

## FullDisk Version 2.2 Help Index

Welcome to FullDisk, the Windows application to profile sub-directory trees and file sizes on your network or local hard drive.

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## **Installation**

Simply copy all files to a new directory of your choice. Read the important [Legal](#) information before use.

The application is fulldisk.exe. When launched, FullDisk searches your drive for all sub-directory trees and the file sizes therein starting with the currently selected drive.

That's it!

## **Rescan menu commands**

The Rescan menu offers the following commands:

From Root      This command rescans the entire drive and is identical to hitting the Go To Root button.

This Tree      This command rescans the presently displayed tree.

## **Options menu commands**

The Options menu offers the following command:

Settings      You have the choice of displaying the results in the list box in bytes, kilobytes or megabytes. The choice is persistent across sessions.

The choice also applies to the text at the bottom of the window.

## Use and Navigation

FullDisk permits quick and easy profiling of the contents of a local or network drive. Menu selections permit:

- rescanning as needed
- choosing the units for display results (bytes, kilobytes or megabytes)

Refer to the [Rescan menu](#) and the [Options menu](#) topics for details on how do the editing.

When launched, FullDisk searches your drive for all sub-directory trees and the file sizes therein starting with the currently selected drive. This can be a lengthy process (15 seconds) depending on drive size and speed. A dialog box displays the progress of the search.

Thereafter, you navigate by clicking on the listbox or the two buttons. Selecting a new drive will cause a delay while it is scanned.

The Go To Root button returns you to the root of the present drive and rescans the drive.

The Go Up button moves up one level in the directory hierarchy and rescans.

At any time you may choose a new drive via the combo box and it will be scanned starting at the root. The box shows the "short name" of the directories.

FullDisk has been designed in anticipation of multi-gigabit drives and will not be subject to the 4-gig limit of similar applications.

## Registering

FullDisk is distributed as Shareware. It is not free or public domain. This means you may copy and distribute it freely but should you find it useful and use it beyond an initial evaluation period of 30 days you are obliged to pay the license fee.

The single user license fee is US\$10. More is accepted if you find this software of superior value!

You can register this program by mail. Cash or checks/cheques can be accepted in any major currency, equivalent in value to US\$10 per copy. Cash is preferred. Please use the [Shareware Registration](#) form.

Registered users will be sent a registration number to disable the reminder box. This number will be good for all subsequent Shareware versions of the program that may become available.

If you enjoy this software, do the decent thing and register!

I would be pleased to receive any comments, bug reports or suggestions for future releases. I may be contacted by e-mail at [pgerhart@voicenet.com](mailto:pgerhart@voicenet.com).

## Other Applications by the Author

If any of my other apps below look interesting contact me by e-mail at [pgerhart@voicenet.com](mailto:pgerhart@voicenet.com) or visit my ShareWare site at [http://www.voicenet.com/~pgerhart/\\_shware.html](http://www.voicenet.com/~pgerhart/_shware.html).

### QuickChart

QuickChart permits quick and easy viewing, printing and navigation for financial data stored in MetaStock or CompuTrac format. The user is presented with crisp, clean charts.

The color scheme of the chart may be user configured. Charts may show volume and user-defined moving averages.

Toolbar buttons, arrow keys and a right mouse popup menu enable navigation among the charts. In addition, a SlideShow mode is supported to automatically sequence through a portfolio.

### MetaFix

MetaFix permits you to modify the disk files for MetaStock or CompuTrac format data including:

- editing a single quote
- adjusting a quote series for a split
- adjusting a quote series for Price or Volume multipliers
- deleting a quote
- displaying underlying facts about a quote series
- automatically scanning for potential splits

**No files are ever deleted** - any edited .DAT file is first saved with the extension .BAK. This is unlike comparable applications! Also, the automatic split-search is unique and provides suggested split ratios for both forward and reverse splits.

### URLegal

Think you've gotten some broken links? Well, offer up your bookmark files and URLegal, will find those bad links.

URLegal is a 32 bit application. You can choose a single file to test or recurse through sub-directories. Each HTTP URL in each file is automatically tested by attempting to connect on the Web to the target site and receive the specified HTML page.

The results of the test are displayed in a text window and can be exported to a text file or an HTML file.

A "re-run" button exists so that, with a single mouse click, you can completely re-test only the failed links (without wasting time re-testing all the good ones). This is useful as URLegal may be forced to declare some links as broken when the real problem is that the target server is very slow.

URLegal offers 21 filtering options on the results so that you can learn all the sordid details of the target URLs or simply the infamous 404 bad boys (the dreaded "Not Found" pages).

URLegal can automatically repair the pages containing the bad links identified by your chosen filtering options.

Contact me by e-mail at [pgerhart@voicenet.com](mailto:pgerhart@voicenet.com).

## Registration Form

Print this form and send it with your remittance to:

Paul Gerhart  
101 Magella Court  
North Wales, Pennsylvania  
19454 USA

Please give an e-Mail address if you have one so I can inform you of your registration code as soon as I receive your order, and give timely information on upgrades.

FullDisk Registration Form.

I wish to register \_\_\_\_ copies of FullDisk .

I enclose a check for \$US\_\_\_\_\_ (\$10 per copy)

I enclose cash for \$US\_\_\_\_\_ (\$10 per copy)

Name(s) \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Code \_\_\_\_\_

Country \_\_\_\_\_

E-Mail \_\_\_\_\_

Where did you obtain FullDisk from? \_\_\_\_\_

It would be helpful for me if you could tell me how you use the program. I can then use this information when planning new features for future versions. Also provide any comments/suggestions.

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Thank you!

## **Important Legal Stuff**

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[Registering](#)

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## How Win95 Computes Sizes

Windows 95 and DOS (like Windows 3.1 and DOS) compute sizes in different ways depending on what you are asking for. FullDisk computes in the same way as Win95. However, sometimes there can be confusion so a brief discussion follows:

Let's will define two ways of computing: "file" and "sector".

In "file" mode the exact number of bytes of files(s) are counted and that is all. The smallest file size (of a real file) is one byte. In "sector" mode, the smallest increment is the "allocation unit" which is peculiar to your drive and determined by its design and choices made when the drive was formatted. A typical allocation unit size is 8192 bytes.

Sizes are reported by the "file" method in FullDisk's list box, FullDisk's computation of the pie chart, FullDisk's display line of "Size of tree" and Win95 Explorer when individual or multiple files or folders are selected and the Properties are examined. You can confirm that Win95 and FullDisk report the same byte count values for a given tree.

However, when Win95 Explorer is used to display the Properties for an entire drive then the "sector" technique is used. The "sector" technique is also used by FullDisk in the display line that reads something like "C:\ has 23,456,789 bytes in used sectors". Also, FullDisk's display line describing the free space uses the "sector" technique. This is also the way the classic DOS chkdsk function works, too. In all these cases, the total bytes shown is an integer multiple of the allocation unit size.

The "sector" technique is the correct way to talk about used space and free space because once the first byte is written to a particular allocation unit on a drive then that unit is unavailable for other files. Thus, the file's size determines used sectors as a function of how many allocations units the file requires. However, when you want to account for the actual size of files then the "file" technique is appropriate.

In summary, there are two ways of computing size and FullDisk and Win95 do these computations in a consistent way.

**What is New in 2.2?**

Fixed bug where free space incorrectly displayed when not a root.  
Fixed bug where read-only directories were ignored. (Thanks, Larry)  
Added text clipping to long file names.  
Added display line for used sectors.  
Changed registration encryption key.  
Added Help topic on How Win95 Computes Sizes.

