



## FolderSizes - Fact Sheet

### Powerful Disk Space Analysis Software for the Enterprise

FolderSizes is a powerful disk space analysis, visualization, and management software product created by Key Metric Software. It runs on any edition of Windows 10, 8, 7, Vista and Windows Server 2019, 2016, 2012, 2008. Both 32- and 64-bit environments are fully supported.

Under continuous development since early 2003, FolderSizes is designed from the ground up with enterprise scalability in mind, and is actively used to analyze some of the most demanding production file systems in the world. FolderSizes is the first product in its class to offer native 64-bit support along with a powerfully multi-threaded file system analysis engine, further extending its leadership in the enterprise market.

FolderSizes is built upon a unique, highly specialized in-memory database model that captures file system analysis data with exceptional speed and scalability. This, combined with the ability to analyze multiple, discrete (local and network) file systems *at the same time* results in an extremely dynamic, real-time analysis experience.

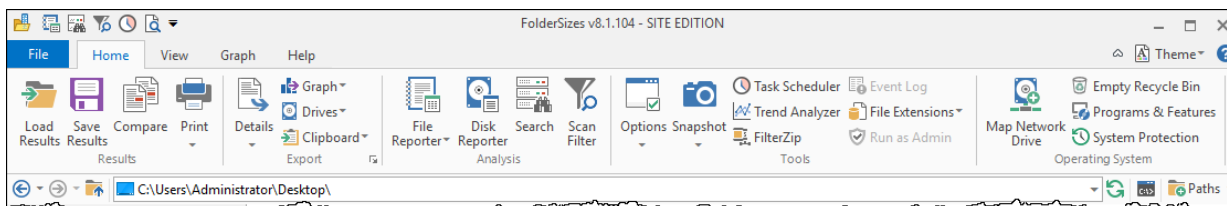
### Key Features of FolderSizes

FolderSizes has a broad range of features and functions, all designed with one goal in mind: help you understand how and where disk space is being used (and by whom). This information can then be used to reclaim storage resources, improve storage capacity planning, streamline backups, share disk space usage reports with users, and much more.

Below, we'll outline several of the key features of FolderSizes.

### Ribbon Command Bar

FolderSizes uses a ribbon-based main window command interface to provide users with fast, prioritized access to its many powerful features. The ribbon can be fully collapsed or expanded, and provides excellent usability (including keyboard shortcuts for every command).

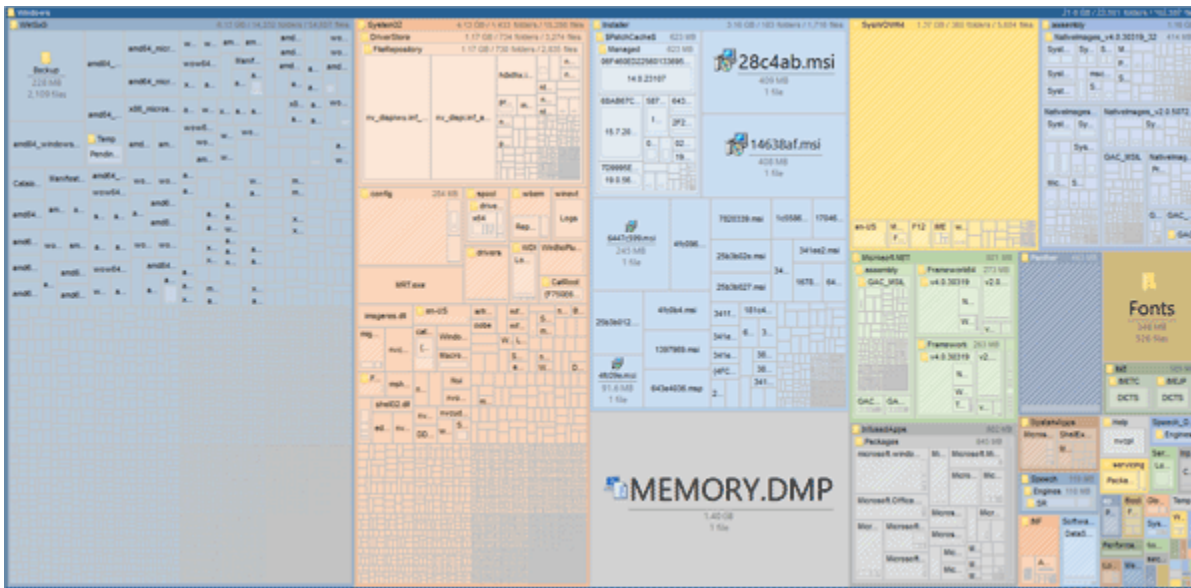


The FolderSizes ribbon bar is also fully customizable, with full support for editing and creating tabs, groups, and commands. Multiple themes, each with varying levels of visual contrast, are available.



## File System Visualization

FolderSizes offers multiple graph types to help users visualize storage resource allocation, including bar and pie charts, as well as our amazing hierarchical folder map view (shown below):



The above sample folder map provides a hierarchical view of multiple top-level disk drives. This view effectively communicates the complete hierarchy of file system object sizes within a relatively small spatial area. Immediately, you get deep insights into which file system objects are using the most space.

## Analysis Concurrency

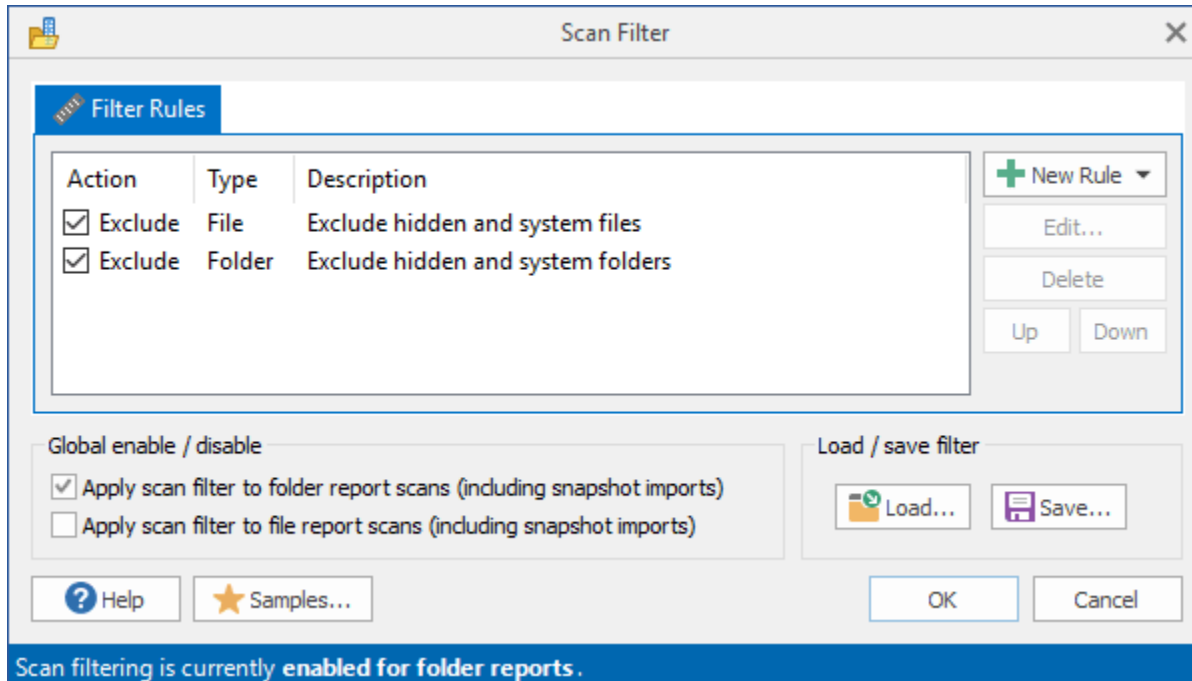
All FolderSizes file system analysis features are capable of scanning multiple file system paths at once, providing a huge performance benefit. Now you can generate arbitrarily complex disk space analysis reports across multiple file systems, as quickly as possible.

Only FolderSizes utilizes an advanced, multi-threaded file system analysis engine design capable of maximum throughput on both local and remote file systems.



## Scan Filtering

FolderSizes can generate highly customized file system analysis reports via its unique scan filtering engine.



With scan filtering, you can define and apply multiple folder-and-file-level rules, which in turn can control the scope of analysis results based upon file system object name, attributes, name length, age, and owner.

## File Reports

FolderSizes provides numerous file-based reports, including:

- Largest Files - See which files are consuming the most disk space.
- Oldest Files - Find old, unused files that are taking up valuable disk space.
- Newest Files - See the newest files and who's been creating them.
- Temporary Files - Find temporary files using flexible file name pattern matching.
- Duplicate Files- Identify and manage space-consuming duplicates.
- File Types - See which file types (by extension) are consuming the most space.
- File Type Groups - High-level file types report with fully customizable groups.
- File Attributes - Shows the distribution of files by attributes (e.g. read-only, hidden, etc.).
- File Owners - Find out which specific users are using the most disk space.



- File Sizes - Shows the distribution of files by size.
- File Names - Shows the distribution of files by name length.
- File Dates - Shows the distribution of files by age.
- File Depths - Shows the distribution of files by folder depth.

The screenshot shows the File Reporter application window with the following data table:

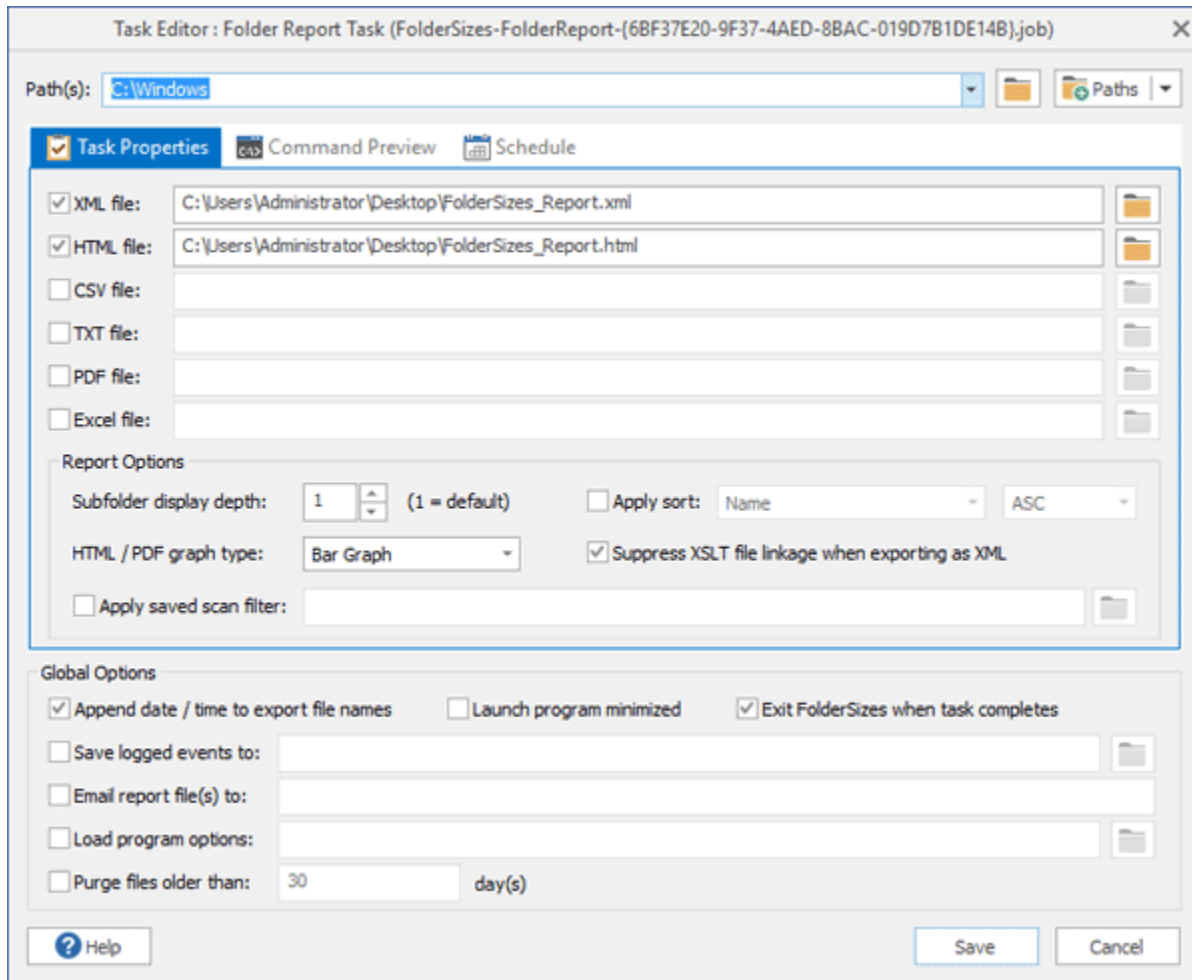
| File Name         | Size    | Allocated | Modified               | Owner                  | Full Path                 |
|-------------------|---------|-----------|------------------------|------------------------|---------------------------|
| MEMORY.DMP        | 1.40 GB | 1.40 GB   | 10/10/2015 9:20:02 AM  | BUILTIN\Administrators | C:\Windows\MEMORY...      |
| 28c4ab.msi        | 409 MB  | 409 MB    | 9/29/2015 9:28:25 PM   | BUILTIN\Administrators | C:\Windows\Installer\2... |
| 14638af.msi       | 408 MB  | 408 MB    | 12/10/2015 10:43:07 AM | BUILTIN\Administrators | C:\Windows\Installer\1... |
| 6447c599.msi      | 245 MB  | 245 MB    | 11/17/2015 12:56:22 AM | BUILTIN\Administrators | C:\Windows\Installer\6... |
| MigLog.xml        | 229 MB  | 58.3 MB   | 12/17/2015 5:57:06 PM  | NT AUTHORITY\SYSTEM    | C:\Windows\Panther\...    |
| setupact.log      | 186 MB  | 45.1 MB   | 12/17/2015 6:02:34 PM  | NT AUTHORITY\SYSTEM    | C:\Windows\Panther\s...   |
| MRT.exe           | 133 MB  | 133 MB    | 12/8/2015 5:49:41 PM   | NT AUTHORITY\SYSTEM    | C:\Windows\System32...    |
| SOFTWARE          | 130 MB  | 130 MB    | 12/19/2015 7:10:24 PM  | BUILTIN\Administrators | C:\Windows\System32...    |
| 4fc096.msi        | 124 MB  | 124 MB    | 9/30/2015 1:44:53 PM   | BUILTIN\Administrators | C:\Windows\Installer\4... |
| 25b3b012.msi      | 110 MB  | 110 MB    | 11/18/2015 11:15:22 AM | BUILTIN\Administrators | C:\Windows\Installer\2... |
| 4fc09e.msi        | 91.6 MB | 91.6 MB   | 9/30/2015 1:45:22 PM   | BUILTIN\Administrators | C:\Windows\Installer\4... |
| NvCplSetupInt.exe | 90.8 MB | 90.8 MB   | 12/17/2015 11:54:22 AM | NT AUTHORITY\SYSTEM    | C:\Windows\System32...    |
| NvCplSetupInt.exe | 90.5 MB | 90.5 MB   | 11/5/2015 12:00:13 PM  | BUILTIN\Administrators | C:\Windows\System32...    |
| 4fc0b4.msi        | 89.0 MB | 89.0 MB   | 9/30/2015 1:46:27 PM   | BUILTIN\Administrators | C:\Windows\Installer\4... |
| 1397969.msi       | 87.3 MB | 87.3 MB   | 8/14/2015 11:20:14 AM  | BUILTIN\Administrators | C:\Windows\Installer\1... |
| 643e4036.msp      | 87.2 MB | 87.2 MB   | 11/20/2015 3:42:55 AM  | BUILTIN\Administrators | C:\Windows\Installer\6... |
| 7820339.msi       | 86.5 MB | 86.5 MB   | 11/12/2015 2:31:55 PM  | BUILTIN\Administrators | C:\Windows\Installer\7... |
| DataStore.edb     | 84.0 MB | 84.0 MB   | 12/23/2015 10:54:26 AM | NT AUTHORITY\SYSTEM    | C:\Windows\Software...    |

All FolderSizes file reports can be exported to multiple file formats (including HTML, XML, Excel, CSV, and PDF), including the ability to export all file reports to a one HTML or Excel based report. FolderSizes provides built-in support for moving, copying, deleting, or archiving files from with the File Reporter window.



## Integrated Scheduling (with Email Delivery)

FolderSizes has a built-in task scheduling facility, allowing you to easily schedule the creation of multiple file system report types (including folder, file, and search reports).



Scheduled reports can be saved (and optionally emailed) in a variety of useful file formats, including HTML, XML, PDF, CSV, and TXT. Multiple exports can be generated from a single file system analysis pass.

Scheduled reports have a variety of options; including detail report sorting, scan filtering, choice of graph type, and more. The FolderSizes task scheduler also makes it easy to create periodic file system snapshots (in XML file format) that can later be used to analyze overall folder and disk growth trends.

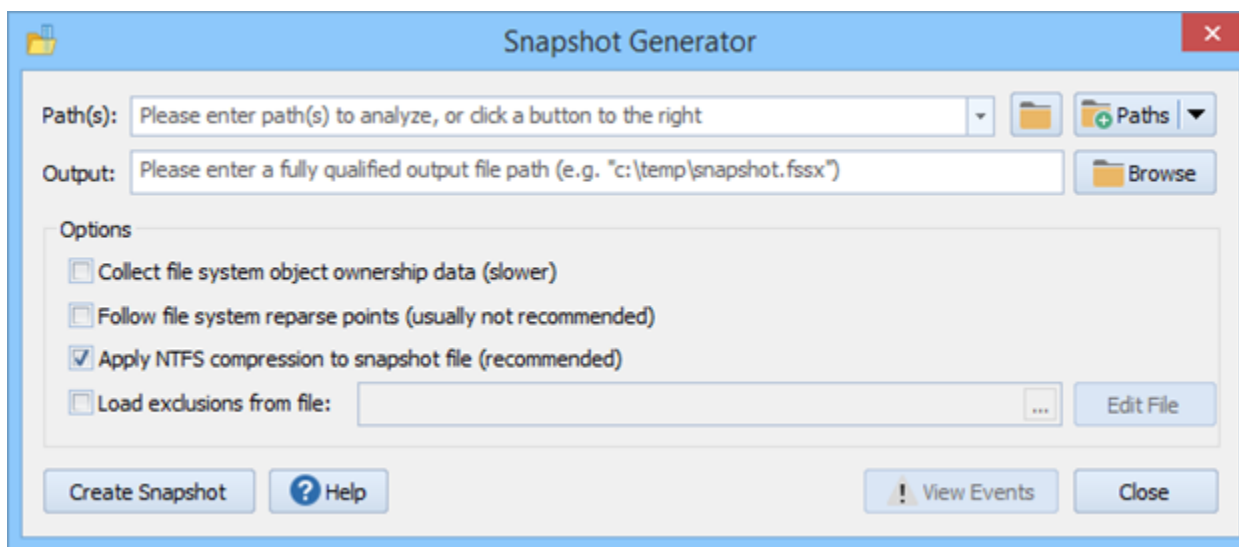


## File System Snapshots

FolderSizes provides the ability to create file system metadata snapshots, from which reports can be generated later. This amazing and unique feature can help to solve a broad range of file system reporting challenges, allowing you to do the following:

- Generate reports in the future very quickly (without re-scanning)
- Generate reports even when the target file system(s) are offline
- Provide reporting and analysis capabilities to users lacking direct access to the target file system(s)
- Create a history of file system state that can be used for historical review or investigation

Once created, each snapshot file contains all the information required to re-construct many FolderSizes report types (including folder, file, search, or folder trend analysis reports) without re-scanning the target file system(s) – in just a fraction of the time. They can even be used in combination with our powerful scan filtering technology (described above) to speed the process of iterative file system analysis.



Snapshot files can be fed directly into our folder reporting, file reporting, search, or trend analysis tools. For example, you might elect to capture the state of a network drive as a Snapshot so that you can repeatedly search it later in just a fraction of the time it would take to search the “live” file system.

In fact, you can even use these tools to analyze a combination of “live” file systems and stored snapshots – making them incredibly versatile.

The built-in FolderSizes scheduler makes it easy to re-construct the Snapshot data on a recurring basis to keep it up-to-date.

A single Snapshot file can also capture the state of multiple, discrete file system points.



## Folder Report Comparisons

Folder reports (created in the main FolderSizes window) can be exported in XML format, and later re-loaded for further analysis. They can also be opened in comparison mode, creating a differential view of folder sizes over time.

| Name                               | Size                          | Allocated                      | Files                          | Folders                       | Modified               | % Parent | Attribs | Type        |
|------------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|------------------------|----------|---------|-------------|
| -temp2                             | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/7/2014 6:01:07 PM    | 0.00%    | D       | File folder |
| ccompression test                  | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 6:23:16 PM   | 0.00%    | DC      | File folder |
| db backup                          | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 6:23:16 PM   | 0.00%    | D       | File folder |
| DUPE-IMAGES                        | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 8:06:25 PM   | 0.00%    | D       | File folder |
| DUPE-IMAGES - Copy                 | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 6:23:16 PM   | 0.00%    | D       | File folder |
| DUPEMOVE                           | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/1/2014 1:52:08 PM   | 0.00%    | D       | File folder |
| dupemp3s                           | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 6:23:17 PM   | 0.00%    | D       | File folder |
| dupes                              | -7.72 MB                      | -8.14 MB                       | -188                           | -64                           | 12/26/2015 2:11:38 PM  | 0.00%    | D       | File folder |
| dupes-noests                       | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/7/2015 10:33:42 PM  | 0.00%    | D       | File folder |
| export                             | 291 MB                        | 291 MB                         | 13                             | 0                             | 12/26/2015 2:13:25 PM  | 0.00%    | D       | File folder |
| export - Copy - Copy               | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/25/2014 9:28:11 AM   | 0.00%    | D       | File folder |
| export - Copy (2)                  | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/24/2014 6:13:20 PM   | 0.00%    | D       | File folder |
| export - Copy (2) - Copy           | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 6:23:15 PM   | 0.00%    | D       | File folder |
| export - Copy (3)                  | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/25/2014 9:28:11 AM   | 0.00%    | D       | File folder |
| export-big - Copy - Copy           | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/25/2014 9:28:11 AM   | 0.00%    | D       | File folder |
| export-big - Copy (2)              | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 6:23:16 PM   | 0.00%    | D       | File folder |
| export-big - Copy_                 | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/24/2014 6:12:39 PM   | 0.00%    | D       | File folder |
| export-big - Copy_ (2)             | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/12/2014 1:20:26 PM   | 0.00%    | D       | File folder |
| EXTTEST - Copy                     | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/12/2014 1:20:26 PM   | 0.00%    | D       | File folder |
| EXTTEST - Copy (2)                 | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 2/12/2014 1:20:26 PM   | 0.00%    | D       | File folder |
| Folder Report (LARGE) TEST         | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 9/7/2015 3:55:24 PM    | 0.00%    | D       | File folder |
| ListContentsTest                   | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 8/3/2015 9:15:32 PM    | 0.00%    | DC      | File folder |
| New folder                         | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 12/2/2015 6:23:15 PM   | 0.00%    | HD      | File folder |
| NEWDUPTTEST2                       | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 7/10/2015 12:26:30 PM  | 0.00%    | D       | File folder |
| OfficeStatus Resource Problem      | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 11/10/2015 12:52:20 PM | 0.00%    | D       | File folder |
| OfficeStatusDBTest                 | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 6/12/2015 10:44:45 AM  | 0.00%    | D       | File folder |
| oldfiles                           | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 6/25/2015 10:23:01 AM  | 0.00%    | D       | File folder |
| Randy                              | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 6/12/2015 10:44:45 AM  | 0.00%    | D       | File folder |
| really, really deep nested stuf... | 0 bytes                       | 0 bytes                        | 0                              | 0                             | 3/10/2014 4:29:22 PM   | 0.00%    | D       | File folder |
| temp                               | -938 Folders (-2,013 Files)   | Created: 4/11/2013 9:08:02 ... | Accessed: 12/26/2015 2:12:1... | Attributes: D                 |                        |          |         |             |
| File folder                        | -6.88 GB (-3.16 GB allocated) | Modified: 12/26/2015 2:12:1... | Percentage: 0.00%              | Owner: BUILTIN\Administrat... |                        |          |         |             |

In the sample screen above, an analysis of the local D: drive is being compared against a previous snapshot. The metrics displayed in red show growth, while those shown in green indicate contraction in size (black entries indicate no change). This helps to provide a strong visual indicator of folder growth or contraction.



## Folder Trend Analysis

FolderSizes provides the ability to create trend analysis reports based upon existing XML folder report files. This feature allows you to understand how file systems are changing over time.

FolderSizes trend analysis reports contain a wealth of information:

- Snapshot history (detail report)
- Folder history by size (chart)
- Folder history by file count (chart)
- Top subfolder growth (detail report)
- Disk history by used space (chart)

| Snapshot Date         | Size    | Files | Folders | % Change | Abs. Change | Owner                  |
|-----------------------|---------|-------|---------|----------|-------------|------------------------|
| 11/3/2014 1:37:52 PM  | 4.18 GB | 405   | 148     | 0.00%    | 0 bytes     | BUILTIN\Administrators |
| 11/3/2014 1:37:57 PM  | 4.18 GB | 406   | 148     | 0.00%    | 71.6 KB     | BUILTIN\Administrators |
| 6/27/2015 12:36:14 PM | 35.3 MB | 460   | 165     | -99.17%  | -4.14 GB    | BUILTIN\Administrators |

| Name               | Start Size | End Size | Start Files | End Files | % Change | Abs. Change |
|--------------------|------------|----------|-------------|-----------|----------|-------------|
| db backup          | 47.4 KB    | 8.07 MB  | 3           | 6         | > 9999%  | 8.02 MB     |
| compression test   | 0 bytes    | 3.75 MB  | 0           | 25        | > 9999%  | 3.75 MB     |
| DUPEMOVE           | 0 bytes    | 1.31 MB  | 0           | 5         | > 9999%  | 1.31 MB     |
| oldfiles           | 0 bytes    | 609 KB   | 0           | 8         | > 9999%  | 609 KB      |
| temptest           | 0 bytes    | 237 KB   | 0           | 10        | > 9999%  | 237 KB      |
| SnapTEST           | 0 bytes    | 143 KB   | 1           | 3         | > 9999%  | 143 KB      |
| NEWDUPTEST         | 0 bytes    | 94.8 KB  | 0           | 4         | > 9999%  | 94.8 KB     |
| dupemp3s           | 0 bytes    | 75.0 KB  | 0           | 10        | > 9999%  | 75.0 KB     |
| export-big - Copy_ | 0 bytes    | 21.1 KB  | 0           | 1         | > 9999%  | 21.1 KB     |
| TEMP               | 0 bytes    | 6.20 KB  | 0           | 2         | > 9999%  | 6.20 KB     |
| export - Copy (3)  | 21.1 KB    | 21.1 KB  | 1           | 1         | 0.00%    | 0 bytes     |
| OfficeStatusDBTest | 0 bytes    | 0 bytes  | 0           | 0         | 0.00%    | 0 bytes     |
| export - Copy      | 21.1 KB    | 21.1 KB  | 1           | 1         | 0.00%    | 0 bytes     |
| export - Copy (2)  | 21.1 KB    | 21.1 KB  | 1           | 1         | 0.00%    | 0 bytes     |

Subfolder Change | Folder History by Size | Folder History by File Count | Disk History by Used Space

Click New to create a new trend analysis. Press F1 for help.

The Trend Analyzer also provides a user-configurable time line and time scale, along with the ability to export the contents of its various views.





## Built-in Search

FolderSizes offers a built-in search facility that works like a powerful custom file system object report generator.

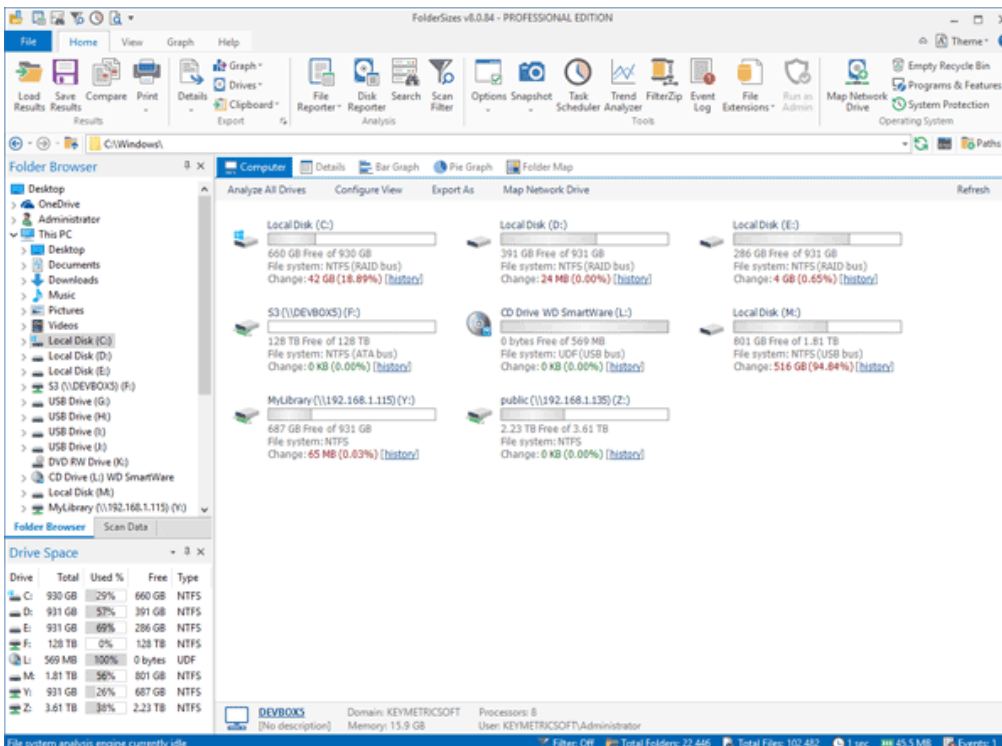
The search system allows you to find both files and folders across multiple file systems at once using a series of highly customizable rules. Search targets (local and remote) are analyzed across multiple threads of execution to maximize performance.

Search for (and report on) file system objects by name, path, NTFS attributes, size, age, owner, and more.

The resulting report can be printed, exported in multiple formats, or even scheduled for deferred execution.

## Computer View

The FolderSizes “My Computer” view offers a consolidated, at-a-glance view of all fixed, remote, and other attached drive types. And with a single click, you can perform a deep analysis of all the drives shown.





## On Demand Insights

Need additional information about a file system object in a FolderSizes detail or graph view? Hover over it with your mouse to view an array of useful details.

| Name          | Size    | Allocated | Files  | Folders | Min  |
|---------------|---------|-----------|--------|---------|------|
| windows       | 6.50 GB | 6.58 GB   | 44,483 | 11,138  | 9/1  |
| Installer     | 5.86 GB | 5.86 GB   | 2,814  | 191     | 9/2  |
| System32      |         |           |        | 1,205   | 9/1  |
| assembly      |         |           |        | 3,949   | 9/1  |
| SysWOW64      |         |           |        | 330     | 9/2  |
| Microsoft.NET |         |           |        | 2,223   | 8/1  |
| MEMORY.DMP    |         |           |        | 0       | 7/1  |
| symbols       |         |           |        | 1       | 6/2  |
| Fonts         |         |           |        | 0       | 6/2  |
| Intuit        |         |           |        | 1       | 6/2  |
| Speech        |         |           |        | 9       | 11/1 |
| IME           |         |           |        | 13      | 7/1  |
| inf           |         |           |        | 264     | 9/1  |
| ehome         |         |           |        | 20      | 11/1 |
| Install       |         |           |        |         | Acco |
| File fol      |         |           |        |         | Per  |

**Installer**  
Size: 5.86 GB  
Allocated Size: 5.86 GB  
Average Size: 2.13 MB  
Folders: 191  
Files: 2,814  
Depth: 3  
Modified (actual): 9/2/2011 3:01:06 AM  
Modified (calculated): 9/2/2011 3:01:05 AM  
Created (actual): 6/16/2011 7:41:15 PM  
Created (calculated): 9/1/2011 3:01:01 AM  
Accessed (actual): 9/2/2011 3:01:06 AM  
Accessed (calculated): 9/2/2011 3:01:05 AM  
Owner: BUILTIN\Administrators  
Type: File folder  
Attributes: Hidden, System, Directory  
Full Path: C:\Windows\Installer

## Network Share Discovery

FolderSizes supports the discovery of network shares on remote servers, network attached storage devices, and entire domains (or workgroups).

Network shares can be discovered either through the "Discover Shares" window, or by entering UNC server paths (e.g. "\\server") directly into the main window (or File Report Generator) path input box. FolderSizes can even accept a combination of fully qualified paths and server names requiring share discovery (for maximum flexibility).

Discover Shares

Discover shares on the following computer(s):  
FileServer001  
Enter one or more host names or IP addresses, separated by commas.

Discover shares within the following domain(s):  
KEYMETRICSOFT  
Enter one or more NETBIOS domain (or workgroup) names, separated by commas.

OK Cancel



## Much More!

FolderSizes offers many, many other features, including:

- Unicode file and folder name support
- Disk Report allows for high-level disk reporting across multiple systems
- Snapshots support full file system information capture (and subsequent re-use)
- Calculated date/time fields for folders (based upon content analysis)
- File extension database and research tools
- Support for folder map node highlighting across multiple operational modes
- Robust printing (and print preview) support
- Support for viewing *allocated* file system object sizes (e.g. “size on disk”)
- Dozens of program options that allow precise control over printing, exporting, and much more
- FilterZip, a regular-expression based file compression tool
- Excellent built-in support for handling of reparse points (symbolic links, folder junctions, etc.)
- Support for using UNC network paths in any analysis report
- Integrates with the Windows shell context menu
- Powerful, flexible command-line interface for system integration
- Relative file system object age indications
- Direct access to the in-memory file system analysis database (via the Scan Data panel)
- Support for file system paths longer than 255 characters
- Full support for factoring in NTFS compression when reporting file system object sizes
- Access to the best technical support in the business
- Much, much more!

To really appreciate what FolderSizes can do, download it today (<http://www.foldersizes.com>) and experience it for yourself.