session or any other Windows command-line, screen input/output CRAWLS. Screen writes from Windows Shell feel as fast as from DOS itself. Now typing **DIR** (or **d** in my setup) is actually favorable to changing directories in **File Manager** with a mouse - output is faster. Windows Shell allows custom fonts and colors, and has an optional window which provides eight customizable launch buttons and another which shows every file in the current directory. I have used other command-lines for Windows, and although I desperately needed one before I found Windows Shell, I found them much too expensive and far too weak. I highly recommend Windows Shell for anyone who needs a CLI inside Windows. The total amount of disk space required by Windows Shell (excluding all documentation and the **.INI** files) is 146,591 bytes.

PRICE: FIVE STARS

PERFORMANCE: FIVE STARS

ERGONOMICS: FIVE STARS

AESTHETIC DESIGN: FIVE STARS

QUALITY OF DOCUMENTATION: FIVE STARS

OVERALL VALUE: FIVE STARS

RANKINGS:

With only one exception, the products in this category are lackluster. Far too expensive to justify their features, **4Win**, **U/Win**, and **WinCLI** are not recommended. If you require **CLI** functions inside Windows, but cannot find **Windows Shell**, I frankly recommend you stick with a **DOS** session inside Windows rather than purchase any of the other products. Windows Shell receives high praise - and deservedly so.

1. **WINDOWS SHELL v2.01**
2. **4WIN v1.10**
3. **U/WIN v1.1a (TIE)**
3. **WINCLI v3.0 (TIE)**

—

CATEGORY: SYSTEM RESOURCE MONITORS

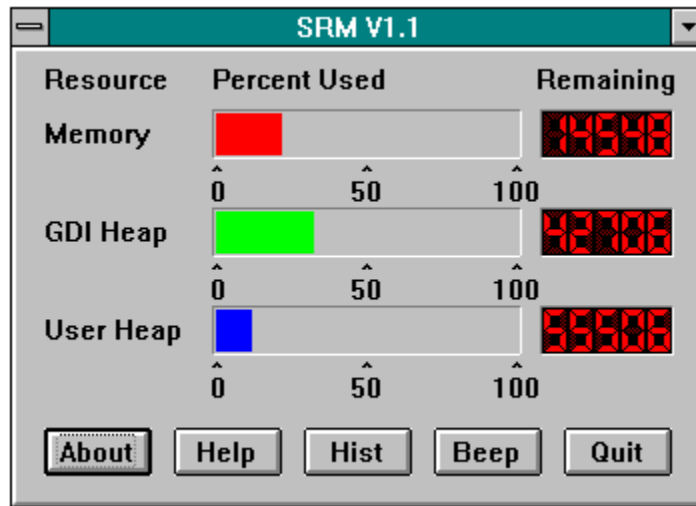
—

Windows works by allocating **SYSTEM RESOURCES** (consisting of **MEMORY**, **GDI HEAP** and **USER HEAP**) to active applications. Windows 3.0 had a tendency to run short of resources, and thus required constant monitoring. While 3.1 is much more capable in this regard, but it never hurts to have a monitor around to inform you if resources are reaching a critical stage.

EDITOR'S NOTE: I chose **not** to review any SHAREWARE programs in this area, since there are several excellent FREEWARE versions available. As these utilities are very necessary under 3.0, I don't believe it is fair to charge for their use.

PRODUCT: SRM v1.1 (INCLUDES WINDSOCK v1.1) (FREEWARE)

AUTHORS: ALLEN SYSTEMS GROUP - CHRIS HEWITT - COMPUSERVE I.D. #100036,133
LOCATION: CICA - WNSK12.ZIP /PUB/PC/WIN3/UTIL



SRM v1.1 is an extremely attractively-designed application, SRM shows free **MEMORY**, **GDI HEAP**, and **USER HEAP** levels. SRM will show a graph of the history of these levels over time as well, and beep if the levels fall below safe limits. Included free in the package is **WINDSOCK**, a **CPU WINDMARK** and **VIDEO/DISK** speed tester for Windows 3.x. Both are very fast, effective, and well-designed. Documentation in the form of **.HLP** files is superb. Total disk space required (**.EXE**s only, excluding **.HLP** and **.INI** files) is 162,304 bytes.

PRICE: FIVE STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FIVE STARS

PRODUCT: SUPERRM v1.01 (FREEWARE)
AUTHOR: SOFTBLOX INC. - COMPUSERVE I.D. #76477,3563
LOCATION: CICA - SUPRRM.ZIP PUB/PC/WIN3/UTIL



SuperRM measures **MEMORY**, **GDI HEAP**, and **USER HEAP** levels. It features memory-compacting, and includes a **STAY-IN-FRONT** option. SuperRM has an adjustable sampling rate (which determines how often the graphs are updated). SuperRM is very fast and very accurate. Total disk space required (excluding the **.INI** file) is 14,848 bytes.

PRICE: FIVE STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FIVE STARS

RANKINGS:

As both of these programs perform their monitoring duties equally well, and are free of charge, they rank equally on a price/performance ratio.

1. SRM v1.1 (TIE)

1. SUPERRM v1.01 (TIE)

—

CATEGORY: GRAPHICS VIEWER/CONVERTER

—

As a graphical environment, Windows excels in the task of manipulating hi-resolution graphics. Often however, in trying to import a graphic image into a drawing program, word processor or spreadsheet, I find that it's in the wrong format, and cannot be imported properly. Fortunately, shareware authors have acted to alleviate this problem with **GRAPHICS CONVERTER** programs for Windows. These utilities open and view certain graphics file formats, and convert and save them to another (compatible) format.

PRODUCT: COLORVIEW v0.97 (SHAREWARE)

AUTHOR: MILLENIUM TECHNOLOGIES CORP.

SUITE #205, 649 61st STREET.

WEST NEW YORK, NEW JERSEY 07093

LOCATION: CVIEW386.ZIP - CICA - /PUB/PC/WIN3/DESKTOP



ColorView supports **.JPG**, **.BMP**, and **.GIF** file formats. Images can be dithered and cropped only, and the window controls functions are somewhat quirky. Registration is a very steep \$29. Total disk space required (excluding documentation and ***.JPG**) is 113,600 bytes.

PRICE: ONE STAR

PERFORMANCE: THREE STARS

ERGONOMICS: THREE-AND-A-HALF STARS

AESTHETIC DESIGN: FOUR STARS

QUALITY OF DOCUMENTATION: FIVE STARS

OVERALL VALUE: THREE STARS

PRODUCT: GRAPHICS WORKSHOP FOR WINDOWS v1.0a (SHAREWARE)

AUTHOR: ALCHEMY MINDWORKS

P.O. BOX 500

BEETON, ONTARIO, CANADA

L0G 1A0

BBS - (416) 729-4609

LOCATION: CICA - GWSWIN10.ZIP /PUB/PC/WIN3/DESKTOP



Graphics Workshop for Windows supports MANY file formats: **.MAC, .TGA, .IMG, .CUT, .PCX, .BMP, .GIF, .MSP, .TIF, .LBM, .WPG, .EXE, .PIC,** and **.TXT**. GWS supports cropping, dithering (**Bayer, Floyd-Steinberg, Burkes** and **Stucki methods**), **special effects (sharpening, softening, smudging, spatial posterization, and promotion to 24 bits), image scaling and color reduction**. The interface is unique among Windows-based graphics processors, with separate windows for files and images. Graphics Workshop is easy to use and very powerful. The registration fee is \$40, and GWS requires 238,592 bytes of disk space (excluding **.HLP** documentation and the **.INI** file).

PRICE: THREE STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FOUR STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-HALF STARS

PRODUCT: PAINT SHOP v2.02 (SHAREWARE)
AUTHOR: ROBERT VOIT

JASC INC.
17743 EVENER WAY
EDEN PRARIE, MN.
55346

LOCATION: CICA - PS202.ZIP /PUB/PC/WIN3/DESKTOP



PaintShop supports **.BMP, .GIF, .IMG, .MAC, .PCX, .PIC, .RLE, .TIF,** and **.WPG** file formats. PaintShop can **flip, mirror, resize, crop,** and **dither** graphic images, **modify contrast and brightness,** and **create inverse negative** images. PaintShop is a good utility for converting images to common file formats, and for basic image manipulation. Registration is \$29, and the total amount of disk space required (excluding the documentation and the **.INI** file) is 137,856 bytes.

PRICE: THREE STARS
PERFORMANCE: FOUR STARS
ERGONOMICS: FOUR STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-A-QUARTER STARS

PRODUCT: PAINT SHOP PRO v1.0 (SHAREWARE)
AUTHOR: ROBERT VOIT

JASC INC.
17743 EVENER WAY
EDEN PRARIE, MN.
55346

LOCATION: CICA - PSP10.ZIP /PUB/PC/WIN3/DESKTOP

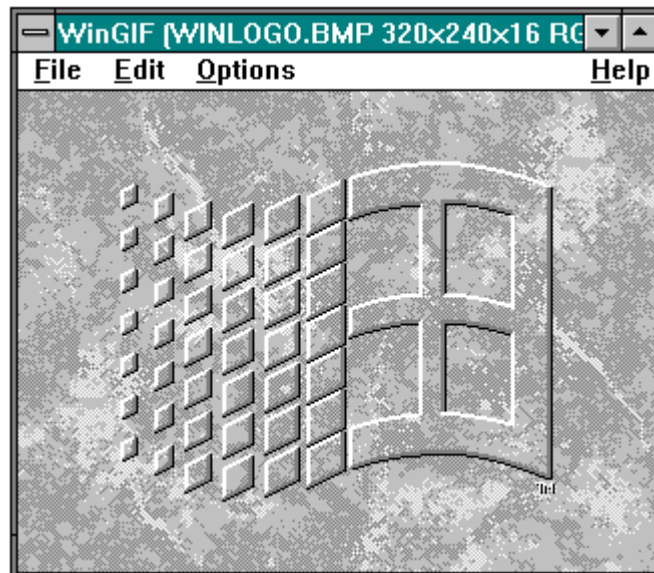


PaintShop Pro supports **.BMP, .DIB, .GIF, .IMG, .JAS, .MAC, .MSP, .PCX, .PIC, .RAS, .RLE, .TGA, .TIF,** and **.WPG** file formats. PaintShop Pro will perform the basic file manipulation functions - **flip, mirror, rotate, resize,** and **crop,** and the standard color functions - **RGB**

adjustment, brightness/contrast correction, gamma correction, and color reduction. In addition, PS Pro will **increase color depth**, and enhance an image with several **special effects filters - sharpen, soften, blur, enhance, and emboss.** PaintShop Pro is equal to **Graphics Workshop** in terms of function, but is priced \$9 higher at \$49. Disk space required (excluding documentation and the .INI file) is 360,692 bytes.

PRICE: TWO STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FOUR STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-HALF STARS

PRODUCT: WINGIF v1.4 (SHAREWARE)
AUTHOR: SUPERSET SOFTWARE CORPORATION
P.O. BOX 50476
PROVO, UT 84605-0476
LOCATION: CICA - WINGIF14.ZIP /PUB/PC/WIN3/DESKTOP



WinGIF is a fast and easy-to-use graphics viewer, and is great for capturing screens and windows. WinGIF views **.GIF, .BMP (monochrome to 24-bit), .PCX** and **.RLE** formats, and will save to any of these formats as well. WinGIF can **resize, dither (both 16 color and monochrome), flip and rotate** images. WinGIF can also **edit image palettes**. WinGIF **automatically resizes** the window to fit the image (saving screen space), and can display images in a **constant loop**. For general purpose use, WinGIF is very effective. Registration is \$15, and total disk space required (excluding documentation and .INI) is 90,144 bytes.

PRICE: FOUR STARS
PERFORMANCE: FOUR STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-THREE-QUARTER STARS

RANKINGS:

There are two level of performance in this group. WinGIF and PaintShop are ideal for basic image manipulation functions, and Graphic Workshop for Windows and PaintShop Pro are better for 24-bit color images and conversion to obscure file formats. By price/performance rankings, the results are:

1. **WINGIF v1.4**
2. **GRAPHICS WORKSHOP FOR WINDOWS v1.0a**
3. **PAINTSHOP v2.02**
4. **PAINTSHOP PRO v1.0**
5. **COLORVIEW v0.97**

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CATEGORY: COMMUNICATIONS/TERMINAL PROGRAMS

—

I imagine the first thing most users did with the Terminal program included with Windows is call up a BBS to download another terminal program! Seriously, the Windows Terminal program isn't bad for very simple uses, but today's best communications programs have better and faster file protocols, more terminal emulations, and more ergonomic operation. Communications under Windows is an idea whose time has surely come - background file transfers and cutting/pasting of quotes from the terminal screen are wonderful features. But which terminal program to use?

PRODUCT: MICROLINK v.103 (SHAREWARE)

AUTHOR: MICROWERKS
P.O. BOX 768273
ROSWELL, GA.
30076-8273

LOCATION: CICA - MLINK103.ARJ /PUB/PC/WIN3/UTIL



MicroLink supports **ASCII**, **Xmodem**, **Ymodem**, and **Zmodem** file transfer protocols, **ANSI** and **VT100** terminal emulation, but the unregistered version is crippled, and does not provide the VT100 emulation or automatic scripting language until the software is registered. This policy makes it difficult to easily evaluate the software. **MicroLink** has an attractive interface, but the program is very slow to start-up, and lacks the more powerful functions of other terminal programs. For a \$35 registration fee however, **MicroLink** is an acceptable Windows communications program. Total disk space required (excluding the documentation and **.INI** file) is 477,405 bytes.

PRICE: FOUR STARS

PERFORMANCE: FOUR STARS

ERGONOMICS: FIVE STARS

AESTHETIC DESIGN: FIVE STARS

QUALITY OF DOCUMENTATION: FIVE STARS

OVERALL VALUE: FOUR-AND-A-QUARTER STARS

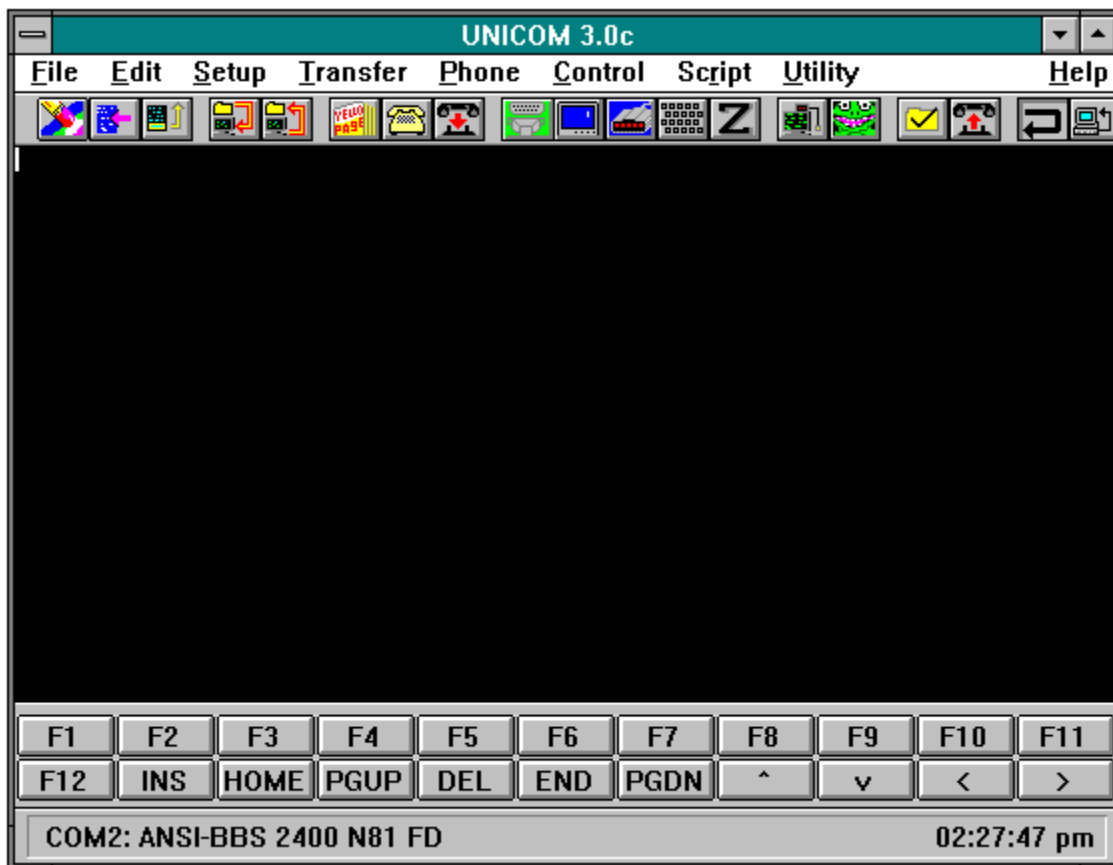
PRODUCT: UNICOM 3.0C (SHAREWARE)

AUTHOR: DAVID GAN (206) 432-1201

**DATA GRAPHICS
P.O. BOX 58517
RENTON, WA. 98058**

LOCATION: CICA - UC-3C.ZIP /PUB/PC/WIN3/UTIL

Unicom 3.0c is quite possibly the best shareware program I have ever seen. Taking full advantage of the Windows interface with a ToolBar, Button Bar, scroll bars, status bars, and function keys, Unicom is extremely configurable, easy-to-use, and a text-book example of how to design an application for its specific purpose. Including many (if not all) of the most popular and powerful file-transfer protocols (**Xmodem Checksum**, **CRC** and **1k**, **Ymodem Batch** and **G**, **Zmodem** and **Resume Zmodem**, **Kermit**, **Compuserve B**, **Quick B**, and **ASCII**), a strong scripting language, several terminal emulations (**DEC VT-102**, **DEC VT-52**, **ANSI-BBS**, and **TTY**), and numerous other amenities, Unicom is as feature-rich as current commercial programs. Undoubtedly however, the strength of Unicom lies in its configurability - from the mode it starts in to the background/foreground colors, to the default protocols, to the appearance of the window components to the Z-Modem protocol defaults to.... I could go on and on. Yes, Unicom is immensely configurable, but because of the quality of the documentation (in the form of a **.HLP** file and release notes) setting it up to run is a snap. Once registered, a complete set of bound documentation is provided. Features lacking in Unicom 3.0c: VT200/220 emulation, perfect VT100 emulation, customizable ToolBar. (In addition, I would LOVE to see 3.1 **.WAV** support - imagine hearing Bart's Hi Man! on connection to another system!). Unicom would merit a rating of five stars if it were less expensive, included VT200 emulation, and had a cheaper upgrade path. Unicom costs \$69, and requires 464,564 bytes of disk space (excluding **.HLP** and **.INI**).



PRICE: TWO STARS

PERFORMANCE: FOUR-AND-THREE-QUARTER STARS

ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-A-HALF STARS

PRODUCT: WINQVT v4.78 (SHAREWARE)
AUTHOR: QPC SOFTWARE - COMPUSERVE I.D. #76676,1420
LOCATION: CICA - WNQVT478.ZIP /PUB/PC/WIN3/UTIL



WinQVT supports **Xmodem**, **Ymodem**, **Zmodem**, and **Kermit** file transfer protocols, and **VT220**, **VT102**, **VT52** and **TTY** terminal emulation. The terminal emulations are superb, and the Kermit implementation is the fastest I have see. **WinQVT** has a scripting function as well. Unfortunately, **WinQVT** has a dated interface, and the trial version has only two font sizes - both of which are unusable at 1024x768 resolution on a 14" monitor. Registration provides several new fonts, but it is impossible to evaluate **WinQVT** prior to installing the new fonts. This crippling of software usability is frowned upon in shareware, as it does not allow a prospective customer the ability to review the software for defects prior to purchase. **WinQVT** is not very customizable in any area but key-mapping, which is very strong. Overall, **WinQVT** is a good product because it provides the only VT220 emulation in a shareware package, but it is hampered in its delivery. Total disk space required is 394,770 bytes, and registration costs \$50.

PRICE: THREE STARS
PERFORMANCE: FOUR STARS
ERGONOMICS: THREE STARS
AESTHETIC DESIGN: FIVE STARS
QUALITY OF DOCUMENTATION: FIVE STARS
OVERALL VALUE: FOUR-AND-A-QUARTER STARS

RANKINGS:

There can be no doubt about which terminal program in this group is superior. Unicom 3.0c provides more features than many commercial applications a lower cost. The only thing **Unicom** lacks is VT220 emulation - it includes everything else that could be desired in a terminal program. **WinQVT** is great for those who NEED VT220 emulation, but lacks many of **Unicom's** features. **MicroLink** is primed more towards casual BBS users, but it suffices for that degree of use.

- 1. UNICOM 3.0c**
- 2. WINQVT 4.78**
- 3. MICROLINK 1.03**

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CATEGORY: DECOMPRESSION UTILITIES

—

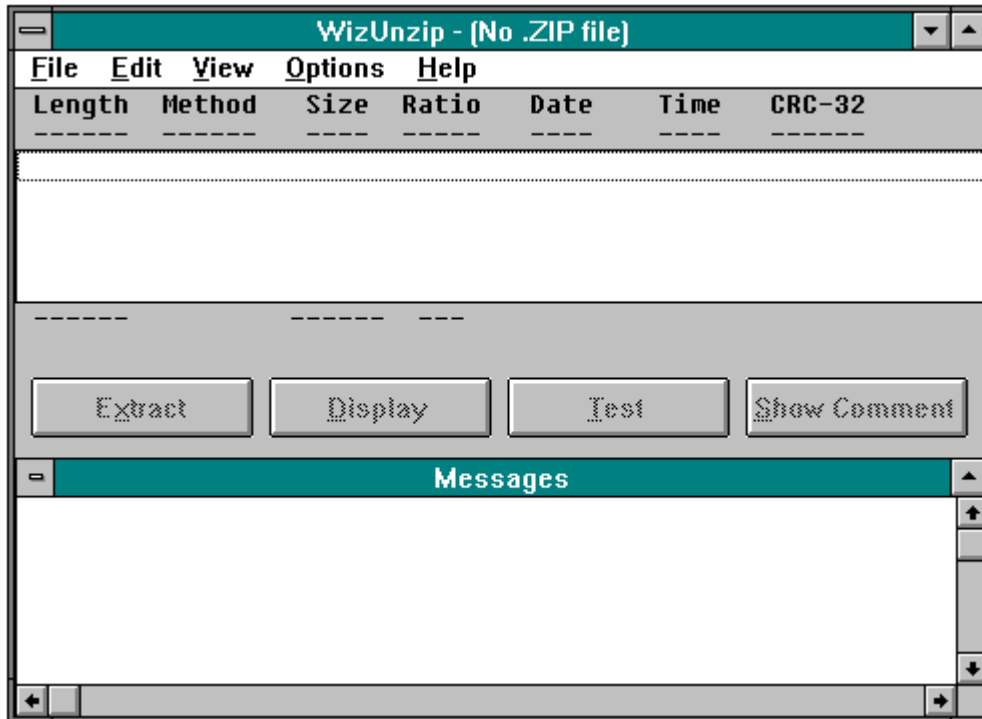
The very fact that you're reading this list right now indicates that you use an un**ZIP**per. But does it utilize the Windows interface, or are you stuck with an outdated **DOS** command-line decompression program with confusing switches like **e**, **x** and **v**? Software developers have

taken the ugliest command-line apps and turned them into clean, uncluttered, and simple GUI utilities.

PRODUCT: WIZUNZIP v1.1 (FREWARE)

AUTHOR: ROBERT A. HEATH - HEATH@NCRCAE.COLUMBIASC.NCR.COM

LOCATION: CICA - WZUN11.ZIP /PUB/PC/WIN3/UTIL



I must confess: I LOVE this program. Possibly the most perfectly designed application yet, this is the easiest-to-use decompression utility I've seen for Windows 3.x. With two large window panes, one detailing the files in the compressed archive, and another the contents of selected files, it is a snap to select which files you want to view or decompress while leaving the others intact. You can customize where you want the files to be decompressed to by default, and what action occurs when you double-click on a file. Make no mistake, **WizUnzip** is the winner for its interface - there are faster unzippers out there, but I'm unwilling to use them. They are either too messy, or too *hard to use*. If Mr. Heath would write WizUnARJ, WizUnZOO, WizUnLZH and WizUnARC I would be a very happy Windows user! Also in WizUnzip's favor is the price - it's **FREE**. You can't beat that. The **source code** for WizUnzip is available at **CICA** as well - titled **WZUN11SR.ZIP**. The total disk space required by WizUnzip (excluding the documentation and .INI file) is 95,232 bytes.

PRICE: FIVE STARS

PERFORMANCE: FOUR-AND-A-HALF STARS

ERGONOMICS: FIVE STARS

AESTHETIC DESIGN: FIVE STARS

QUALITY OF DOCUMENTATION: FIVE STARS

OVERALL VALUE: FOUR-AND-THREE-QUARTER STARS

PRODUCT: WINDOWS UNARCHIVE v2.10 (SHAREWARE)

AUTHOR: JAMES N. HUGHES - COMPUSERVE I.D. #73777,3273

LOCATION: CICA - WUNA210.ZIP /PUB/PC/WIN3/UTIL



Windows UnArchive can decompress the two most popular schemes of archiving - **.ZIP** and **.ARJ**. Windows UnArchive is highly configurable, allowing a user to set a default decompression directory, tryout directory, and work directory. Unfortunately, the purpose of a GUI version of an unarchiver is to make decompression easier. While Windows UnArchive eliminates the arcane switches, it is not as easy to use as WizUnzip: viewing a **.TXT** file inside an archive is a labor. Registration is \$10. The total disk space required (**.EXE** and **.DLL** only; excluding the documentation and **.INI** file) is 363,920 bytes.

PRICE: FOUR STARS

PERFORMANCE: FOUR-AND-THREE-QUARTER STARS

ERGONOMICS: THREE STARS

AESTHETIC DESIGN: FIVE STARS

QUALITY OF DOCUMENTATION: FIVE STARS

OVERALL VALUE: FOUR-AND-A-HALF STARS

RANKINGS:

Although Windows UnArchive provides .ARJ support, the ergonomic ease-of-use of WizUnzip is impossible to overlook. Imagine evaluating an archive without ever having to decompress it - this is what WizUnzip provides. Because it makes it so easy to view files within an archive, and to test and extract individual files, WizUnzip is highly recommended.

1. WIZUNZIP v1.1

2. WINDOWS UNARCHIVE v2.10

—

CATEGORY: ICON EDITORS

—

Let's face it. People LOVE icons. I can call up ANY local BBS and find about five-thousand icons in the Windows directory. People like to customize their desktops, and icons are one of the things we now have the most freedom over: with Windows 3.1 we can customize **DOS** icons, and some icon editors can change the icons in the **.EXE**cutable files and in **.DLLs** (dynamic link libraries) as well.

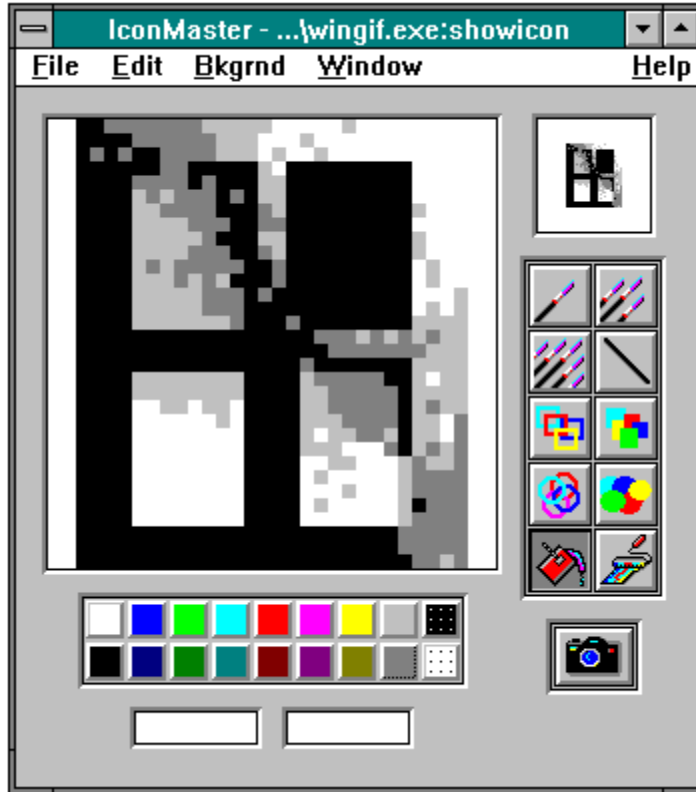
PRODUCT: ICONMASTER v1.1 (SHAREWARE)

AUTHOR: PHILLIP A. KAUFMAN

19987 MORAN LANE

SARATOGA, CA. U.S.A.

95070



The very fact that **IconMaster** took first place tells you it's good - the fact that it beat out a FREEWARE application tells you just how **VERY** good it is. I tend to go with the FREEWARE apps because: **1. You can't beat the price. 2. I respect the authors of the FREE applications more for being willing to give their products away. and 3. They're usually very good regardless.** But IconMaster is worth registering - it's quick, clean, and does EVERYTHING you expect an icon editor to do. IconMaster edits more different kinds of icon files and libraries than any other editor - from **.ICO** to **.EXE** to **.DLL** to the author's own proprietary formats (**.IML**, **.IMZ**, **.ICA**, **.ICL**, **.IL**) to **Norton Desktop's .NIL** format and standard **.ZIPfile** format. IconMaster can capture any screen image within 32x32 pixels and convert it into an icon. IconMaster provides full transparent and inverse support. With its drag and drop functions, IconMaster is easy to use, and very well designed. At \$20, the price is fairly high, but this IS the best Icon Editor around. Total disk space required by IconMaster (excluding the documentation and **.INI** file) is 177,152 bytes.

PRICE: TWO STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
DOCUMENTATION QUALITY: FIVE STARS
OVERALL VALUE: FOUR-AND-A-HALF STARS

PRODUCT: IKE (ICON EDIT) (FREEWARE)
AUTHOR: MARC ADLER (ZIFF COMMUNICATIONS CO.)
LOCATION: CICA - IKE.ZIP /PUB/PC/WIN3/ICONS



IKE is an outdated icon editor by today's standards - it doesn't support **.EXE** or **.DLL** icons, and it cannot provide transparent and inverse color functions, but it is the best **FREEWARE** icon editor available. For basic use however, **IKE** is fine - it can draw filled and empty circles and squares, and perform color fills. If you need an icon editor for only general purpose use, you can't beat **IKE**'s price. Total disk space required is 21,734 bytes.

PRICE: FIVE STARS
PERFORMANCE: THREE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: THREE STARS
DOCUMENTATION: NONE
OVERALL VALUE: THREE-AND-A-HALF STARS

RANKINGS:

IconMaster is the icon editor of choice for anyone who likes to modify icons in **.EXE** or **.DLL** files - or just draw new ones. **IconMaster** provides every function conceivable in an icon editor. **IKE** is an acceptable editor for anyone who only needs to perform very basic **.ICO** file modification.

1. **ICONMASTER v1.1**
2. **IKE**

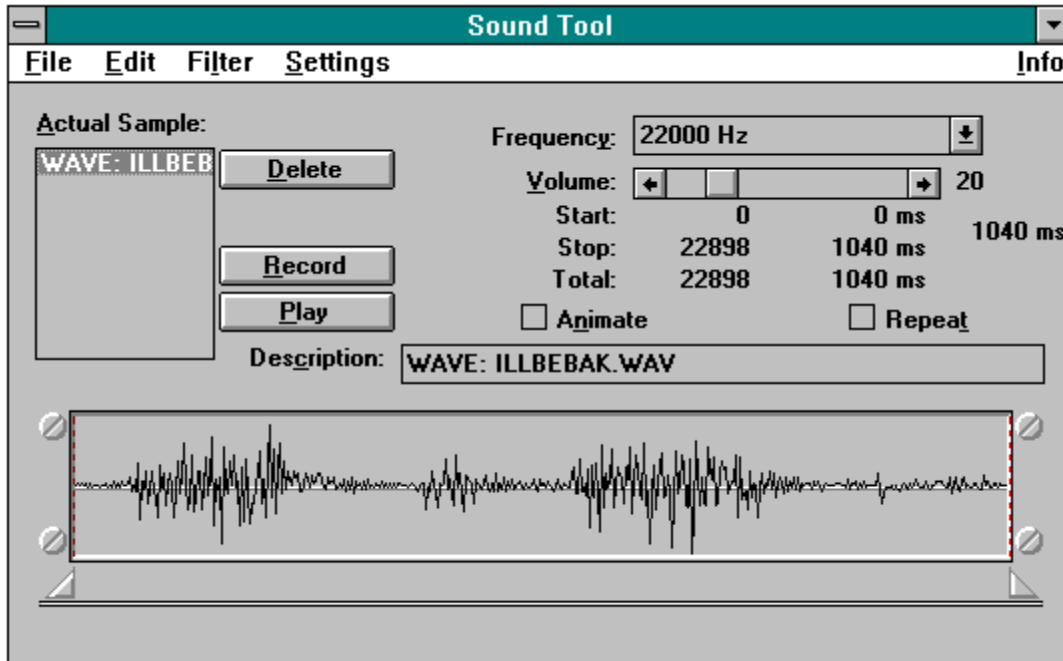
—

CATEGORY: MUSIC AND SOUND UTILITIES

—

This is the category of Windows 3.x **SHAREWARE/FREEWARE** showing the most future promise - these apps can build on the awesome functions built into Windows 3.1. No longer is the PC limited in sound function - nor is the workplace or home limited to dull beeps!

PRODUCT: SOUNDTOOL v2.6 (SHAREWARE)
AUTHOR: MARTIN HEPPERLE -
MARTIN@MECHA2.VERFAHRENSTECHNIK.UNI-STUTTGART.DE
LOCATION: CICA - SNDTL26.ZIP /PUB/PC/WIN3/SOUNDS



SoundTool is a great soundfile editor - it can play, modify, and save **.WAV**, **.SND** (both **Sounder** and **SoundTool** formats), **.SOU**, **.VOC**, **.SUN**, **.NXT**, **.ANSI**, **8-bit raw**, and **.SNP** (**SoundTool Packed**) files. **SoundTool** can **flip**, **reverse**, **expand**, **amplify**, **fade in** and **out**, **animate** and **echo** sound files, and can **cut and paste** sound data. **SoundTool** is powerful and easy to use, and is very attractively designed. Caution should be used when performing background file transfers, as **SoundTool** will often interfere with the process. Registration costs \$15. The total disk space required (excluding the **.HLP** documentation and **.INI** file) is 293,437 bytes.

PRICE: THREE STARS
PERFORMANCE: FOUR-AND-A-HALF STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
DOCUMENTATION QUALITY: FOUR STARS
OVERALL VALUE: FOUR-AND-A-HALF STARS

PRODUCT: WHOOP IT UP! (SHAREWARE)
AUTHOR: STEVE SCHAUER
STARTLITE SOFTWARE
BOX 470
PORT HADLOCK, WA. 98339
LOCATION: CICA - WHOOP.ZIP /PUB/PC/WIN3/SOUNDS



Whoop It Up! is very similar to the commercial product **Wired for Sound**. **Whoop It Up** uses the Windows 3.1 Multimedia Extensions to attach **.WAV** and **.MID** sounds to system events, message box icons, and even to individual applications which don't have built-in Windows 3.1 sound-event support. **Whoop It Up** works very well, is superbly designed and easy to use. The \$29.95 registration price is high however. Total disk space required (excluding **.WAV**, **.MID**, the documentation and the **.INI** file) is 36,352 bytes.

PRICE: TWO STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
DOCUMENTATION QUALITY: THREE STARS
OVERALL VALUE: FOUR-AND-A-QUARTER STARS

PRODUCT: WINJAMMER v2.0 (SHAREWARE)
AUTHOR: DAN MCKEE
69 RANCLIFFE ROAD
OAKVILLE, ONTARIO
CANADA
L6H 1B1
LOCATION: CICA - WJMR20.ZIP /PUB/PC/WIN3/SOUNDS



WinJammer is the only SHAREWARE MIDI sequencer I have found for the Windows environment. WinJammer can import standard MIDI **.MID** files, as well as **Adlib .ROLs**, can program up to 64 tracks, runs in all Windows modes, offers powerful editing and piano roll style notation for editing, and includes extremely comprehensive online help. WinJammer sports a superb icon-based interface. The only feature lacking in WinJammer is utilization of the Windows 3.1 Multimedia Extensions - it currently only supports the Roland MPU-401MIDI interface. The price is actually reasonable when comparing the power and flexibility of WinJammer to commercial Windows MIDI sequencers. Total disk space required (excluding ***.MID** and the **.HLP** and **.INI** files) is 175,856 bytes.

PRICE: TWO STARS
PERFORMANCE: FIVE STARS
ERGONOMICS: FIVE STARS
AESTHETIC DESIGN: FIVE STARS
DOCUMENTATION QUALITY: FIVE STARS
OVERALL VALUE: FOUR-AND-A-THREE QUARTER STARS

RANKINGS:

Every product in this category is excellent. I believe these are some of the best examples of the high quality of shareware available today. Ranked by the raw number of features divided by the price, the results are:

- 1. SOUNDTOOL v2.6 (TIE)**
- 1. WINJAMMER v2.0 (TIE)**
- 2. WHOOP IT UP!**

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CATEGORY: MISCELLANY

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In all fairness, you just can't have a BEST OF MISCELLANY WINNER - the apps in this section are just too diverse to have a single winner. This is instead a catch-all category for those

unclassifiabes that we find so useful.

PRODUCT: AAWIN (FREEWARE)
AUTHOR: AUTODESK, INC.
LOCATION: CICA - WAAPLAY.ZIP /PUB/PC/WIN3/SOUNDS



Now you can play your .FLI multimedia presentations inside Windows! Includes Multimedia .WAV and .MID support, and specific options for .FLI playback.

PRODUCT: AUDIT v1.0 (HEAP AUDITOR) (FREEWARE)
AUTHOR: DOUG OVERMYER - OVERMYER@NETCOM.COM
LOCATION: CICA - AUDIT.ZIP /PUB/PC/WIN3/UTIL



Heap Auditor shows specific information about the **GDI** and **USER HEAP** used in calculating **SYSTEM RESOURCES**. Audit will display very detailed information about resource management, and is useful for showing how many resources remain unclaimed after an application is terminated. Windows software authors should use Audit to be certain their applications clean up after themselves.

PRODUCT: CICADIR v1.1 (FREEWARE)
AUTHOR: JUNE-SHYAN YIH - JXY7070@ULTB.ISC.RIT.EDU
LOCATION: CICA - CICADIR2.ZIP /PUB/PC/WIN3/UTIL

CICADIR isn't a Windows program - it's **DOS**-based. So how does it make it into the Best of WINDOWS Shareware & Freeware List? It's VERY GOOD. **CICADIR** takes the **INDEX** and **LS-LTR** files from the **/pub/pc/win3** directory of CICA, and compiles them into an easy-to-read, scrollable program. If you need to find a specific Win3 app, just check **CICADIR**. It'll show you the filename, directory, filesize, and a brief summary of what each program does. **CICADIR** runs fine in a DOS session inside Windows, so set up a **.PIF** file and it'll be easily accessible from within Windows.

PRODUCT: CYCLE (FREEWARE)
AUTHOR: ROBERT F. NEE
222 WILLOW AVENUE APT. #6
HOBOKEN, NJ. 07030
LOCATION: CICA - CYCLE.ZIP /PUB/PC/WIN3/UTIL



Sick of trying to find that app on the bottom of a pile of windows? Just double click with the right button on the desktop until it pops up!

PRODUCT: DOGCOW v3.1 (SHAREWARE - NOT!)
AUTHOR: ANDY WILKES - ANDROID@CCWF.CC.UTEXAS.EDU
LOCATION: CICA - DOGCOW.ZIP /PUB/PC/WIN3/GAMES



DogCow is for all those **PC** users who suffer **Mac**-envy: now we can do everything the Mac can!

DogCow is worth downloading for the author's **.WRI** file, which is great fun.

PRODUCT: DUSTBIN v1.2 (FREWARE)
AUTHOR: KARL THORODDSEN - KARLTH@RHI.HS.IS
LOCATION: CICA - DUTBIN.ZIP /PUB/PC/WIN3/DESKTOP



With the arrival of Windows 3.1's drag and drop features, Macintosh-like Trashcan utilities are everywhere. DustBin is the only **FREWARE** Trashcan available, and provides peace-of-mind when deleting files from File Manager, because it keeps the deleted files in a safe directory until the DustBin is emptied.

PRODUCT: FONTSEE v2.1 (SHAREWARE)
AUTHOR: ALAN D. REEVE
29W150 OLD FARM LANE
WARRENVILLE, IL. 60555
LOCATION: CICA - FNTSEE.ZIP /PUB/PC/WIN3/UTIL



If you have many fonts, but can never remember what they look like, **FontSee** is for you. FontSee will display every font in a window, and can display complete character sets. FontSee also has a virtual keyboard which can send keystrokes to any application.

PRODUCT: ICON CHOOSER (FREWARE)
AUTHOR: KEITH LEDBETTER
LOCATION: CICA - ICOCHZ12.ZIP /PUB/PC/WIN3/ICONS



Icon manipulator? Icon storage system? Icon manager? I don't know what to call it - but I like it! You can copy and move icons, load them into the Clipboard or Paintbrush and view your icons by category with this unique drag and drop program.

PRODUCT: MINEHELP v1.0 (FREWARE)
AUTHOR: PETER KARRER - PKARRER@BERNINA.ETHZ.CH
LOCATION: CICA - MINEHLP1.ZIP /PUB/PC/WIN3/GAMES



MineSweeper is a frustrating game - but **MineHelp** makes it very easy. MineHelp can provide assistance in trying to beat MineSweeper, and can even play against MineSweeper itself! On my 386/33, MineHelp defeated MineSweeper in expert mode in just 20 seconds and beginner level took only two seconds!

PRODUCT: MORE CONTROL v1.0 (FREWARE)
AUTHOR: SLOOP SOFTWARE
LOCATION: CICA - MORECN.ZIP /PUB/PC/WIN3/UTIL



MoreControl adds an extra icon to the **Control Panel** in Windows 3.1, and provides functions that Control Panel should have included like **SHELL, VERTICAL ICON SPACING, HELP**

COLORS, and much, much more.

PRODUCT: RAISE (SHAREWARE)

AUTHOR: ROBERT F. NEE

222 WILLOW AVENUE APT. #6

HOBOKEN, NJ. 07030

LOCATION: CICA - RAIS14.ZIP /PUB/PC/WIN3/UTIL



Raise makes it EXTREMELY EASY to pull up windows - just move the pointer over the window you want to make active - no clicking is required. Very useful.

PRODUCT: SIZER v1.10 (FREWARE)

AUTHOR: ROBERT M. RYAN - ROBERT_RYAN@BROWN.EDU

LOCATION: CICA - SIZER110.ZIP /PUB/PC/WIN3/DESKTOP



Some applications record their size and position on the desktop, and return to that position when they're started. Other applications don't. I hate having a messy desktop, and I hate applications that take up more space than they need to. **Sizer** records the size and position of any application, and when added to the command-line, will start that app with the recorded size and position. Sizer can set applications to run **MAXIMIZED** or **MINIMIZED**, and, when placed in the StartUp group or the **LOAD** line of **WIN.INI**, can launch applications properly sized at boot-up. This is one utility I couldn't work without.

PRODUCT: STOPWATCH v1.3 (FREWARE)

AUTHOR: KYLE KANE STEPHENS - KYLE@CGSVAX.CLAREMONT.EDU

LOCATION: CICA - STOPW13.ZIP /PUB/PC/WIN3/UTIL



StopWatch is great for telecommunicators - it can record elapsed time. StopWatch displays start time, elapsed time, and end time, and can log these times in a file.

PRODUCT: SWITCHER v1.10 (FREWARE)

AUTHOR: ROBERT SALESAS - ROBERT_SALESAS@MINDLINK.BC.CA

LOCATION: CICA - SWITCH.ZIP /PUB/PC/WIN3/UTIL



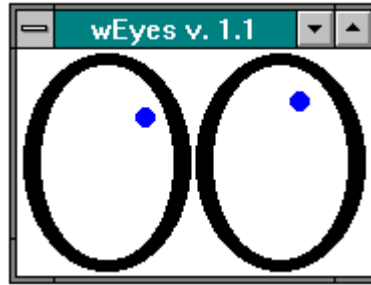
If you're like me, and constantly change video display modes in Windows, **Switcher** is an extremely useful utility. Switcher changes display modes faster than **Windows Setup** can, and records the most frequently used display modes for easy selection.

PRODUCT: WEYES v1.1 (FREWARE)

AUTHOR: ROB CARTY (OUTLOOK PC BUSINESS SYSTEM DESIGN)

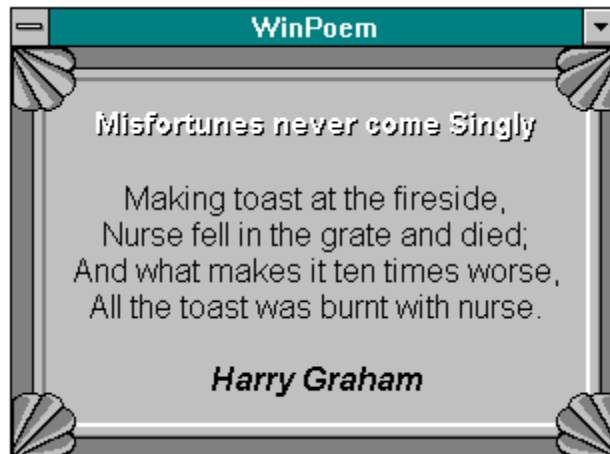
COMPUSERVE I.D. #70724,3347

LOCATION: CICA - WEYES11.ZIP /PUB/PC/WIN3/GAMES



This is the best **X-Eyes** clone I have seen - loads of fun - and useful too. For those of you with laptop PCs and who are constantly losing the mouse cursor - just follow the Eyes!

PRODUCT: WINPOEM (FREWARE)
AUTHOR: JULIAN SMART - JACS@AIAI.ED.AC.UK
LOCATION: CICA - WINPOEM.ZIP /PUB/PC/WIN3/UTIL



What does WinPoem DO? Well, nothing really. But it contains some great poetry, is well designed and is absolutely free.

PRODUCT: WTOUCH v1.1 (FREWARE)
AUTHOR: DOUG OVERMYER - OVERMYER@NETCOM.COM
LOCATION: CICA - WTCH11.ZIP /PUB/PC/WIN3/UTIL



Doug Overmyer has more utilities and applications in the BestWin list than any other author - and **WTouch** is an example of why - it's very useful and very well designed. Great for software authors, WTouch changes the file creation date of files, quickly and easily.

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USER'S CHOICE AWARDS

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This section consists of the comments and votes recieved from the USERS of the

SHAREWARE & FREeware reviewed in this list. I base my reviews on price/performance, but the users of the software may be attracted to specific features not available anywhere else. This section then show the **INTERNET USER'S OPINION** of the Best Windows SHAREWARE and FREeware.

THE FOLLOWING PRODUCTS RECEIVED MORE THAN TWENTY-FIVE VOTES EACH:

**ADDMENU v0.3.4
APPBAR v3.14159
BACKMENU v2.30
BIGDESK
CHANGE CURSOR
CYCLE
DOGCOW
GRAPHICS WORKSHOP
OTTOMENU v3.7
PAINT SHOP v2.02
RAISE v1.4
SCREEN PEACE
SIZER v1.10
STATLINE
SOUNDER
SOUNDTOOL v2.6
SRM v1.1
SWITCHER v1.10
UNICOM 3.0c
USHER 1.4c
WINBATCH
WINFRACT
WINFSR
WINGIF v1.4
WINHEARTS
WINPOST v3.0a
WINQVT 4.78
WINQVTNET
WINQWK
WSCAN
WIZUNZIP v1.1**

THE FOLLOWING PRODUCTS RECEIVED MORE THAN 15 VOTES BUT FEWER THAN 25 VOTES EACH:

**ARCHIVES
HYPERDISK
PAINT SHOP PRO
WINCHECK
WINCRON
WINDOWS UNARCHIVE v2.10
WINEDIT**

THE FOLLOWING PRODUCTS RECEIVED MORE THAN 5 VOTES BUT FEWER THAN 15 VOTES EACH:

CLOCKMAN

EXITW
GRADITOR
NOCR
WHOO IT UP!
WINDOCK v1.5

THE FOLLOWING PRODUCTS RECEIVED FEWER THAN FIVE VOTES EACH:

APORIA
ARACHNID
COMPOSE v1.32
ECU
FISH
GUITAR
HYPEROID
LAUNCH
MEWIN
MOONTOOL
NEW SPY
NEXT APPLICATION BAR
PINUP NOTES
ROLISA
SNAGIT
TOPCLOCK
WINDOWS UNZIP
WINJPEG
WNDC111
ZIP MANAGER

The greatest number of votes was for **AppBar**, which recieved **72** votes. The smallest number of votes was **1**, for **Fish**.

If you use any Windows FREEWARE or SHAREWARE utilities, send me a vote for each one you use. E-Mail to DAA7365@VENUS.TAMU.EDU please.

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TIPS & TRICKS

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ICON-BASED PROGRAM LAUNCHERS are great! I use one as my shell, and I love being able to launch an application with a single click without having to pull up the Program Manager and the right Program Group. ICON-BASED program launchers can be made to look very slick too. Below is **AppBar** v3.14159 (modified). Using the **CAPTURE** command in **IconMaster**, I can capture text in any application, and convert it into an icon! As you can see, I typed **EXL** in **Notepad**, CAPTURED it with IconMaster, and then edited it to look like a button. Changing the icon was easy using **AppSetup**, and it gives the button-bar a one-piece, finished look. Since there's not much room for text in a 32x32 pixel icon, I limited myself to three or four characters. EXL means Excel, WFW is Word for Windows, etc. The default icon in the **APPBAR.EXE** file has been edited to look like the **X-Windows** logo.



WinDock has a great feature - **MAXVIEW**. MaxView forces any maximized application to limit itself to the screen space to the left or right of the button-bar. If I hadn't been using **Sizer** with **AppBar** for two months before seeing MaxView, I might have been overwhelmed at the usefulness of this feature. If you use an **ICON-BASED PROGRAM LAUNCHER** you probably like to keep it handy. Several programs in this category can be made to **STAY-ON-TOP** of the current maximized application, but they might get in the way of the **MAXIMIZE/MINIMIZE** buttons of the other app you're using. To work around this problem, use Sizer v1.10. Size the application to the left (or right or below or on top) of the **PROGRAM LAUNCHER** you use. Then save the coordinate information into Sizer. Once you modify the command-line of the app in the **.INI** file of your launcher to include the location of Sizer, the app will never cover your button-bar again! Used in conjunction with an **ICON-BASED PROGRAM LAUNCHER**, Sizer goes beyond the capabilities of WinDock's MaxView. Sizer can size and place **ANY** program, and works on programs at startup. Even better, Sizer is **FREEWARE**! See the **MISCELLANY** category for more on Sizer.

If YOU have any great tips on how to maximize the performance of a Windows shareware or freeware app, send me E-Mail, or you can use Windows **Write** to add your own 16-color bitmaps and formatted text and then send me the final version. The best entry recieved each month will be placed in this section. YOU will of course be given credit (and get your name in lights!).

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SHAREWARE/FREEWARE IDEAS

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Have you ever thought up a great idea for a Windows application, but been unable to build it because you can't program? This is the ideal place to share your ideas - maybe the SHAREWARE & FREEWARE authors out there will see them. If you have any great ideas for Windows programs, please send me E-Mail at **DAA7365@VENUS.TAMU.EDU**.

- 1. TOOLBAR FOR FILE MANAGER 3.1.** Windows 3.1's **File Manager** is extensible - functions can be added to it. I know new menus can be added, but can a **TOOLBAR** with customizable icons? I know this would be extremely popular.
- 2. GRAPHICAL POP-UP MENUS.** The pop-up text menus already available for Windows are great - but they lack the visual impact of comparable pop-up menus for **OS/2** or **UNIX** GUIs. With today's faster video boards, this type of menu should gain popularity.
- 3. PROGRAM TO CUSTOMIZE WINDOW COMPONENTS.** I recently saw a commercial program called **MakeOver** for Windows which could alter the Windows **SYSTEM MENU**, **MINIMIZE**, **MAXIMIZE**, **TITLE BAR**, and **SCROLL ARROW** components to make the windows look similar to a **Macintosh's**, to **OS/2's**, and to **X's**. The price, unfortunately, was \$50. How about a shareware or freeware version?
- 4. .WAV and .MID files.** With the availability of sound support in Windows 3.1, everyone's looking for sound and music files.

5. A WINDOW WHICH WOULD HOLD MINIMIZED APPLICATIONS. I hate having minimized icons take up desktop space - I'd rather just have one minimized icon which would contain all other minimized apps. Is this possible?

6. Windows .MOD player. I love Amiga .MODs - they sound as good as the original song. But I hate leaving Windows for DOS - Windows is GREAT! Would a simple Windows .MOD player be possible? - I know playing .MODs requires quite a lot of processing time which Windows might absorb.

7. .BMP/.GIF viewer/convertor in which the Title Bar and Menu Bar can be removed - leaving just a movable frame (like Clock 3.1). I sometimes like to leave an open .BMP in a corner of the screen, but the Title Bar and Menu Bar require too much space.

8. WIZUNZIP PRO. I received many comments about WizUnzip - and many votes. Everyone loves WizUnzip, and it would be great if someone could modify the available source code to decompress .ARJ, .LHA, and .ZOO files as well.

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NOTE TO SHAREWARE DEVELOPERS

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I compile this list of SHAREWARE/FREeware simply because I believe that there are so many programs available for Windows that beginners on the Internet might get lost. I intend to help them make the best choices they can as far as Windows applications go. Additionally, I want to bring attention to those Authors whose programs have changed the way we use Windows - in some cases, quite fundamentally. I respect you all for your programming talent (I couldn't program my way out of a paper bag) and I intend to glorify the best and brightest of your applications. **IN NO WAY HAVE I BEEN, NOR WILL I BE INFLUENCED BY ANY AUTHOR OR CORPORATION TO REPORT THESE RESULTS.**

Some guidelines for SHAREWARE/FREeware developers:

1. Don't directly modify the **WIN.INI** or **SYSTEM.INI** files. If you must make changes, please inform the user about the changes before they are made, allow a user to **CANCEL** the changes, and inform the user what must be done to remove the changes completely. **AFTER ALL, UNLESS THEY REGISTER, THEY ARE JUST TESTING THE SOFTWARE. DON'T MAKE THE USER SUFFER.**
2. Include in the documentation a list of all files which should be included in the **ARCHIVE**, which files **MUST** be retained for **USE**, and if any data files are built by the application, where they are placed and what they are named, again, to facilitate easy removal.
3. Upload a **.TXT** file to **CICA** with the same name as your **.ZIP** file. With the size of downloads today, many users don't want to spend an hour getting a file which they will have no use for. In the text file say what the program does, whether it is **FREeware** or **SHAREWARE**, and if **SHAREWARE**, how much it costs to register.
4. Use the great new features of Windows 3.1! Now that Windows has drag and drop capabilities, .WAV support, and common dialogs, shareware and freeware can be better than ever.

Please keep up the great programming - and keep the prices low.

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DIRECTORY OF CICA FILES

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This is the CICA INDEX file last updated on 05/14/92. It has been included because the Best of Windows Shareware & Freeware List is primarily intended for those new to Windows, and to the Internet. By providing a list of available Windows files, a novice can easily find what they are looking for without having to learn to ARCHIE-SEARCH.

EDITOR'S NOTE: THIS DIRECTORY MAY NOT INCLUDE RECENTLY UPLOADED FILES, AND MAY NOT INCLUDE ALL FILES REVIEWED IN THE BESTWIN LIST.

DEMOS - /PUB/PC/WIN3/DEMO

3drender.zip	920415 Demo of 3D RenderLib for Windows
bothside.zip	920301 Print ASCII Bothsides on DeskJet (crippled demo)
btdemo.zip	911009 Demo of ButtonTool
button.zip	911009 Ancillary Files for ButtonTool
calendar.zip	910710 Okna's DeskSet Calendar Demo
cbdemo.zip	910412 SQL Windows ComboBox DLL demo
chemwin.zip	920131 Windows Port of ChemIntosh: Chemistry Drawing Program
chessnet.zip	920305 ChessNet Shareware/Demo version 1.1
cura22.zip	920110 Simu of Sterile Insect Release Method of Pest Control
extradem.zip	910524 Demo of EXTRA! for Windows
faxdemo.zip	920415 WinFAX PRO Demo for Windows
fmdemo.zip	920503 FM Demo Sound Kit for Windows
fshtdemo.zip	910821 FullShot 1.0: Demo of Image Capturing Utility
mcademo1.zip	911001 MathCad 3.0 Working Model Disk 1
mcademo2.zip	911001 MathCad 3.0 Working Model Disk 2
mcademo3.zip	911001 MathCad 3.0 Working Model Disk 3
mornstar.zip	920112 Morning Star Demo: Screen Saver VGAMoire
msproj1.zip	910523 Disk 1 of MS Project Working Demo (File is 892K)
msproj2.zip	910523 Disk 2 of MS Project Working Demo (File is 704K)
netdemo.zip	920130 Sigma Netbios Engine 2.0 Demo
nwave1.zip	920509 HP NewWave 4.0 Demo Part 1 (1.11Mb)
nwave2.zip	920509 HP NewWave 4.0 Demo Part 2 (1.06Mb)
oknademo.zip	900918 Fully func Okna Desktop Set Demo (phone/addr book)
originwm.zip	910909 Origin Working Model version 1.1
osf112.zip	910412 OSF Demo for Windows
packrat.zip	910412 Polaris Software's PackRat Demo (hypercard-like)
ppdemo1.zip	910222 MicroSoft PowerPoint Demo Part 1
ppdemo2.zip	910222 MicroSoft PowerPoint Demo Part 2
pwplus1.zip	911007 Trial Version of Professional Write Plus (Part 1)
pwplus2.zip	911007 Trial Version of Professional Write Plus (Part 2)
pwplus3.zip	911007 Trial Version of Professional Write Plus (Part 3)
pwplus4.zip	911007 Trial Version of Professional Write Plus (Part 4)
rocks.zip	910412 Demos of MicroApps Manager and the Rocks MicroApp
tbkdemo.zip	910528 Asymtrix ToolBook version 1.5 Demo Disk
therm.zip	910620 The Circuit Board Thermometer Demo

wincrib.zip	920224 Demo of Windows Cribbage Game
windraw.zip	910830 Working Model of WinDraw Drawing Program
wmpdemo.zip	910810 Blue Sky Software's Demo for Windows Maker Pro
xl3_demo.zip	910531 New MicroSoft Excel 3 Demo (12/90 version)

DESKTOP APPLICATIONS/BITMAPS/GRAPHICS - /PUB/PC/WIN3/DESKTOP

atlus.zip	910722 Computer-based Atlas Program for Windows (VGA required)
bkgfade.zip	911008 Faded Colors as a Background
blank.zip	910328 Yet Another Windows Screen Blanker
bmp-pics.zip	920413 Twenty Three Cartoon Related .BMP Files
bmp2bgi.zip	910626 BMP->BGI Conversion Program
bmpldr20.zip	920418 Update of Random Bitmap Loader (ver 2.0)
buddha.zip	910802 Giant Buddha in Kamakura, Japan. 640x480x256
bugs.zip	920413 Bugs.BMP
cal1991.zip	910412 Calendar Bitmaps for 1991
calhobbe.zip	920413 Calvin (of Calvin and Hobbes) BMP
capclock.zip	910707 Dynamic Caption Clock Display in Active Title Bar
cfgsave.zip	911011 Save Desktop Configuration
chgcrs22.zip	920108 Change Windows Cursor to a Pizza, Dog, Hand, etc.
claudia.zip	910913 Female Portrait (256 color BMP)
clock5.zip	910530 Configurable Analog Clock Display Version 5 (demo)
cman-10b.zip	920415 Clockman: Intelligent Alarm Clock for Windows
cockpit.zip	920413 BMP of Airline Cockpit
cview097.zip	920512 Color View: JPG/GIF/BMP Viewer for Windows
cview386.zip	920424 Color View: JPG/GIF/BMP Viewer for Windows (386 req)
deers.zip	910802 Group of deers from some Japanese park. 640x480x256
deus.zip	910511 Mac-like Interface For Windows
dh10.zip	911230 Desktop Helper: Windows Desktop Utility
digitl.zip	910409 Yet Another Digital Clock
dustbin.zip	920514 Windows Trashcan
earth.zip	910513 BMP of the Earth
epqs.zip	901005 Eyes/Position/Qtime/Status Util for Windows
executor.zip	910818 Quickly Launch Windows Apps
explosiv.zip	920222 DOS/Windows Screen Blanker
fedpro.zip	920503 Launch Frequently Used Apps from Pick List
fire54.zip	910312 Fireworks Screen Saver
fracpain.zip	910623 Fractal Paint 1.04
gcp42s.zip	910820 Display, Manipulate, Convert Picture Files
gerwalk2.zip	920413 Gerwalk (Cartoon) BMP
gif2bmp.zip	910820 Convert .GIF Files to .BMP Files
gonew11.zip	920415 Display Away Messages on Windows Screen
grabit21.zip	920415 Screen Capture Utility
graf10.zip	920503 Grafiti: Auto Change BMP at Regular Intervals
gswin10.zip	920512 Graphic Workshop for Windows
hotpop.zip	910517 HOTPOP: Complete Pop Down Menu Kit
hshl11.zip	920512 HalfShell: Minimal Replacement for Win ProgMgr
htspt1.zip	920124 HotSpot: Quickly Launch Frequently-Used Apps
image.zip	911008 Read and Write 256 Color Windows Bitmaps
island.zip	910802 Island at sunset in Japan's Inland Sea. 640x480x256
kc_res.zip	910412 Color Registration Codes for Windows
kdraw120.zip	920509 Kwikdraw: An Object Oriented Drawing Program
layout.zip	900812 Automatically Arrange/Save Window Positions Util
lens10.zip	911115 Lens 1.00 : A Windows Magnifier
launch11.zip	920512 Launch Programs from Desktop (3/92 ver)

magic111.zip	920305 Magic Windows Screen Saver Version 1.11
mandlb.zip	920503 Produces a display of the Mandelbrot Set
mathgraf.zip	920101 Ver 2.4.1: Plot the Graph of User Defined Functions
matumoto.zip	910802 Matsumoto Castle, Japan. 640x480x256
mazespx.zip	900920 Maze Pattern for Screen Peace Util
mbw.zip	920305 Mandelbrot for Windows
mclock1.zip	920415 Clock/Alarm for Windows
metz-dn.zip	910820 Metz Desktop Navigator Util (ver 2.50)
metz-dt.zip	910820 Metz Desktop Util (ver 3.20)
metz-tm.zip	910820 Metz Popup Digital Clock
mkh12spx.zip	910504 MKH (ver 1.2) Screen Peace Saver Module
morespx.zip	900925 Can of Worms/Life Saver SPX Files for Screen Peace
ms20b.zip	910820 Monitor Saver 2.0b Windows 3 screen blanker Util
nagel.zip	910507 Various Images by the artist Nagel
navigate.zip	910710 Metz Desktop Navigator
ncc1701d.zip	920413 Star Trek BMP
noone.zip	920413 Noone.bmp (someone care to describe it?)
npaper16.zip	911001 Button's Random Wallpaper Util (with C source) Ver 1.6
newspxs.zip	900812 Two New Patterns (dragon, solids) for Screen Peace
om37.zip	920427 Ottomenu: Menu System for Win3.1 with ObjOr Features
one-bmp.zip	920415 OneDay BMP
opusjail.zip	910517 Opus the Penguin in Jail
paula.zip	920413 Paula.BMP
piclb182.zip	901030 Piclab 1.81 Image Processing Program
pixfolio.zip	920226 Windows Image Viewer and Catalog Manager
pprboy.zip	900719 PaperBoy: Random Presentation Utility of Wallpaper
ps202.zip	911215 Paint Shop Version 2.02
pshape11.zip	910820 ProShape 1.1: A Paint Program for Microsoft Windows
psp10.zip	920415 Paint Shop Pro Ver 1.0
qixspx.zip	910830 Another ScreenPeace Saver Module
rolisa02.zip	910526 Windows 3 program to draw Lissajous-type figures.
saturn.zip	920415 BMP of Saturn (the planet or car?)
saver.zip	910719 Screen Saver (Randomly Displays Chinese Chars)
scap.zip	911022 Windows Screen Capture Utility
scavengr.zip	920318 Allow Drag/Drop Routines into a Trashcan
scrpe12.zip	900831 New Screen Peace Windows3 Screen Saver Util
scrutl91.zip	910823 {S,V,E}GA Screen Blanker Util Ver 9.1 (was egautil)
shf12spx.zip	910214 Screen Shuffler SPX File (ver 1.2) for Screen Peace
shoot11.zip	910830 Shoot!: Yet Another Screen Image Grabber
shuttle1s.zip	910914 1023x800x256 BMP of the Shuttle
sigirl.zip	920413 Sports Illustrated Swimsuit Cover Girl BMP
sizeit.zip	910518 Sizelt Util Make Apps Remember Window Size/Position
sizer110.zip	920415 Sizer Remembers Windows Size/Position
slpman11.zip	920106 Sloop Manager: Complete Graphical Replacement ProgMgr
snagit16.zip	910421 Snagit Ver 1.6 Screen Capture/Print Utility
snapsh17.zip	920415 Screen Snapshot Utility
spextn.zip	900717 Package to Create Screen Peace Saver Extensions Util
spx_logo.zip	910925 Personal LOGO Saver extension for Screen Peace
spx2.zip	900831 New SPX Graphic Images for the New Screen Peace Util
ss14.zip	910412 Yet Another Screen Saver (version 1.4)
stars.zip	910820 Moving Stars for Windows Background
starwars.zip	910518 StarWars Bitmap
statln26.zip	920208 StatLine: mode, day, date, time and freemem
syscolor.zip	910808 Change the 256 colors from 256,000 color palette
timefram.zip	910518 Digital Clock for the Topmost Window's Caption Bar
toilet.zip	920503 Mac-like Trashcan Utility

torii.zip	910802 Torii Gate, Japan's Inland Sea (sunset) 640x480x256
trashcan.zip	920414 Mac-Like Trashcan Utility
turtle.zip	920413 Teenage Mutant Ninja Bitmaps
utl105.zip	900731 Clean, Closer, Run, Win 3 Utils to manage your desktop
vgacolor.zip	910719 Allows Selection of 16 Colors from 262,144 Palette
vt.zip	920503 Virtual Tablet Interfac: high performance digitizer
w3bmp256.zip	920413 Two 256 Color BMPs (dragon.bmp, phoenix.bmp)
winclock.zip	900918 Full-featured digital clock for Windows 3
wincolor.zip	910724 PCMag Utility to Customize Colors
winblank.zip	920413 Win3.x Screen Saver for Toshiba Laptops
wingif14.zip	910820 WinGIF: View GIF Files
wininit.zip	911022 Init Desktop from list of apps/window sizes in WIN.INI
winjpeg.zip	920429 Windows JPG File Viewer
winptr.zip	920316 Configure Windows Pointer (PCMag)
winres.zip	910614 Change Your Multisync's Resolution On-the-fly
winsaver.zip	910425 Restore Windows Session as You Left It
wp_spx.zip	910902 Yet Another ScreenPeace Saver Module
wtime11.zip	910930 World Time Clock for Windows
xvtdraw.zip	901117 Drawing Program
zipapr12.zip	920226 Zip Paper: Displays Random BMPs

PRINTER DRIVERS - /PUB/PC/WIN3/DRIVERS/PRINTER

24pin.zip	910320 Enhanced Drivers for 24-pin Epsoms (and compatibles)
citizen.zip	920211 Ver 1.05 Citizen printer drivers
djetdsk1.zip	920317 HP DeskJet Drivers (1/24/92) Disk 1
djetdsk2.zip	920317 HP DeskJet Drivers (1/24/92) Disk 2
fujj24dr.zip	911104 Drivers for the Fujitsu 24 Pin B&W/Color Printers
hppcl5a.zip	920317 PCL5A Driver Version 10/25/91 (Supports IIIP/IIISi)
hppschrpt.zip	910513 HP PostScript Driver 3.4 for IIP,IID,III,IIID and IIISi
hpqjet.zip	910820 HP QuietJet 192x96 DPI Driver
lanprt.zip	920320 Connect/Disconnect Network Printers in Windows
necpnser.zip	910531 Driver for NEC 24-pin Pinwriters
oki400.zip	911204 Oki L400 Windows 3.0 Driver ver .31
pan24-w3.zip	911204 Panasonic 24-Pin Drivers
pan9-w3.zip	911209 Panasonic 09-Pin Drivers
panakx.exe	920504 Panasonic Printer Drivers for Win3.1
panawdrv.zip	920118 Panasonic Laser Drivers
psd34a.zip	910221 Windows PostScript Driver 3.4a
psdhlp.zip	910227 PostScript Driver Helpfile
star_24.zip	910605 Star Micronics Driver
starclr.zip	920209 Jan91 Star Micronics 9 pin driver
unidrv.exe	920418 Microsoft 3-26-92 Version of Unidrv.Dll
winprt.zip	920214 NWWINFIX - Fix for Windows Garbage Printing on NetWare
wravndmp.zip	920130 Roland 9/24 Pin Drivers

VIDEO DRIVERS - /PUB/PC/WIN3/DRIVERS/VIDEO

1280bnch.txt	911030 Benchmarks for Orchid Prolls vs Fahrenheit 1280 Card
34win3.zip	910216 Genoa VGA Drivers for Windows
678win3b.zip	910820 Everex EVGA Drivers (1024x768x16/800x600x16/640x480x16)
ati-w31.zip	920415 ATI Ultra Video Drivers for Windows 3.1
ativg3.zip	920425 ATI Wonder{Plus,XL}, Integra Video Drivers for Win3.1
atiw300.zip	910922 New (08-29-91) ATI Windows 3 Drivers

atiw3256.exe	910802 256 Color Drivers for ATI Cards
atiw3400.exe	910918 Upgrade for ATI 640x400x256 Driver (needs atiw3256.exe)
atiultra.zip	920313 ATI Ultra VGA Video Drivers
blitfix.zip	911102 Speed Up Windowing on Large (1024x768) Displays
cirruswd.zip	920414 VGA drivers for Cirrus Logic VGA controllers
eizow30.zip	900902 Eizo Windows Video Drivers
et3-w31.zip	920414 Tseng ET3000 - Windows 3.0 and 3.0a Display Drivers
et4-w31.zip	920414 ET4000 Windows 3.1 Video Drivers
et4_dyna.zip	911002 "DynaLink" for the Orchid ProDsgnrII (chgs rfresh rate)
et4k0192.zip	920203 01-15-92 Tseng ET4000 Video Drivers
evga800.zip	900828 EV-673 Windows 3.0 Drivers
fwin3x.exe	920414 Orchid Fahrenheit 1280 Video Drivers (Win3.1 only)
gemvp.zip	920414 S3 Carrera Display Driver for GEM
genoadrv.zip	910820 Genoa SVGA Drivers (800x600x256/1024x768x16/800x600x16)
gss1000.exe	920502 Updated DGIS firmware for AT1000 series video card
newtseng.zip	911019 9-91 Tseng Drivers (640x480,800x600,1024x768/16+256)
oak_drv.zip	920222 OAK VGA Video Drivers
orchid31.exe	920508 New Orchid Video Drivers for Windows 3.1
parad31.zip	920429 Paradise Drivers for Windows 3.1
pm4drvrs.zip	910919 PageMaker4 (?) 640x480x32768/800x600x32768 VGA Drivers
prodsnr2.exe	910919 ProDesigner II Series Drivers (ET4000 based)
s3-w31.zip	920415 S3 Display Drivers for Win3.1
setbus.zip	911230 Speed up Tseng-based video cards with dual monitors
sko1430.exe	910919 Tweaks 800x600 ProDesigner board w/Seiko 1430 Display
sswin31.exe	920414 SpeedSTAR Windows 3.1 Video Driver
stlwin31.exe	920426 Diamond Stealth VRAM Windows 3.1 Video Drivers
sv800.arc	900613 Generic 800x600x16 SVGA Driver for Windows 3
switch.zip	920223 Switcher: Windows Video Mode Switcher
swan.zip	900918 Swan Computers VGA Video Drivers
t3600256.zip	910810 Tseng ET-3000 800x600x256 Windows3 driver
trdwin31.zip	920415 MS Windows 3.1 TRIDENT TVGA Drivers
tsg40627.zip	910711 Tseng 4000 Drivers (New/Improved over tseng4311.zip)
tweak3.zip	910722 Run 800x600x16 on Standard VGA Cards
twin3bta.zip	920117 Tseng ET4000 display drivers (12-12-91 ver)
twinet54.zip	911210 Diamond SpeedSTAR video drivers (dated 10-31-91)
v7600256.zip	910505 800x600x256 video driver for the Video 7 Vram VGA card
v7nwin30.zip	911022 New Video 7 Drivers (05-22-91)
vmode.zip	911025 Select the SONY 1304/Crystal Scan 1024NI as Monitors.
w256-31.exe	920504 Ahead Wizard VGA Drivers for Windows 3.1
w31_3000.exe	920502 Orchid ProDesigner+ (512K) Drivers for Win3.1
w31dgis.exe	920502 Win3.1 Drivers for DGIS Spectragraphics Cards
w3et4.zip	911022 Tseng ET4000 Display Drivers (09-91 version)
w31et4.zip	920501 Microsoft Tseng ET4000 256 Color Driver Disk (Win 3.1)
win3_16.exe	910313 Paradise 16 Color Drivers (Self-Extracting)
win3_16f.exe	910313 Paradise Fast 16 Color Drivers (Self-Extracting)
win3_256.exe	910313 Paradise 256 Color Drivers (Self-Extracting)
win30drv.zip	910115 Latest Paradise Chipset Extended Video Drivers
win31acc.zip	920425 ATI Windows 3.1 Accelerator Drivers
win31vga.zip	920425 ATI Wonder, Graphics Ultra, Graphics Vantage VGA Drvrs
win3prod.zip	901004 Orchard VGA Drivers
win3xdrv.exe	920414 Win31 Drivers for Video7 Cards
windrv.c.zip	920312 Latest (03/92) Trident VGA Drivers (8900 chipset)
winflow.txt	920312 Flowchart for Video Driver Trouble (Trident)
wizard.zip	900812 VGA Wizard VGA Drivers
wyse700.zip	910416 Wy-700 Video Drivers
zygaw3.zip	910224 Zymos Poach VGA (Northgate) Video Drivers

FONTS - /PUB/PC/WIN3/FONTS

36psfnts.zip	910121 36 Type 1 Fonts for Adobe Type Manager (ATM)/Windows
animal.zip	910624 Animal Shape Font
architec.zip	910624 Yet Another Architect Font
arc13p.zip	910110 Architect Handwriting Type 1 Font
autofont.zip	910705 HP AutoFont Support System
bedrock.zip	910425 Bedrock Font
blkcha.zip	910110 Black Chancery Type 1 Font
caligu.zip	910114 Crude Calligraphic Bitmap Type 1 Font
chitown.zip	910114 Chicago-like Type 1 Font
chpsf301.zip	920413 Chinese characters in Kaishu style
cmps1_33.zip	920414 View Fonts/Compose Chars
cop-goth.zip	910623 Engraver-Light PS Font
diego1.zip	910114 San Diego?-like Type 1 Font
dmppfm14.zip	911025 DumpPfm: Printer Font Metrics Dumper (ver 1.4)
dosfonts.zip	910813 Change Fonts in DOS Window
durango.zip	910624 Durango Font
finfo.zip	910905 FontInfo: Print/Display All Fonts
font.zip	910806 FontSee: Print All Available Fonts
fontlist.zip	910705 Font Enumeration Program (with C Source)
fonts.lzh	900813 PostScript Type 1 Screen Fonts
fontsee2.zip	920215 Util to view all fonts (nice)
fontslzh.txt	900930 Listing of files in fonts.lzh
garmnd1.zip	910114 Garamond Type 1 Font
garrett.zip	910416 Yet Another Font
gdips120.zip	910423 120 DPI (8514 resolution) 1:1 Aspect Ratio Screen Fonts
gdips_96.zip	910423 96 DPI (VGA resolution) 1:1 Aspect Ratio Screen Fonts
gralig.zip	910114 GraphicLight Type 1 Font
heidelbe.zip	910114 Calligraphic Heidelberg Font Like MacHumaine)
ifw11.zip	920123 Hewlett Packard Intellifont Kit Ver 1.1
iglesia.zip	910114 Iglesia Font
kaufmann.zip	901102 Kaufmann:Bold Screen Font
machineb.zip	910624 MachineBlock Font
mariage.zip	901102 Mariage Screen Font
miamib.zip	910518 Miami Beach Light Font
midd1.zip	910114 Middleton Type 1 Font
news.zip	901102 News Screen Font
oldtown.zip	901102 Old Town Screen Font
pa405.zip	920220 Printer's Apprentice Font Management System (v4.05)
palladam.zip	910624 Palladam Tamil Font
pfbview.zip	911212 PFB File Viewer (beta)
previe.zip	910711 Preview1.0: A Tool to Preview Windows Fonts
psx200.zip	920116 PSX - PostScript Soft Font Downloader
recycle.zip	910624 Recycle Font
redlette.zip	910624 RedLetter Font
refont11.zip	920211 Type 1 Font Utility: Use MAC Type 1 w/Windows ATM
roissy.zip	901102 Roissy:Bold Screen Font
saloon.zip	910624 SaloonExt Font
savannah.zip	910624 Savannah Fats Font
show.zip	910416 Type 1 Font
slabface.zip	910624 SlabFace Font (very bold)
sntfra.zip	910110 Mac San Francisco Font
stencilc.zip	910624 Stencil Font

stfranci.zip	910624 StFrancis Font (like Mac San Francisco)
symbol8.zip	901102 Symbol Screen Font
tiempo.zip	910416 Type 1 Font
typevw10.zip	910902 TypeView: Display/Print Available Faces (uses ATM)
ultrabla.zip	910624 UltraBlack<?> Font
vbfont.zip	911106 Display/Print Available Fonts
vectrfon.zip	900913 Scalable Vector Screen Fonts
vireofon.zip	910624 VireoFonts Font
westsd.zip	910416 Type 1 Font like the New Yorker Magazine
winbdf.zip	910815 ViewBDF: X11R4 .bdf font files w/font size 16x16
wgreek13.zip	911026 WinGreek: Greek and Hebrew Package for Windows 3.0
woafon12.zip	920106 Larger fonts for Windows DOS boxes in SVGA modes

ATM FONTS - /PUB/PC/WIN3/FONTS/ATM

afms.zoo	910729 240 Adobe Font Metric Files (AFM) for CICAs Fonts
atm-ball.zip	910416 Ballet Engraved Font
atm-flor.zip	910416 Florence/Florence-Light Font
atm-murl.zip	910416 Muriel Font
atm-otwn.zip	910416 Old Towne Font
atm-pant.zip	910417 Post Antiqua Roman Font
atm-tekt.zip	910416 Tekton Font
atm8.zip	910416 Collection of ATM Fonts
atmfix.zip	910409 ATM/Ventura Discussion
atmfnts1.zip	911107 A Collection of ATM Fonts
atmfnts2.zip	911107 A Collection of ATM Fonts
atmfnts3.zip	911107 A Collection of ATM Fonts
atmfnts4.zip	911107 A Collection of ATM Fonts
atmfnts5.zip	911204 A Collection of ATM Fonts
atmfnts6.zip	911107 A Collection of ATM Fonts
atmfnts.idx	911107 A List of files in atmfnts1-6.zip and atmfnts.zip
atmfnts.zip	911107 A Collection of ATM Fonts
blackfor.zip	910624 BlackForest Font
bodidlyb.zip	910624 BodidlyBold Font
capri.zip	910417 Sinaloa-like Font
cartwrig.zip	910624 CartWright Font (like Adobe Ponderosa)
chessfon.zip	910624 Adobe "Cheq" Font
classhvy.zip	910416 More Type 1 Fonts for Adobe Type Manager
crillee.zip	910624 StarTrek-like Font
cunei.zip	910416 Cuneiform-like Font
davyding.zip	910624 DavysDingbats Font
dragonwi.zip	910624 DragonWick Font
frquad.zip	910416 ATM Fonts
genoa.zip	910624 Genoa Font (like "Venice")
igloolas.zip	910624 IglooLaser Font
judas.zip	910624 Judas Font (like Adobe "Ironwood")
karkode.zip	910624 Karkode Font (based on Goudy OldStyle)
leftycas.zip	910624 LeftyCasual Font
loopdelo.zip	910624 LoopDeLoop Font (like "Bee Line")
luxembrg.zip	910417 ATM Fonts
manzanit.zip	910624 Manzanita Font (like Victorian wood type)
mazama.zip	910624 Mazama Font (based on MGB Patrician)
mesozic.zip	910624 Mesozoic Gothic Font (based on Publicity Gothic)
muriel.zip	910624 Muriel Font
natmf1.zip	911017 New Adobe Type 1 Fonts

natmf2.zip	911017 New Adobe Type 1 Fonts
natmf3.zip	911017 New Adobe Type 1 Fonts
natmf4.zip	911017 New Adobe Type 1 Fonts
natmf5.zip	911017 New Adobe Type 1 Fonts
natmf6.zip	911017 New Adobe Type 1 Fonts
natmf7.zip	911017 New Adobe Type 1 Fonts
natmf8.zip	911017 New Adobe Type 1 Fonts
natmf9.zip	911017 New Adobe Type 1 Fonts
natmf10.zip	911017 New Adobe Type 1 Fonts
natmf11.zip	911017 New Adobe Type 1 Fonts
natmf12.zip	911017 New Adobe Type 1 Fonts
natmf13.zip	911017 New Adobe Type 1 Fonts
natmf14.zip	911017 New Adobe Type 1 Fonts
natmf15.zip	911017 New Adobe Type 1 Fonts
natmf16.zip	911017 New Adobe Type 1 Fonts
natmf17.zip	911017 New Adobe Type 1 Fonts
natmf18.zip	911017 New Adobe Type 1 Fonts
natmf19.zip	911017 New Adobe Type 1 Fonts
natmf20.zip	911017 New Adobe Type 1 Fonts
natmfnts.idx	911106 Index Listing of natmf[1-20].zip (text file)
oswaldbl.zip	910624 Oswald Black Font
parismet.zip	910624 Paris Metro Font
polosems.zip	910624 Polo-SemiScript Font
rhyolite.zip	910624 RhyoLite Vertical Font (based on Huxley Vertical)
roosthea.zip	910624 RoostHeavy Font
rudelsbe.zip	910624 Rudelsberg Font
secretco.zip	910624 SecretCode/UnSecretCode Fonts
shaloold.zip	920311 ShalomOldStyle Font (Revised)
shaloscr.zip	920311 ShalomScript Font (Revised)
shalosti.zip	920311 ShalomStick Font (Revised)
sharktoo.zip	910624 SharkTooth Font
showboat.zip	910624 ShowBoat Font
tempofon.zip	910624 Tempo Font
tribeca.zip	910624 Tribeca Font
uppereas.zip	910624 UpperEastSide Font
upperwes.zip	910624 UpperWestSide Font
varahcap.zip	910624 VarahCaps Font
windsord.zip	910624 Windsor Font
wfn2atm.zip	910128 How to Convert Fonts for use with Adobe Type Manager
zalescap.zip	910624 ZaleskiCaps Font

TRUETYPE FONTS - /PUB/PC/WIN3/FONTS/TRUETYPE

6ttfont.zip	920514 Alxndra,Astro,Basque,GoodBadUgly,Mapmaker,VicSec Fonts
ttfonta1.zip	920422 TrueType Fonts (see ttindex.txt for list)
ttfont11.zip	920422 TrueType Fonts (see ttindex.txt for list)
ttfonti1.zip	920422 TrueType Fonts (see ttindex.txt for list)
ttfontl1.zip	920422 TrueType Fonts (see ttindex.txt for list)
ttfontm1.zip	920422 TrueType Fonts (see ttindex.txt for list)
ttfontn1.zip	920422 TrueType Fonts (see ttindex.txt for list)
ttfonts1.zip	911025 TrueType Fonts (see ttindex.txt for list)
ttfonts2.zip	911025 TrueType Fonts (see ttindex.txt for list)
ttfonts3.zip	911025 TrueType Fonts (see ttindex.txt for list)
ttfonts4.zip	911025 TrueType Fonts (see ttindex.txt for list)
ttfonts5.zoo	920426 TrueType Fonts (see ttindex.txt for list)

ttfontu1.zip 920422 TrueType Fonts (see ttindex.txt for list)
ttindex.txt 920505 Index of all TrueType Fonts on CICA

GAMES - /PUB/PC/WIN3/GAMES

aforce.zip 910110 Attack Force-type Shoot 'Em Up Game
arachnid.zip 910321 2-25-91 Version of the Card Game
arch_tb.zip 910409 ToolBook Archery Game
atmoids.zip 900831 Asteriods Game
attaxx.zip 910327 A Reversi-like Strategy Game
bago317.zip 920123 Boggle Game for Windows
barteye.zip 920117 Barteyes II: Mouse Tracker/Screen Saver
bg06.zip 910201 Backgammon Version 0.06 for Windows
bgames.zip 920102 Brain Games for Windows (requires VBasic Runtime DLL)
bangbang.zip 910115 Yet Another Shoot 'Em Up Game
blackout.zip 920305 Seek and Find Game
blce12.zip 911115 Block Breaker 1.2
blitzer.zip 910828 Helicopter Gunship Game
blkjack.zip 910404 A Black Jack Game
boxworld.zip 920321 Box Game
brick3.zip 901118 Mindless Breakout Game (Pong-like)
butmad.zip 910917 Button Madness Game
checkers.zip 900904 Checkers Game
chess321.zip 910819 Gnu Chess Version 3.21 Game for Windows 3
chompw12.zip 920511 Pac-Man like game for Windows
columns.zip 910712 Columns Game for Windows
cookie.zip 910107 Fortune Cookie Program
deapsea.zip 911105 Deep Sea Adventure Game
desk1.zip 910409 Desktop Animation
dogcow.zip 920503 Dogcow Animated Icon
dopplgr.zip 910104 Dopplegnger: MindImage SciFi Adventure Game
drift.zip 911109 Icons Drift All Over the Place
fish3.zip 900831 Microsoft Fish!
flasher.zip 910412 Strobe Lights for Windows
fuse.zip 900613 Yet Another Fuse Program/Game for Windows 3
gatling.zip 910225 Annoying Noisy Game to Riddle the Screen w/Bullet Holes
goldhunt.zip 911104 Gold Hunt Version 1.1 Treasure Hunt Game
gradit10.zip 920131 Graditor is an action game for Windows
hangman.zip 920204 Hangman Game for Windows
hextris.zip 910226 Yet Another Tetris Game
horse.zip 900831 Galloping Horse in an Icon
hyperoid.zip 911115 Asteriods Game w/Source
ishidot1.zip 920429 Tiles Game for Windows
jwlthf.zip 920503 Updated Jewel Thief Game
kltz211a.zip 901126 Tetris-like game for Windows 3 (version 2.11a)
lander3.zip 900710 Lunar Lander Game for Windows 3
lava.zip 910412 Lava Lamp for Windows
life.zip 910528 Windows Implementation of Conway's Life
light.zip 920503 Electric Light Game
ltblit31.zip 920511 A Plant Disease Management Game
magic.zip 910722 Dominoes for Windows
memgm10.zip 911029 The Memory Game, Version 1.0
minehlp1.zip 920426 Help for Minesweeper Game
mines.zip 910820 Minefield Game for Windows 3 (with source)
missile.zip 920314 Missile Attack! Game

mrmind.zip	901020 Tile/Bagel Game for Windows
mycats.zip	911119 Cats Running All Over
patuman14.zip	920306 Collect all the Pills in the Labyrinth
pegpuzl.zip	910608 A Peg-jumping Puzzle
pent1020.zip	920122 Pentomino Puzzle for Windows
pipe.zip	910327 A Pipe-laying Game
poker.zip	910118 Draw Poker for Windows
pundit.zip	910412 PopUp Useless Sayings
puzzle11.zip	901015 A Puzzle Game Version 1.1
pzl8.zip	920204 Puzzle-8 Game for Windows
reversi.zip	920422 Microsoft Update to Reversi
roach.zip	910722 Roaches Everywhere!
scarywin.zip	920212 Scared Windows Toy
spacew.zip	901129 Shoot the center of the rotating walls
taipei.zip	900613 Taipei Game
tetriss.zip	900613 Yet Another Tetris Game
tobor.zip	911118 Tobor Shoot 'Em Game
vbdaleks.zip	910813 Daleks Game for Windows
w-hop.zip	900831 Hop-Over Puzzle Game for Windows
wneko.zip	910828 Neko the Cat Chases Your Mouse Around
weyes11.zip	920415 Yet Another Eyes App
wfball11.zip	920120 Windows Football Game
whearts.zip	920210 Hearts Card Game for Windows
winadv10.zip	910708 Colossal Cave Adventure for Windows
wineyes.zip	901029 New WinEyes with Source
winfr171.zip	920418 Fractint for Windows
winpoker.zip	901108 Poker! for Windows
winsr171.zip	920418 Source for Fractint for Windows
winsolit.zip	920223 Windows Solitaire (Ver 92.01.04)
winspidr.zip	920223 Windows Spider Solitaire (Ver 92.01.08)
wintrek2.zip	920120 WinTrek 2.0 Game
wintris.zip	900730 Yet Another Tetris Game
winttt.zip	910719 3D Tic-Tac-Toe Game
worm.zip	901029 Worms all over the place game (with source)
wormwar.zip	901222 Centipede-like Game
wpong.zip	911115 Pong Game
yabweye.zip	920108 Yet Another Eyes App
ytz110r.zip	910610 Yacht-Z: A dice strategy game
xword.zip	910222 Crossword Puzzler
yat105.zip	920415 Yet Another Tetris Game (23 Mar 92 ver)
yow.zip	911102 WinYow - An Interactive GUI Fortune for Windows
yowsrc12.zip	920321 Source to WinYow

ICONS - /PUB/PC/WIN3/ICONS

clrbut.zip	910409 Colorize Your Buttons!
demoicon.zip	900709 A Collection of Icons
dosicon.zip	920226 Display minimized DOS apps with user defined icons
frite20.zip	911107 Afflict Your Icons with "Cursorphobia"
grpicon.zip	901004 Textfile on Modifying Group Icons
hr7icn.zip	910710 A Collection of Icon (.icn) Files
icnman11.zip	911008 Icon Manager Version 1.1
icnpwr.zip	920503 IconPower: Multiple Icon File Management Tool
ico2bmp.zip	920226 Read and icon, extract colors to BMP
icochz12.zip	910811 Categorize/Delete/Choose .ICOS w/ Drag-Drop Operations

icolib01.zip	920228 A collection of over 1800 icons in 50 categories
icon330.zip	900924 ICONLIB.EXE: Compilation of icons from Compuserve
icon.zip	900904 Icon.exe version of ICON.DLL
icondrw.zip	910710 Icon Editor (8-16-90 version)
iconmst.zip	920508 Iconmaster: Icon Manipulation Tool
icons.zip	900904 Collection of Icons in icon.dll
icons2.zip	900904 Another Collection of Icons
icons3.zip	911119 Yet Another Collection of Icons
ifx110.zip	920117 Fix Background of DOS Icons (ver 1.10)
iinject.zip	910323 Icons for the Windows Environment
ike.zip	910716 Ike the Icon Editor
im21.zip	920226 IconMaster: Another Icon Manager Util
lico20.zip	910820 DOS Utility to Display Windows Icons (VGA/EGA req)
moreicon.zip	901124 A Collection of over 400 .ICO Files
nodos2.zip	910507 Eliminates Standard DOS Icons for non-Windows Apps
pbicon.zip	901124 pblcon 1.1: Customize Program Group Icons
pcl_icon.zip	901222 Two Icons for PC-Link
recrun.zip	900904 Attach recorder macros to your Icons Util
showicon.zip	910322 Icon Viewer
tamr101.zip	901214 Icon Tamer: Icon Management Program
tgicons1.zip	910628 TheGate's Collection of Icons
viewicon.zip	901212 Views Windows 3.0 icons on the screen
w3ico_ed.zip	910828 Yet Another Icon Editor
worldwin.zip	911104 WorldWin displays a Spinning Globe that Runs as an Icon

MISCELLANEOUS - /PUB/PC/WIN3/MISC

amistuff.zip	910503 Miscellaneous Tips and Tricks for Ami Pro!
bestwin.zip	920428 Best Windows Shareware List (May 92)
cardfile.zip	910425 Discussion of Cardfile format
cd-tbk.zip	901208 Toolbook File Example (?)
cdrom.inf	920318 Info on Getting CICA Windows files on CD-ROM
clip_art.zip	910406 MicroSoft Clip Art for Windows Write and Paint
combus10.zip	910412 Windows Cardfile of Computer-related Businesses
corefix.zip	910518 PFBFix 1.1 fixes Adobe Type I fonts created by WFNBOSS
cvw305.zip	910527 Updated MS CodeView Modules (5-16-91 version)
dmdrvr.zip	910409 Windows/DMDRVr Discussion from Compu\$erve
dmonoumb.zip	920511 Free more UMBs for DOSApps w/Qemm 5.1x
dpmi_txt.zip	910516 Version 0.9 of the DPMI specification
dv2win.zip	920316 Deskview Help
ediins.zip	920223 Installation Utility for Custom Applications
espdisk.zip	910501 Drivers for the Hayes Enh Serial Port Board
filemgr.trk	910117 Tricks for FileManager
fontinfo.zip	920320 Using Type1 Fonts with WordPerfect
fxar10.zip	910402 Fix Arrow Pointer When it Dissappears.
gw4win.zip	911116 God's Word for Windows Bible Program]
intl.zip	920507 DLL for Internationalizing Windows Programs
ltmd.zip	910411 LogiTech Mouse Routines for Windows
hexmap10.zip	920103 Print Out Hexagon-Grid Maps
hexview3.zip	920228 Hexmap Editing Program
highmem.zip	910412 Notes on High Memory Usage with Windows
instal.zip	911204 Create Sample Win-based Graphical Installation Program
lissajou.zip	910510 Windows Sample Demo with Source on Using SDK
logstc11.zip	920303 Plot/Zoom into Bifurcation Diags of Logistic Equations
meltdown.zip	910817 Meltdown Screen Module for AfterDark

mmback.zip	910826 Multimedia Prsnl Computing: The Microsoft View (doc)
moontl04.zip	910417 Moon Tool (Phases of the Moon)
mscdex.zip	920414 Microsoft CD-ROM Extensions
msdosexe.zip	920414 Microsoft MSDOS Executive
msdrv191.zip	910412 Updated HIMEM.SYS, RAMDRIVE.SYS, SMARTDRV.SYS from MS
mssoffix.zip	910312 Serial Port and Mouse Discussion
nobanner.txt	910117 How to Skip Win3 Opening Banner
nologo.zip	910412 Use Debug to Remove Opening Banner (see nobanner.txt)
ntwn32.zip	910821 PS/TXT/RTF of "The Windows 32-bit API: An Overview"
nu5win.zip	910412 Notes Using Norton Utilities Ver 5 with Windows
nwutils.zip	920303 NewWave Technical Support Disk (1/23/92)
ole.zip	910826 Extensible Application Protocols: OLE Spec Docs (MS)
parent21.zip	920117 Genealogy Program Called PARENTS
port32.zip	910821 PS/TXT/RTF of Paper on Preparing for 32-bit WIN SDK
progman.zip	920120 Rename Program Groups
pscrip.exe	920418 03-30-92 Version of PSCRIPT.DRV
qemm511f.zip	910409 Bug Fix for QEMM 5.11f High Mem Driver
qemmwins.zip	910409 Quarterdeck Tech Talk on QEMM+Windows
rsistn62.zip	920511 Fungicide Pathogen Simulation Program
rtf-desc.zip	910425 RichTextFormat Discussion
startup2.zip	910412 How to Modify Win3 Opening Banner (Version 2)
stealt.zip	911011 Diagnose/Cure Probs w/Stealth feat of QEMM-386, ver 6
sunpow11.zip	920301 Calculate Sun's Azimuth/Elevation by Date
tmwinpif.zip	910412 How to Run TeleMate under Windows
txt2rtf.zip	910529 TXT2RTF - Text to Rich Text Converter Version 1.0
umbdr521.zip	920307 UpperMem Device Driver
undocfct.zip	910830 Print All Windows Undocumented Function Calls
univcolr.zip	900706 MS Windows Ad for Win3 misc
wallpapr.txt	900613 Keystrokes to get Win3 Authors Listed as Wallpaper misc
wcmacref.txt	901023 Windows Macro Statement Reference Guide
we0125.exe	920418 MS App Note: Excel Cell Referencing from a Macro
we0127.exe	920418 MS App Note: Excel Dates and Times
we0146.exe	920418 MS App Note: Excel Most Frequently Asked Questions
we0404.exe	920418 Excel Custom Help File Conversion Utility
wfnpch.lzh	910129 Corel Draw Patch for Converted WFN to ATM fonts.
wfnspc.zip	910128 How to insert a space in WFNBOSS-gen'd font
win3-uae.zip	910117 MicroSoft Document on Unrecoverable App Errors
win3-nfs.zip	901029 Run Windows with PC-NFS
win3.bug	910507 Discussion of SmartDrive Bugs
win3infosrc	900613 Windows Information Source(s) misc
win87em.zip	910826 MSWindows Floating Point Coprocessor/Emulator Library
winfaq1.zip	920415 Freq Asked Questions About Win3 in .HLP Format (c.w.ms)
winfreq.ask	910905 Freq Asked Questions About Win3 (from comp.windows.ms)
winq130.zip	911010 WinQwk: Message Reader for Qwk Packets
wintosh.zip	911208 Toshiba T2000SX Windows Control Panel
winvn060.zip	910810 Windows-based Usenet News Reader (like VN)
wnbrag.zip	910213 Change Windows Opening Screen
wolw39.zip	920508 Windows OnLine Newsletter
wrk_doc.exe	920414 Win Resource Kit: Approx 550 pages of tech info
ww0323t.zip	910223 Microsoft's updated network documentation (11-27-90)
ww0335.zip	920415 MS App Note: Memory Management with Windows3.1
ww0524.zip	920415 MS App Note: Troubleshooting GP Faults (UAEs) Win3.1
ww0525.zip	920415 MS App Note: T-shooting 386 Enhanced Mode Probs (w3.1)
ww0526.zip	920415 MS App Note: T-shooting Win3.1 Setup
ww0527.zip	920415 MS App Note: New Features in Windows 3.1
ww0528.zip	920415 MS App Note: Fonts in Windows 3.1

ww0528.zip	920415 MS App Note: SMARTDrive and 32-Bit Disk Access (3.1)
ww0530.zip	920415 MS App Note: Object Linking and Embedding (OLE)
vhold.zip	910628 Module for AfterDark Screen Saver
xl3qa.exe	920418 Questions and Answers for Excel 3 (install,print, etc)

PROGRAMMING - /PUB/PC/WIN3/PROGRAMMER

blandmdi.zip	910826 Examples (in C) of a Minimal MDI Application
check02.zip	910226 C Syntax Checker for Microsoft Windows (Alpha Release)
cleanup.zip	920414 List of routines req'd after a Win Resource is used
codepad.zip	910412 Windows Programmer's Editor (80386 only/Cripppleware)
ddeapp.zip	911027 Position Paper on Dynamic Data Exchange Spec
dpmi_lib.zip	911107 C-Library for the DPMI 0.9
drfrank.zip	920118 Dr. Frank: Windows Postmortem Debugging Tool
drwat079.zip	911106 Dr. Watson UAE Interpreter Version 0.79
f4w3api.zip	920415 Fortran for the Windows 3.0 API kit
jklib.zip	910705 Class Library for Borland C++
kputil.zip	920218 KnowledgePro Compile Utility (ver 1.0)
lzsslib.zip	920223 Windows LZSS Compression library
mapwin.zip	920111 Examine API funcs, .DLLs, and Device Drivers
mb_view.zip	920415 Create/Display Message Boxes
msd11036.zip	911020 WW0440: The Dr. Watson and MSD Diagnostics
msjv6-5.zip	910919 Microsoft Journal Vol 6 No 5 Listings
netbios.zip	911108 NetBIOS DLL/Network Chat Utility for Windows
newexe.zip	911110 Provide More Information about Windows NE exe file
newspy.zip	910829 Clone of MicroSoft's SPY Program
oot-1-03.zip	920308 Object Oriented Analysis Documentation Tool
patchedt.zip	910929 Fixes the bug with a multiline editbox /w sources
pff1_3.zip	911027 Programmer's File Formatter
pfp219.zip	920415 Windows Programmer's File Printer Utility
printerh.zip	910826 printer.h: Defs of the funcs in _SORT, _BRUTE, _SPOOL
rx.zip	910930 RX - a reverse Windows(tm)3.0 resource-compiler
segheap.zip	920216 Implements a Segmented Heap in Global Memory (C)
sdkhlp03.zip	920418 Provide quicker access to the SDKWIN.HLP help file
t-bcinfo.zip	920226 Misc Tips/Tricks for TurboC
tdwin.zip	920416 Borland TurboDebugger Patch for Win3
textview.zip	910622 TextViewDLL:Tools for Writing Text to a Window
toolbar.zip	910728 Library to Implement Tool Bars
toolhelp.zip	910701 TOOLHELP.DLL Alpha Release 2, May 9, 1991
vlibbc.zip	920204 Windows Graphics Library (for SDK or BCC)
winb30a.zip	910424 Windows Batch Language Version 3.0a
wrip143.zip	911215 Intercepts FatalExit Msgs from Windows Debug Ver
wed12a.zip	910820 WinEdit 1.2A: Programmer's Editor for Windows
wpa06.zip	910820 WPEdit: Programmer's Editor for Windows (ver 0.6)
wvwd.zip	920104 Virtual 386 Write Protect Device System

C++ PROGRAMMING - PUB/PC/WIN3/PROGRAMMER/BCPP

bachtocc.zip	920418 BACHTOCC.C: Bach Toccata in D Minor Prog Example
bmploadr.zip	920314 C Source to Load BMP onto Desktop
classlib.zip	920226 Doc on TC++ container class libraries
ddispatc.zip	920115 How OWL Does Dynamic Dispatch Virtual Tables
owlbwcc.zip	920212 Examples of Custom Controls with ObjWinLib (OWL)
owldlgs.zip	920115 Examples of Using Dialog Boxes with ObjWinLib

wsupd1.zip 920212 Updated to BC++ WinSight Files

TURBO PASCAL PROGRAMMING - /PUB/PC/WIN3/PROGRAMMER/TP

calunit.zip 920115 Objects for Creating a Simple Calendar
chkwin.zip 910820 Code to Check if Windows is Running
dllmaker.zip 920202 Assemble Turbo Pascal for Windows Units into a DLL.
docdem.zip 920115 Illust use of Icons, Strings, Menus and Dialog Resrcs
modem.zip 920115 TP Modem Routines
ownrdraw.zip 920115 TP OwnerDrawDemo
pchart.zip 910820 TPW Charting Program
printbmp.zip 920115 BitMap Printing Routines
printit.zip 920115 Windows Print Routines
plife.zip 910820 TPW Implementation of the Game of Life
rubber.zip 920115 Rubberband Demo
splash.zip 920115 Splash Demo
sycolor.zip 920115 Set System Colors
tpu2tps.zip 910825 Extracts SYSTEM.TPS from TP6.0/TPW1.0 Runtime Library
tpwin31.zip 920413 Updated files for TP for use with Windows 3.1
tpwpxeng.zip 920115 Paradox Engine 2.0 under Turbo Pascal For Windows
tstrings.zoo 911210 Implement Null Terminated Strings
tpw-mmex.zip 911218 TP4WIN Multimedia Extensions DLL-Link Units
upconv22.zip 910911 Turbo Pascal Case Converter Version 2.2
wsound.zip 920212 Turbo Pascal Sound Routine
wtch11.zip 920430 Update Time/Date Stamps on Files (w/TP src)

PROGRAM LISTINGS - /PUB/PC/WIN3/PROGRAMMER/LISTINGS

blx12.zip 920115 Borland Language Express Spring 1991, v1 #2
blx13.zip 920115 Borland Language Express, v1 #3:
blxv1.zip 920115 Borland Language Express Winter 1991, v1 #1
ptv2n5.zip 920115 Source code from PC Techniques (v2n5)
wintech1.zip 920114 Source code from WinTech Journal (v1n1)

VISUALBASIC FILES - /PUB/PC/WIN3/PROGRAMMER/VBASIC

Note: The Microsoft Visual Basic Runtime Library (vbrun100.dll)
may be found in win3/util/vbrun100.zip, and is necessary
to run most Visual Basic applications.

apiref.zip 910712 Xref of Win API Calls to Their Defining DLL
bc_cdk.zip 911009 Doc Using BC++/IDE w/MS VBASIC Control Development Kit
bmpkit.zip 911106 Routines for .BMP Files From Within Visual Basic.
bv0442.exe 920418 Huge array support for Microsoft Visual Basic
bv0447.exe 920418 WINAPI.TXT: Win 3.0 API Declarations for Visual Basic
clpsib.zip 911106 Set WS_CLIPSIBLINGS style bit for all a Form's windows
colors.zip 910712 VB Color Editor Demo
ddeuti.zip 910712 VB Tool for Testing DDE Code
enumfont.zip 911106 Allows Visual Basic to Call Windows API Font Functions
filebox.zip 911106 Fake a Windows Style File-Open Box From Within VB
huge.zip 910712 VB & DLL for Creating Arrays <64K
icondemo.zip 911009 Demo of Icon Drawing with Vbasic
msgbox.zip 911106 VB MsgBox Places the Corresponding Code on Clipboard
mulpik.zip 911106 Multiple Selection ListBox for VB

real_ltd.zip	920229 Realizer Limited: A Basic Interpreter for Windows
scroll.zip	910712 One of 2 Scrolling Picture VB Demos
sndex.zip	911106 Create String Functions for VB
spsoun.zip	910712 VB & DLL for Making Sound
stdpro.zip	911106 PropView Tool for VB
vb4ctrls.zip	911118 Four Design-Mode Custom Controls
vb_kbase.zip	911104 Create a System-Modal Program/Window in Visual Basic
vbasic.zip	910712 First 2 InfoWorld Tech Talk Columns on VB
vbcomdem.zip	920316 Visual Basic Communications Demo
vbfindid.zip	911106 Determine or Define the IDs of Controls in VB Forms
vbhwnd.zip	911106 Support function for getting the hWnd of any control
vbgetdec.zip	911009 Create a File Containing DLL Procedure Declarations
vbmask.zip	911009 Display Bitmap with Center of it Being Transparent
vbptr.zip	911106 DLL for Pointer Support
vbpxen.zip	911106 Visual Video/Paradox Engine for database access
vbscr1.zip	910712 Second of 2 Scrolling Demos (see scroll.zip)
vbterm.zip	920316 Visual Basic VT100 Emulator (w/src)
vbtips.zip	911027 Compilation of Information about Visual Basic
vbtools.zip	910805 MicroHelp VBTools Demonstration Program
winapi.zip	911012 Complete Definition of the WIN API for VB
winfo.zip	911109 Routines for Getting Windows Info (mem, etc)

MICROSOFT SUPPLEMENTAL DEVELOPMENTAL DEVELOPMENT LIBRARIES /PUB/PC/WIN3/SDL

diskindex	901031 Cumulative Index of the SDL Disks 1-7
sdlldisk1.zip	901126 Disk One of the SDL
sdlldisk2.zip	901126 Disk Two of the SDL
sdlldisk3.zip	901029 Disk Three of the SDL (09-20-90 release)
sdlldisk4.zip	901126 Disk Four of the SDL
sdlldisk5.zip	901029 Disk Five of the SDL (HPPCL5A.DRV) (09-20-90 release)
sdlldisk6.zip	901029 Disk Six of the SDL (PSCRIPT.DRV) (09-20-90 release)
sdlldisk7.zip	901126 Disk Seven of the SDL
zipindex	901127 Zip Listing of SLDISKS 1-7

SOUND - /PUB/PC/WIN3/SOUNDS

84wavs.zip	920416 84 .WAV Files for Windows 3.1
audio31.zip	910902 Simulate Various Types of Equalizers and Crossovers
cdplay10.zip	920415 Play CDs on your CDROM Deck
drum.zip	920501 Petzold's MIDI Drum Machine for Multimedia Windows
fm10.zip	910910 Use FM Synthesis Abilities of Your Sound Card
kbmidi.zip	920418 Petzold's Keyboard MIDI Player for Multimedia Windows
mididevs.zip	920418 Petzold's Multimedia Windows MIDI Device Capabilities
nwave-01.zip	920512 39 .WAV files (was wave-01.zip; file is 1Mb comprsd)
oldsnds3.zip	911008 Original Version Sounds
sbpw31.zip	920418 Creative Sound Blaster Pro Drivers for Win 3.1
sndexamp.zip	911003 Using SOUND.DLL v3 w/ Excel & Word
sndtl26.zip	920427 SoundTool v2.6 to Play Sounds
soundr3b.zip	910927 Sounder 3b: Play Sounds on Your PC
sounds1.zip	910330 Several Sound (.SND) File
sounds2.zip	910330 Several More Sound (.SND) Files
sounds3.zip	910331 Even Several More Sound (.SND) Files
speak.exe	920422 Microsoft PC Speaker Driver

syma-100.zip	920415 Synth Manager for Yamaha TX81Z and Casio MT-260
voc2wav.zip	920413 .VOC->.WAV and .WAV->.VOC File Conversion
waaplay.zip	920418 AAPLAY.DLL: play Autodesk Animator Animation Files
waveit.zip	920410 .VOC to .WAV Converter
wavepool.zip	920415 WAVEPOOL programming language for creating sound files
whoop.zip	920426 Whoop It Up!--Maximize the sound functions in Win3.1
winplay.zoo	910326 Windows Music Player

ASYMETRIX TOOLBOOK - /PUB/PC/WIN3/TOOLBOOK

bbsfiles.zip	920416 BBS ToolBook Application
child.zip	920421 Parent/Child ToolBook Example
fullcat.exe	911010 Catalist 1.0 ToolBook Application
import.zip	920416 Import Toolbook Application
longtext.zip	920416 Loadlong Toolbook Application
musthave.zip	920416 Must Have Toolbook Application
newdlg.zip	920416 Dialog Application for Toolbook
pinboard.zip	911031 Pinboard Wizzard V.1.0 ToolBook Application
ruler.zip	910923 The Ruler ToolBook Application
setup153.exe	920511 A free runtime update to Toolbook
tbk-comm.zip	920416 Communications Toolbook Application
tbkopen.zip	920416 Adds Open Dialog Box Capabilities to Toolbook
tbksort.zip	920416 Adds Sorting Capabilities to Toolbook

UTILITIES - /PUB/PC/WIN3/UTIL

4win110.zip	910821 A 4DOS-Like Shell for Windows (ver 1.10)
5in1.zip	910513 Collection of Utilities for Windows (shell,memory,etc)
access21.zip	920203 Accessess 2.10 for Windows Desktop Organizer
achart12.zip	910606 ASCII Chart for Windows
addmnu34.zip	920512 AddMenu: Add options to your system menus (w/src)
advent.zip	901205 Advent Calendar, ver 1.0
alm30.zip	920506 New Version of Almanac for Windows 3.1
alw107.zip	920424 Astronomy Lab: generate astronomical events
alwin15.zip	910404 Active Life 1.1 Scheduler for Windows
apdock2c.zip	910809 A NeXT-like Tool Bar/App Dock for Windows (w/icons)
apdocs.zip	901121 Documentation for Aporia
aporia14.zip	901109 Powerful Object-oriented User Interface for Windows
appbar.zip	920414 Win3.1 update of Application Bar
appshl.zip	911009 App Shell 1.0 - Template for File-oriented Applications
archives.zip	920203 Archives: Pkzip/unzip Front-End for Windows (ver 3.08)
ascii-3.zip	910312 ASCII Table for Windows
at12.zip	910127 Schedule Program Events Under Windows
audit.zip	920427 AUDIT.ZIP: Stats on GDI/User heaps/MemMgr (w/src)
auxil15.zip	920109 DOS device driver that directs AUX output to CON
benchg11.zip	910115 PC Magazine Windows 3 Benchmark Test Suites
benvelop.zip	920313 Print Envelopes/Labels via Windows
backdesk.zip	910919 Combines BackMenu and BigDesk
bibfile.zip	920504 BiblioFile version 1.1: Reference Manager for Win
boxplt13.zip	910820 Create Box Plots for Loudspeakers Version 1.3
bputil.zip	920414 Win3.1 Update of Barry Press Window Utils
builder.zip	901103 An Applications Util Builder
cczip10.zip	910828 Yet Another Pkzip/Pkunzip Front End
cica2db.zip	920222 Converts Master Index file to comma and quote file

cicadir2.zip	920507 Manipulate CICA Index Files
click13.zip	910705 Click! 1.3 Filer Util for Windows
clinr2.zip	901118 Print Cassette Tape Liners
clipdial.zip	920202 Windows Clipboard Phone Dialer
cmdp72d.zip	920415 Command Post 7.2d for Windows
cook.zip	920508 Freeform Recipe Database Manager for Windows
cpuuse14.zip	911017 CPU Usage Indicator Version 1.4
cusbut10.zip	901222 Custom Buttons 1.0 (Customize Buttons for Hotkeys)
cycle.zip	910103 Cycle Among Active Windows
datcon10.zip	910211 Data Conversion (Ver. 1.0) for Windows
daycross.zip	911219 DAYCROSS v. 1.10 Calendar (req VBasic Runtime DLL)
daygold.zip	901214 Toolbook Util Daily Gold (Bible verses, trivia, etc.)
db11us.zip	901112 Windows dBase .DBF File Browser
dc111.zip	910820 Single Pass Disk Copier for Windows
disktool.zip	910610 Compliments FileManager (Disktool Ver 1.50)
dmap.zip	910204 Disk Map Util (shows free space, disk stats)
doorway.zip	910412 A DOS Command Line Doorway from Windows
doors.zip	910524 Provides a Gateway to a Directory in DOS or App
dough10a.zip	920415 Dough Boy Install v1.0 for Windows
drwats75.zip	910821 MicroSofts Diagnostic Tool for UAEs (ver 0.75)
drvwtch.zip	920207 DriveWatch: Monitor hard disks and system memory
dsiz10.zip	910711 Dsize: A Win3 Utility to Manage Drives
dumpv12.zoo	911216 Print Files in Background (v 1.2)
dvimsw24.zip	910321 New TeX .dvi Previewer Util for Windows3 (ver 2.40)
elana11.zip	910820 Change Windows Params the Control Panel Can't
element3.zip	910820 Periodic Table of Elements
ewtdebug.zip	901204 Windows Debugging Tools
exit10.zip	900731 Exit to dos from Win 3 Util--fast!
ext-pc.zip	911025 ExtractorPC Expands Files in CompactPro archives
ezml201f.zip	920421 EZ-Mail 2.01 for Windows 3.1
ezml201s.zip	920421 EZ-Mail 2.01 for Windows 3.0
fbuild14.zip	920129 Folder Builder for Windows (ver 1.4)
fc100.zip	910327 File Integrity Checker for Windows
ff10.zip	911016 Send Commands to EPSON compatible printers on LPT1
filema21.zip	920313 Small File Mgr for (copy/move/rename/delete)-ing files
filesave.zip	910204 Utility to Autosave your Work
flipper.zip	910117 Change Printer Orientation (Port/Land) via Icon (11/90)
fm422.zip	920226 Free Memory in an Icon (Metz)
folder31.zip	910820 Folders: Allow Groups within Groups Ver 3.1
fomr200.zip	920418 Foreigner: Copy Spcial Characters to the Clipboard
freeze.zip	920215 Windows Compression Utility (Ver 1.0 Beta)
frontw20.zip	920513 FrontWindow: Sophisticated File Manager
gander10.zip	910905 Windows File Viewer
glue.zip	910725 Glue v1.0; glues DOS programs to Windows programs
guitar21.zip	900810 Latest Guitar Modes and Scales Program Util
ha11.zip	920413 Heap Alert 1.1 GDI Snooper (VBRUN100.DLL req)
hexcnv10.zip	910805 Hex/Decimal/Binary File Converter for Windows
hfinance.zip	910412 High Finance Personal Financial Management System
hotkey.zip	900813 Assign WinApps to Single Keystroke Util
hpcalc.zip	901118 RPN Calculator
hunter19.zip	910412 File Hunter for Windows
hydk431.zip	920126 HyperDisk Cache for Windows/DOS Apps
inboard.zip	911102 An Electronic In/Out Board
inied102.zip	920302 IniEdit: WIN.INI Editor
inswin.zip	920501 EDI Install for Windows (Version 1.3)
inwineq2.zip	920415 Batch Utility: test if Windows is loaded

k4v301.zip	901115 Kawai K4 Synthesizer Patch Editor for Windows
kfree40.zip	910820 Kfree - free memory & disk space monitor Util
kiviat.zip	901105 Dynamic System Resource Indicator
kymous20.zip	910810 Turn Keyboard into Mouse for Windows
lasvegas.zip	900816 Cardfile of Las Vegas area hotels and casinos
loadmon.zip	911102 LoadMon: Yet Another System Load Monitor for Windows
lock.zip	910322 Lock Your Windows Terminal
lywhit.zip	900921 TASKS and DRIVES Utility for Windows (status programs)
ma11.zip	920427 Memory Alert 1.1 WinApp (VBRUN100.DLL req)
macaw103.zip	910815 Multiple Alignment Construction & Analysis Workbench
mark30.zip	900626 Mark Applications "safe" for Windows 3 Util
match110.zip	910527 Un*x like "diff" Utility for Windows (ver 1.10)
mega11.zip	920423 MegaEdit 1.12, ASCII/Binary Text Editor for Windows 3.X
metcn100.zip	901128 Metric Converter: handles fourteen metric conversions
meter.zip	920415 Windows Magazine disk space meter
metz-dlr.zip	900629 Metz Dialer Util
metz-fm.zip	900629 Metz Freemem Util
metz-lk.zip	910820 Metz Lock Util (ver 1.50 beta)
metz-ph.zip	910204 Metz Phones Util (Sept 90 Version)
metz-rnr.zip	900629 Metz Runner Util
metztskm.zip	910820 Metz Replacement Task Manager Ver 1.05
mewin10.zip	920422 MicroEmacs 3.11c Port to Windows
mewin10s.zip	920422 MicroEmacs 3.11c Source
mewri.zip	920422 MicroEmacs 3.11c Documentation
mlk101.zip	920421 MicroWerks Microlink Version 1.01 Comm Software
mredit.zip	910409 Mr. Edit: Yet Another Windows Editor
multip.zip	910118 MultiPad Multiple File Editor
musiclib.zip	920501 Updated Music Librarian Tool/Music Media Management
next22u.lzh	920213 AppBar in Windows like NextStep (ver 2.2u)
nocr025.zip	920422 Delete the Final CR/LF from the Clipboard
nodee1a.zip	910921 Strip ^D's (reset) from PostScript Print Jobs
nonag.zip	900614 Allow older WinApps to run under Windows 3 Util
notebk16.zip	910828 A Windows Text Editor
noteman.zip	910404 A Notes Database Manager
onexit.zip	911202 Execute Commands on Windows Exit
org140.zip	910710 Organize!: Windows 3 Personal Information Manager
ox.zip	910211 Win Debug Tool re/direct in/output to/from AUX device
pbbs18.zip	920317 PowerBBS System for Windows
perfm202.zip	910806 Windows Performance Meter (Histogramic Icon)
phmsm1.zip	910711 PhoneMessage Utility (need vbrun100.zip too)
pifhlp20.zip	920415 PIF Helper Ver 2.0: Start App from PM w/one icon
pinup12.zip	920424 PinUp Notes Version 1.2
plx15.zip	920513 Print Program Listings with Various Format Options
postman.zip	910514 Postman -- Windows PostMessage Utility (w/src)
powcom15.zip	920314 PowerBBS Front End for Windows
ppd11.zip	910409 PowerPad Windows Text Editor
progset.zip	910821 Progset: Clean Up Your win.ini (PC Mag w/src)
pshl209.zip	920415 Another Command-Line Interface For Windows
pubtech.zip	900912 PubTech FileOrganizer/BatchWorks/TextEditor **DEMO**
qs.zip	920416 QuickSwitch: Switch Between Windows
qvtnet23.zip	911005 WinQVT for Ethernet Connections
rais14.zip	920415 Raise and Lower Windows by Placing Pointer
rcalc.zip	911231 Reverse-Polish Notation Calculator for Windows
rcpwin20.zip	910820 Recipe Maker for Windows
recrun.zip	900731 Attach recorder macros to your Icons Util
redbtn.zip	920415 Yet Another Quick Windows Shutdown Util

remind15.zip	920113 Yet Another Reminder Utility
reminder.zip	910722 A Reminder Utility
resgauge.zip	911029 Windows Resources Gauge
restor55.zip	901127 Backup/Restore for Windows
rndst10.zip	920428 Random Configuration Program for Windows 3.1
rnprg200.zip	910820 Run programs maximized, minimized, normal, etc.
route1v2.zip	920509 Yet Another Icon Bar App Launcher
run.zip	920122 Run a Windows App from a DOS prompt w/in Windows
runit10.zip	910402 Alternative to ProgMgr "Run" Command
sabdu120.zip	910820 Format, Copy, Compare Floppy Disks
secch2.zip	920124 SecondChance: Associate File Extensions with WinApps
setc1234.zip	910412 Stores port addr you specify in the BIOS for COM1-COM4
sl-10.zip	920415 Superload: Another way to launch Apps at startup
speeder2.zip	920413 Change PC speed by modifying refresh rate
sprbar10.zip	920314 Create Custom Toolbars in Windows
stampb.zip	920415 StampBase: Stamp collection inventory system
startup.zip	920309 Analyze Windows Startup Config (via load= statement)
stat30.zip	920501 Date, time, free memory, percent of "system resources"
stopw13.zip	920307 Windows Stop Watch: Measure tim in apps
stub.zip	910412 Start Windows and an App by typing application name
suprrm.zip	911029 SoftBlox Resource Monitor for Windows 3.0
sysgraf4.zip	910815 System Load Average as a Graphic Version 4
sysup102.zip	920119 Utility for Showing Windows Uptime
sysuse12.zip	920424 Utility for Showing System Resources
syswit.zip	911106 Switch Between Five Alternative SYSTEM.INI File Configs
tabstat.zip	920414 Statistical Table Generator
tame260.zip	910330 Speed Up your Multi-tasking Environment
fft.zip	910418 Text File Searcher
tim-1.zip	900412 Tron Invoice Manager
tinyutil.zip	910715 Two Utils: Uptime and Reset for Windows
tmpplus.zip	920415 TaskManager Replacement
typemate.zip	910424 Set Typematic Speed
uc-3c.zip	920203 UniCom 3.0c: Windows Communications Pkg (NagWare)
updown.zip	910519 UpDown: Control Program/File Mgr restore/minimize
usher14c.zip	910812 Usher Assists Windows Users Find/Launch Applications.
uucode16.zip	911103 Uuencode/Uudecode for Windows
uwwin103.zip	920127 MultiWindow Interface to Unix Connected to Windows
uwin.zip	920512 U/Win Utilities Ver 1.1a
uwserver.zip	911204 Source Code for UW Server (see uwwin102.zip)
vbbook.zip	911009 Print ASCII files to LaserJets in Booklet Format
vbrun100.zip	910610 MicroSoft Visual BASIC Runtime Library (VBRUN100.DLL)
w3setcom.zip	910117 Configure COM3/COM4 for Windows
wab2b.zip	910903 Strings-like Util for Files (uses Notepad for Display)
wasc255.zip	920307 WinASCII: Ascii File Viewer
wbar15.zip	910409 Windows Bar Code Generator
wck30n.zip	920111 Checkbook Program for Windows (ver 3.0n)
wcmd110.zip	920415 Windows Command Line Interface
wcpumtrx.zip	910412 Yet Another CPU Meter
wcron22g.zip	920225 Windows Task Scheduler (ver 2.2g)
wdbwin10.zip	911230 WindBase Ver. 1.0 Database Manager
wed12j.zip	911007 WinEdit 1.2j
wfind15.zip	920509 Windows File Finder 1.5
whisk26a.zip	920117 Program Mouse Macros
win100.zip	910727 Kermit Communications Package for Windows
win3load.zip	910707 Win3Load: Multiple Statements WIN.INI "load="
win86.zip	910912 Another Series of Windows Benchmarks

winbatt.zip	920413 Win3.x Battery Monitor for Toshiba Laptops
winben20.zip	920117 PC Labs WinGraphics Benchmark Version 2.0 - 20 Oct 91
wincd.zip	911003 WinCD 1.1 E: Make Apps Run in Specified Directories
winck30n.zip	920415 Windows Checkbook Program
wincli3.zip	920102 WinCLI Creates a DOS like prompt to launch DOS/Win apps
wincrd.zip	901107 Windows Cardfile Text Conversion Program
wincron.zip	910929 Windows Cron-like Task Scheduler
windbase.zip	920122 Win3 Data Collection, Storage, and Retrieval Utility
windock.zip	920415 Drag-Drop WinApp Launcher
winext.zip	910723 Increase Power of File Associations in FileMgr (PCMag)
winez21.zip	920210 Windows Shell/Launch Utilities
winflash.zip	920421 Windows Flashcard Program
winfo.zip	910723 Windows Information Utility (video, sys, etc.)
winfsrc21.zip	920306 Monitor Windows Free System Resources
winhv20.zip	910729 WinHV 2.0: Windows HexView
winbox.zip	900813 Quickly Exit Windows Util
wingb.zip	910801 Read Chinese GuoBiao Coded Files Under Windows
winload.zip	910104 Load Windows at Bootup
winnav.zip	911211 Windows Navigator
winpark.zip	900731 Park your disk from inside Win 3 util
winpoem.zip	920415 Windows Poem Program
winqwk13.zip	920415 WinQwk: Win-based message reader for Qwk packets
winsp105.zip	910920 Check Your Spelling in ANY Windows Application
winshell.zip	900922 Utility to edit SYSTEM.INI to make utilities run as a
winsweep.zip	911030 File Browser for Windows
wintide.zip	910412 Linear Tide Clock
winzoo21.zip	920317 2.10 of ZOO Compiled for Windows
wload.zip	911217 Asynch Loader for Win3+Topclock (time on all windows)
wmail11a.zip	911114 Mail System for Windows
wn100k.exe	900710 Windows3 VT100 Terminal Emulator Util
wndc111.zip	920415 Single Pass Disk Copier for Windows
wnder101.zip	920124 Run Win at boot;Countdown before Win is Loaded, etc.
wnkerm23.zip	911109 Windows Kermit 2.3
wnqvt478.zip	920503 WinQVT 4.78 Communications Package
wnrp143.zip	910629 Util intercept FatalExits from Win Debug (get ox.zip)
wnspd.zip	920415 WinSpeed 1.0 - Windows 3.0 Performance Analysis utility
wnsk12.zip	920512 WindSock 1.1 Win Performance Analyzer
wprint.zip	920418 Win 3.1-specific: Print a text or bitmap files
wpst31.zip	920107 PostIt Notes for Windows Version 3.1
wr13.zip	910930 Offline Mail Reader
wscan89b.zip	920506 VIRUSCAN for Windows 3.1
wsend14b.zip	920415 LAN Broadcast Message Utility
wshel201.zip	920513 Command Line Shell for Windows
wsim10.zip	920511 Windows 3.x based Simtel Index Search Program
wsmooth.zip	901022 PC Mag SMOOTH File Scroll Util for Windows
wtch11.zip	920512 Windows File Date/Time Update Util (touch)
wuna210.zip	920413 Windows Archive Extraction Utility
wxlslib.zip	920223 WXLS: Xlisp-Stat for Windows
wzun11.zip	920428 Windows Info-ZIP Unzip, Version 1.1
x10win11.zip	911003 Win3 Application for Driving the X10 Powerhouse
xantippe.zip	920302 An Information Structuring Workbench (Help System)
zipw13.zip	920321 Flashpoint ZIP/ZIPX Utility for Windows (ver 3.01.03)
zm301.zip	901107 ZipFile Manager Utility

WINWORD - /PUB/PC/WIN3/WINWORD

booklet.zip	911021 Print Booklets with Word for Windows without Paste-up
default.dir	910110 Configure WfW's Default Working Directory
dinger20.zip	910221 Macro to Insert Dingbats, Symbols, and W4W Chars (v.2)
env32.zip	910513 Enveloper 3.2: WfW Macro to Print Envelopes on HPLJs
epsflt.zip	910315 Beta Version of MicroSoft's EPS Filter for WfW 1.1
fixwin.zip	920128 Macro to DwnLoad PostScript Fonts
fnftab10.zip	920111 Macros for Displaying and Printing Font Samples
gading.zip	910207 InsertExtSymDing Macro to insert Symbol/Dingbats
gbord1.zip	910520 BorderPage: Macro draws a rectangular box around page
gcd27.zip	910520 ChooseDirectory: Macro to set working directory
gljmrk.zip	910520 Macro Inserts a Print Field at the Current Insertion Pt
gpsenv21.zip	910531 PrintPSEnveope Macro (PostScript Envelope Printer)
gpsmrk.zip	910531 InsertPSMark: Insert watermark across a page (Pstscrpt)
gshade13.zip	910520 ShadeParagraphPCL: Macro to grey-shade paragraphs
gtools.zip	901208 Document of Macro Examples, Tricks, etc.
hc300b.zip	920421 Fix for Help Compiler and RTF files from Winword
keynomac.zip	910917 Doc for WfW's Macro Utility MacroAssignToKey
refmac.zip	911202 WfW Reference Database Macro (for bibliographies)
symbol.zip	910409 Help with Symbol Set/WfW
tblnubr.zip	910801 Table Numbering Macro (RichText Format)
wingrab.zip	911030 Attach WinGRAB's DB Program to your Utilities Pulldown
winword.fonts	901108 How to Access Fonts in WfW
winword.trk	910101 Trick to Display Fireworks/Authors in WfW Ver 1.1

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PARTING COMMENTS (FAVORITE QUOTES)

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[FIRST MESSAGE]

"I agree about overpriced shareware. I think the market will eventually weed these people out though. I guess people who write their own software always feel that it's worth more than it really is. I guess they get too attached to it."

[SECOND MESSAGE - FOLLOWING PUBLICATION OF BESTWIN LIST]

"Your comparisons are somewhat blinded by cost. Putting so much emphasis on software for free is ridiculous and undermines the shareware philosophy."

-ANONYMOUS SHAREWARE DEVELOPER UPSET WITH THE REVIEW OF HIS PRODUCT

"I think you're right, shareware prices are too high. If people like to make little programs that will benefit all Windows users, then it should be freeware! The happiness of many people is much more important than a few bucks for one."

-GEERT VAN KEMPEN (AUTHOR OF APPBAR)

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Thanks for reading my list! Look for a new one next month!

-Diego A. Aranda

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