MagniComp™

SysInfo™ 6.0

Total System and Storage Asset Information™

Key Highlights

Broad Data Reporting
- System Manufacturer, Model, Serial
- Hardware Information
- Storage Systems and Volumes
- Disk Partitions and Filesystems
- System Software Information
- Network Configuration
- Printer Queues

Depth of Data
- SCSI query data
- ATA query data
- DMI BIOS data
- Open Boot Prom (OBP) data
- IA32/X86 CPU details
- DDC Monitor details
- PCI device database (14K entries)
- Native Software Packages

Interfaces
- Full Command Line Interface (CLI)
- Graphical User Interface (GUI)
- C API
- Perl API
- Easy shell script API

Network Agent Access
- SysInfo Service Agent
- Works over TCP/IP
- SysInfo Service Protocol (SSP)

Output Formats
- ASCII Text "human" parsable
- ASCII Text "program" parsable
- HTML

Supported Platforms
- Apple MacOS X
- FreeBSD
- HP HP-UX
- IBM AIX
- Linux
- Microsoft Windows New!
- SGI IRIX
- Sun Solaris

Storage System Platforms
- EMC Symmetrix and CLARiiON
- Network Appliance

Storage Volume Support
- Veritas Volume Mananger
- HP-UX LVM, IBM AIX LVM, Linux MD, Solaris LVM

Distributions
- Ready-to-run Binary
- Source code
- Scriptable installations
- OEM-friendly packaging

Overview

MagniComp(TM)'s SysInfo(TM) provides extremely detailed, platform independent hardware, software, storage, and OS asset and configuration information for most major UNIX, Linux, Windows, and Apple Macintosh platforms. SysInfo enables System Administrators to quickly see a high level view of a system's configuration or dive deeply into very low level configuration data. You can see something as "simple" as a system's model name or highly detailed information on disk drives (**Figure 1**) such as a drive's serial number and RPM speed.

SysInfo supports both a sophisticated Command Line Interface (CLI) for consumption by both humans and programs, as well as a Graphical User Interface (GUI) (**Figure 2**) to organize and browse the volumes of available data.

Figure 1 - Detailed Disk Information

One Tool For Multiple Platforms

SysInfo provides a single, unified interface to system and storage information in platform neutral formats across multiple UNIX, Linux, Mac, and Windows platforms. It allows IT professionals and in-house developed programs to concentrate on business logic and not the thousands of obscure nuances in operating system commands and interfaces.

Want to know the system model of all your Sun, Windows, and Linux systems? Just run `sysinfo --show model` on each system. To see how much main memory (RAM) a system has, just run `sysinfo --show memory`.

Automation Made Simple

Do you write shell scripts and programs on multiple platforms? You can replace thousands of lines of OS dependent code with a single call to SysInfo which works on all your platforms. You can upgrade your OS or even switch to a complete new OS vendor without having to waste time learning and testing OS specific portions of your programs. You are freed to concentrate instead on your business logic.

Porting your automation to a completely new platform is dramatically easier because SysInfo knows your new platform, not your automation.

SysInfo provides easy command line output as well as a Perl and C API to make larger projects a snap.

Broad Data Reporting

Not only does SysInfo provide very deep levels of information but it also provides a very broad level of reporting, including:
- Application/System/CPU architectures
- Hardware (device) information
- System Manufacturer, Model, Serial #
- System Software package information
- Storage System details (NAS, SAN)
- Storage Volume (LVM) details
- Filesystem and Disk Partition details
- Kernel parameters
- Network Interface Configuration
- Network Configuration
- Main memory (RAM)
- OS name/distribution/version
- Printer Queues

SysInfo™

Storage Systems

Want to know all the NAS and SAN storage systems your server sees? SysInfo will report details of each discovered NAS or SAN system from the system make, model, and serial number down to the disk drive and controller cards. Data is gathered from multiple system types, including EMC Symmetrix and CLARiiON, and Network Appliance Filers, and reported in our standard platform neutral formats.

Storage Volumes

SysInfo can provide detailed data on locally configured storage volumes managed by Veritas Volume Manager as well as most OS bundled LVMs.

Remote Agent Support

You can remotely view SysInfo data anywhere on your network. The SysInfo Service Agent provides secured access to SysInfo data anywhere via TCP/IP.

Applications

So what can you do with SysInfo? Here are some of the top applications by our customers:

OEM Embeddable.
SysInfo is easy to embed in your commercial applications. Contact us to discuss OEM licensing.

System configuration at a glance. You can quickly see your hardware, storage, and software configuration. This can be very useful when a System Administrator is trouble-shooting a system problem.

Hardware problem diagnostics aid. You can quickly see what hardware is present and how it's configured.

Asset information collection. You can quickly and automatically extract detailed hardware, storage, and software asset information. That information can then be placed in a central file or web repository or fed into a database using command line output or the C or Perl API.

Disaster Recovery preparation. You can acquire all the vital system configuration information you need to recover from a disaster or perform a "bare metal" system build. You can extract detailed hardware, software, and system configuration data and store it in your own central file repository or feed it into a database using command line output, the Perl API, or the C API.

Cross-platform scripting. SysInfo is a great foundation tool for building your multi-platform scripts and programs on. SysInfo eliminates the need for your scripts and programs to know all the OS specific details of how to obtain the information you need. This can lead to much faster development time and reduce support costs through standardization of your tool set.

Distribution Formats

SysInfo is available in both source code form as well as ready-to-run binary form. Our binary distributions will guide you through a quick and painless installation. Our advanced installation for binary distributions allows you to easily automate the installation of SysInfo across your enterprise.

Free Demo

Try it for free! Just download, install, and run. No registration is required. Available for download from:

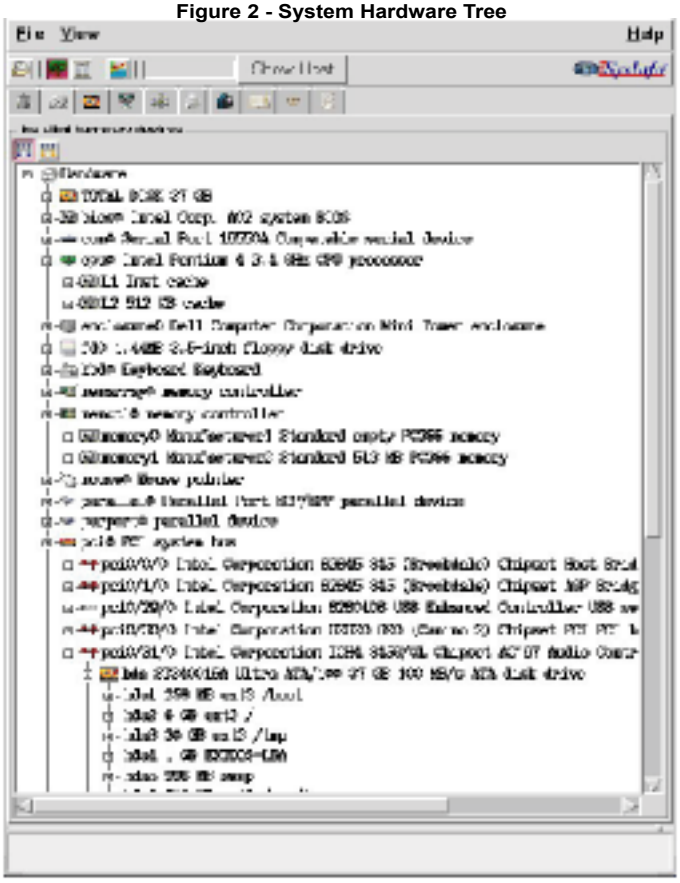
- www.MagniComp.com

More Information

For more information, please visit:

- www.MagniComp.com/sysinfo

Figure 2 - System Hardware Tree



Supported Platforms	Operating System	Hardware
	FreeBSD 5.x	x86
	HP-UX 10.20 - 11.xx	PA-RISC (HP9000)
	HP-UX 11i v2	IA64 (Itanium)
	IBM AIX 4.3 - 5.3	pSeries (RS6000)
	Linux	x86, x64, IA64
	MacOS X 10.3 and later	PowerMac
	Microsoft Windows 2000, XP, 2003	x86, x64
	SGI IRIX 6.5	MIPS
	Solaris 2.6 - 9	SPARC
	Solaris 7 - 9	x86
	Solaris 10	x64
Disk Space	3 - 150 MB	
Memory	1 - 100 MB	

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