WinHog
Version 2.0 March, 1993
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Abstract:       WinHog provides a graphical Pie Chart depicting the relative size of the
                directories on a disk. This program requires VBRUN200.DLL.
VBRUN100.DLL
                will not work with this version.

Directions:     Using the disk and directory list boxes on the left of the form, select
the

                desired directory to start from by double clicking on the directory name
(the

                default is C:\).   WinHog will examine the selected directory as well as
all sub

                directories to determine the size of all non-hidden files and hence the
size of

                the directory.  These directory sizes are accumulated and displayed in
the

                form of a Pie Chart color keyed to the directory list (in size order) on
the

                right.  If more than 15 directories are found, a vertical scroll bar will
allow

                you to see all of the entries. Empty directories are not displayed.  To
see the full                       path name of the selected path and the byte count of
the sub directories, place                     the mouse over the desired box
corresponding to the sub directory (the colored                 box with the
percentages) and hold the mouse down. (This feature is new to
        version 2.0)

**About WinHog 2.0:**
WinHog was designed and built using Microsoft's Visual Basic(tm) 2.0 for three
reasons.  First, it replaces the excellent utility HOG that was DOS based and
performed basically the same function.  Second, it provided motivation for me to
learn VB and explore its abilities as well as to develop programming practices for a
Windows environment.  Finally, it represents my first attempt at a shareware-type
product and to learn how to distribute software through the various shareware
mechanisms.  If all goes well, I hope to generate more Windows (and someday OS/2)
utilities and productivity applications.

**Shareware stuff:**
The shareware version of WinHog is distributed with an introduction form outlining
the purpose of WinHog as well as the shareware requirements.  Once the OK box has
been selected, WinHog displays a red message in the lower right corner saying
"Unregisterd WinHog".  The registered version of WinHog does not have the
introduction form at startup and the message in the lower corner will have the
registered owner's name displayed.
A $5 registration fee is requested in order to get the registered version on disk and
the source code will be made available for $15 (which includes a registered version of
WinHog).  Registration information as well as comments, suggestions, bug reports
and snide remarks can be sent to:

                Michael D. Price, CSP
                P.O. Box 149

Pickerington, Ohio   43147-0149

I can also be reached at my fidonet E-Mail address:

The Christian Star (1:226/150)

## KNOWN PROBLEMS AND AVOIDENCES (Version 2.0)

PROBLEM: WinHog repeats the same color key after 14 directories.
SOLUTION:  Visual Basic supports the 16 QuickBasic colors very easily without getting into shading and other gyrations for color.  For Version 2.0, I focused on functionality of the utility and avoided the difficulty of managing the large color palet available in VB 2.0.  The reason only 14 of the colors are supported is that black and grey just wouldn't work with what I was trying to display.

PROBLEM: I click on a directory in the directory box but the display I get is always for the root directory.
SOLUTION: You must **double** click on the desired directory.  A double click will change how the directory box looks by presenting you with a list of the sub directories in the selected directory.

PROBLEM: The percentage value in the colored boxes adds up to more or less than 100%.
SOLUTION: Don't be so picky!  Seriously, I have rounded off at two decimal places and this situation can occur when on directory has many megabytes and another directory has only a few bytes.

## CHANGE HISTORY

Version 1.0 - September, 1992
Initial release

Version 1.1 - October, 1992
Changed Text boxes to Label boxes for directory listing and other displays.  This prevents user from performing CUT/COPY/PASTE operations on results.

Changed screen object refresh order for subsequent executions of WinHog.  This was cosmetic and made the chart clear and refresh process appear neater.

Implemented the registered user mechanism.  This allows me to only change two constants in the GLOBAL module in order to create a registered  version for someone.

Added the exploding look to the startup of the form.

Version 1.2 - October, 1992
OOPS!!!!! During final revisions I missed a subscript naming change.  This caused the text displayed in the color coded legend on the right side of the screen to not scroll properly.  This has been corrected and I have been flogged brutally to atone for my testing oversight.  THANKS TO JOE COOK OF CEDAR RAPIDS IOWA FOR FINDING THE PROBLEM AND E-MAILING A MESSAGE! THANKS!!!

Version 1.2a - November, 1992  (Registered Owners Only)
The text trunction problem noted in the earlier release notes has been solved!  When running some PS/2 and OS/2 2.0 systems, the text of some fields appeared to be slightly different in characteristics than my development machine.  This caused some "tight fitting" text fields to word wrap where I didn't expect them to.  By enlarging each field slightly, I gave each character/ sentence a little room to grow.

Version 2.0 - January, 1993
Upgraded to Visual Basic Version 2.0.

Corrected the missing or garbled directory pathname.  The problem occurred on systems who had a volume label for their hard disk.  This caused a line wrap within a single line text box causing the second line to contain the path but only show the top few pixels.  My most sincere apologies to those who had this problem and thought WinHog was junk.

Added ability to use the mouse and select a color coded box corresponding to a slice of the pie and have the full path name and the total bytes for that directory display in a small pop-up.

Fixed two scrolling problems that caused up to two of the smallest directories to not be displayed.  Also, corrected problem when scrolling with many directories, every 16 directory is skipped in the scroll process.

Fixed problem where disproportionate directories (e.g. a 4Megabyte directory and a 34 byte directory under same root) would not graph properly.  There may still be random instances of this since it is difficult for me to test it but I hope I got the worst of it.

Added ability for REGISTERED VERSIONS to show amount of free space left on the disk excluding hidden files.

Code clean-up, performance enhancements and internal documentation.