

The Barry Press Utilities for Microsoft Windows 95

Release of 6 May, 1995

Summary

This archive contains The Barry Press Utilities for Microsoft Windows 95. The current version of the utilities can always be found on CompuServe in the WINUTIL forum. Support is available there, and by e-mail to the author at one of these addresses:

CompuServe: 72467,2353
Internet: 72467.2353@compuserve.com

Installation

The utilities may be installed by copying all of the files to any directory on your machine. The two AfterDark modules should be copied to your AfterDark directory, for instance \AFTERDRK. The files are all independent and may be copied selectively with the exception of the executable files (i.e., EXE) having help files (i.e., HLP), which should be copied as pairs. None of the programs have to be in a PATH directory, but doing so eliminates the need to type the full pathname to start the program.

This release of the utilities does not include an installation program (I'm working on one). The installation of the RUNNER32 utility requires entries be made in a system file pointing to the location of the file RUNNER32.DLL. If you put RUNNER32.DLL in a directory called C:\WIN32APP then setup is simplified – see the section below on RUNNER32.

Registration

The entire set of programs and documentation is Copyright 1991-1995 by Barry Press, and are released as shareware. If you use any of the utilities in the collection beyond a two week evaluation period, you are obligated to send \$20.00 (U.S. funds; cash, check, or money order) to

Barry Press
2494 East Cheshire Drive
Sandy, UT 84093-1849.

Registration licenses a specific user on as many machines as are used solely by that user, or alternatively licenses a specific machine (not network servers) for an unlimited number of users. You may copy this software (subject to the \$20.00 registration fee for each user or machine) freely as long as the entire collection is distributed without modification, including this file.

Registered users will receive by mail a copy of the latest version of the utilities plus the DLLMan program, a utility for analyzing DLL requirements and usage. Registered users are also entitled to obtain updated versions from the WINUTIL forum on CompuServe or from the Internet at no additional fee.

Please accompany your registration with the following form so I can contact you regarding updates.

Name: _____

Company: _____

Street/Apt: _____

City/State/ZIP: _____

Country: _____

Computer: _____

Preferred Disk Size: _____

From Where Did You Get The Barry Press Utilities?:

Registered Version: 6 May 1995

Source Code Availability

Registered users may, for an additional \$75.00 (U.S. funds), purchase a complete copy of the source code and related files for the entire set of utilities. The source may be compiled with the Microsoft Visual C/C++ compiler (Version 2.0) and Windows 95 SDK. The source code, although it remains the copyrighted property of Barry Press, may be included by purchasers in other derivative programs which are distributed or sold as long as the copyrighted source code is itself neither given away nor sold, and as long as the notice that portions are copyrighted by Barry Press appears clearly in the product.

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Program Information

CalPop – A Simple Calendar for Microsoft Windows

CalPop is a small program which displays any month between January 1980 and December 2037.

When you start CalPop, it displays the current month. The arrow buttons on the scroll bar at the bottom change the display by one month; the left arrow moves back one month, while the right arrow moves forward one month. The left and right scroll bar ranges have similar effects, except that the change is by one year. The scroll bar thumb may also be moved to any point desired.

More than one instance of CalPop may be run in order to display several months. The first instance will appear at the location you left it on the screen previously. The font may be changed by a menu item in the system menu (upper left corner of the CalPop window).

CalPop responds to a keyboard interface for the scroll bar as well as the mouse. Arrow keys correspond to the arrow buttons; page up/down keys to the scroll ranges, and home/end to the first and last months.

CodeList – ASCII or Raw File Printing

CodeList is an application to print ASCII files under Windows. It supports drag and drop operation, making it useful as an icon in the taskbar, and is configurable for font, printer orientation, number of print columns, presence of line numbers, and other features. All the settings you choose (as well as the size and position of the CodeList window when not iconized) are remembered between invocations.

CodeList solves the problem of how to get text file listings under Windows. Under DOS, one could always use the PRINT command, or could copy the file directly to the PRN device. Under Windows, however, you have had to use a program such as NOTEPAD to do printing for you. I found this inconvenient, since NOTEPAD added margins I didn't want, and could not do multiple columns or line numbers. I also found other printing utilities inconvenient because they required more intervention from me than simply "do it." Hence CodeList.

A new feature in CodeList for Windows 95 is the ability to directly send files to the printer without any formatting or other changes applied. This is particularly useful if you have a PostScript printer and want to send a PostScript file (such as you might have found on the Internet, or such as you can obtain by printing to a file through a PostScript printer driver). Any file opened or dropped in CodeList with the extension .PS will automatically be printed as a raw file.

Flipper – Simple Printer Orientation Control

Flipper runs only as an icon in the taskbar, and displays the current orientation of the default printer. When double-clicked, it will change the printer's orientation, updating the icon in the process. A tool tip is displayed if you leave the mouse over the Flipper icon, showing the printer orientation as portrait or landscape. Flipper notices when you change the printer orientation, as well as when you change the default printer.

I had wanted a dolphin for the icon (of course), but had no handy clip art and I'm no artist. The icons for portrait and landscape in the original versions of Flipper weren't exactly ready for the Museum of Modern Art. The wonderful dolphin icons are the work of Michael Lessa (Thanks! Thanks also to Peter Montgomery for getting them to me).

Match – Visual Text Comparison

Match is a text file comparison program designed to display the differences between two files in a window. A help file is included with the program which should tell you what you need to know to run the program. (Try Help Index after starting Match).

Runner -- A Simple Command Line

Runner adds the capability to run a DOS command line to the Windows 95 shell (Explorer). When installed, Runner adds a "Run Command ..." menu choice to the right-mouse context menu displayed by Explorer. Runner accepts any command line acceptable at a DOS prompt or as a command line if you use the Run command found under the Start button. Both Windows and DOS programs may be executed using Runner.

Installing Runner

Runner for Windows 95 consists of two files – RUNNER32.DLL and RUNNER32.REG. The RUNNER32.REG file contains information that adds the program into Explorer. In that file is a line that reads like this:

```
@="c:\win32app\runner32.dll"
```

If you copy RUNNER32.DLL to C:\WIN32APP then you do not need to make any changes to the REG file. If you want RUNNER32.DLL to reside somewhere else on your system, you will need to change the above line to reflect the different location. For example, suppose that you want to keep the files in D:\WINTOOLS\PRESS. In that case, edit the REG file line shown above to look like this:

```
@="d:\wintools\press\runner32.dll"
```

Be careful to get this right, as having Runner work properly depends on getting it exactly correct. I'll be writing an installer to do this for you later, but it's not done yet.

After you edit the file (if you don't use C:\WIN32APP), open explorer and double left-click on RUNNER32.REG. You should get a message that the information has been successfully entered into the registry. To test if the install worked right, right mouse on a file in Explorer, for instance RUNNER32.REG. If the menu includes "Run Command ..." now, it's up and running.

In addition to files, disks, and directories in Explorer, you'll find you can right mouse on the Start button and have the "Run Command ..." menu item as well.

Time -- Yet Another Digital Clock

Time is a digital clock for Windows. You can select the format of the display, and can choose where the window sits on the screen. The window does not force itself to the front when covered, so it's compatible with all Windows screen blankers.

The first time the program starts on your machine, it will choose its location on the screen as the upper left corner. You can position the window by holding down the left mouse button in the window and dragging it to the desired position.

The next time the program starts, it will place its upper left corner where you positioned it, with the exception that it will adjust the position if required to force the entire window onscreen. This means that, for example, if you want the window to always be positioned in the lower right-hand corner you can move the window as far right and down as possible (so most of the window is off-screen), then terminate (Alt-F4) and restart the program. The window will remain aligned with the edge no matter how long or short the date string becomes.

Time also gives you control over its format and whether or not it beeps every hour. To control these options, mouse on the window and then hit F1. A dialog box will appear. Choose the time format you want by mousing on the corresponding model line in the dialog box. Select or deselect beeps on the hour by checking or unchecking the box for Beep on Hour. Install the new options by hitting OK; cancel all changes by hitting Cancel.

Windows uses the TZ environment variable to specify the time zone abbreviations. For example, I use the line:

```
set TZ=MST7MDT
```

for Mountain time. The case you set in the TZ variable will be reflected in the displayed time.

Waver – Play Random Multimedia Files

Waver is a Windows application to play randomly chosen multimedia files at random times. It supports drag and drop operation, making it useful (or, at least usable) as an icon in the taskbar, and is configurable

for the minimum and maximum time interval. All the settings you choose (as well as the size and position of the Waver window when not iconized) are remembered between invocations.

Waver solves the problem (!) of things being too quiet and dull while you work. Actually, I wrote a program to randomly display jokes under Windows some time ago (sorry, the joke file appears to be copyrighted so the program remains unpublished), and after writing CodeList (also in the Barry Press Utilities), it occurred to me that the sounds equivalent of the joke program would be a straightforward adaptation of CodeList. Hence Waver. While updating it for Windows 95, I found a way to expand its operation from sound (WAV) files only to any multimedia file acceptable to the Windows MPLAYER program.

Directions for running Waver are in the help file.

DLLMan – Windows Dynamic Link Library Investigator

DLLMan is a Windows application to help you discover relationships among executable (EXE) files and Dynamic Link Libraries (DLL's). DLLMan is a bonus application sent to registered users of the Barry Press Utilities.

DLLMan will do two things for you:

1. It will show you the set of DLL's referenced by an EXE or DLL.
2. It will show you the set of DLL's and EXE's that reference a DLL.

You open a file, either a DLL or EXE, into DLLMan in the usual Windows manner using a File.Open command. You can also put the file name on the command line or drop a file from the File Manager into the DLLMan frame window background. Once the file is opened, the list of DLL's required to run the file will be displayed in the window. DLL's that cannot be found will be shown in red; DLL's that are found will be followed by the complete path name of the file Windows will use for that DLL.

If you check the View.Explode References menu item, then when a file is opened all files directly or indirectly referenced will be themselves opened into windows.

If a DLL is missing, you can use the Search.Locate DLL command to find the necessary file if it exists on your system. Follow these steps:

1. Use the Search.Set Search Root command to tell DLLMan where on your computer to start looking for files. By default, this will be your Windows directory (e.g., C:\WINDOWS). Changes you make to the search root are remembered by DLLMan.
2. Highlight the DLL you want to find, and fire off the Search.Locate DLL command. After a while, a dialog box will open containing a list of files that provide the module. You can move the file into the application directory, into the Windows or Windows system directory, or into some directory on the path.

Certain DLL's are built into 16-bit Windows and, although shown as not found by DLLMan, are always present. They include KEYBOARD, KERNEL, GDI, and USER.

The toolbar includes an icon for the Search.Locate DLL command; you can also run the command by double-clicking on the DLL name.

You can also use DLLMan to find out what files use a given DLL. To do this, open the DLL into a window, set the search root, and run the Search.Locate Usage command. Do not select a DLL in the opened window when you do this. There is also an icon on the tool bar for this command.

DLLMan will print the contents of its windows, and will copy the contents of a window to the clipboard in text format.

DLLMan searches are multithreaded. Specifically, if you invoke the functions to find a DLL or to search for users of a DLL, a thread will be dispatched to do the work, and the DLLMan user interface will remain active. You can have multiple searches running at once. The status bar will report the number of active searches. The cursor will become the "startglass" (wait+arrow) cursor in the individual file windows to indicate this as well.