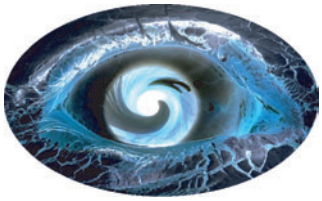
MagniComp™

SysInfo™ 5.0

Your Total UNIX/Linux/Mac System Information Tool.™



Key Highlights

Breadth of Data
- System Manufacturer and Model
- System Serial #
- Hardware Information
- System Software Information
- Network Configuration
- Kernel Configuration
- Disk Partitions
- 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 (11K entries)
- Native Software Packages

Interfaces
- Full Command Line Interface (CLI)
- Graphical User Interface (GUI)
- C API
- Perl API
- Easy Script Compatible Formats

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

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

Detail Control
- Summary View
- Detail View

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

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

Overview

MagniComp(TM)'s SysInfo(TM) provides extremely detailed, platform independent hardware, software, and OS configuration data for most major UNIX, Linux, 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 you can plunge down to detailed information on disk drives (**Figure 1**) to view 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

DESCRIPTION	VALUE
AKA Name	sgb
ANSI Version	ANSI X3.301-1997 (SCSI-3)
Capacity	34.2 GB
HW Capacity	34.2 GB
HW Cylinder Skew	20
HW Interleave	1
HW Physical Cylinders	15110
HW RPM	10000
HW Sector Size (bytes)	512
HW Sectors	399
HW Track Skew	11
HW Tracks	12
Manufacturer	IBM
Model	DDYS-T36950N
Name	sdb
Revision	S80D
SCSI Version/Protocol	SCSI-2
Serial #	4FY1B364
Supports	Command Queuing
Supports	Linked Commands
Supports	Syncronous Data Transfers
Supports	Wide SCSI: 16-bit Addressing
Supports	Wide SCSI: 16-bit Data Transfers
Type	disk drive
Unit	1
Mount Name	/export
Number Of Sectors	71681967
Partition Name	sdbs1
Size (MB)	35000.96
Slice	s1
Starting Sector	63
Type	ext3

One Tool For Multiple Platforms

SysInfo provides a single, unified interface to system information in platform neutral formats across multiple UNIX, Linux, and Mac platforms. It translates common types of system data in OS specific formats into platform-neutral data.

Want to know the system model of all your Sun's, HP's, 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 UNIX/Linux/Mac platforms? You can replace line after line of OS dependent code with a single call to SysInfo. This can save a tremendous amount of time maintaining and supporting automation because SysInfo takes care of all the OS dependencies. You can stop worrying about your automation breaking due to OS dependencies when you upgrade your OS and 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.

Wide Breadth of Information

Not only does SysInfo provide very deep levels of information but it also provides a very wide breadth of knowledge. Here is a brief list of the information it can provide:
- Application/System/CPU architectures
- Hardware (device) information
- Kernel parameters
- Network Interface Configuration
- Network Configuration
- Main memory (RAM)
- OS name/distribution/version
- Printer Queues
- System Serial Number
- System manufacturer and model
- System Software package information
- Storage (disk) partition

SysInfo™

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:

System configuration at a glance. You can quickly see what the hardware and software configuration is. 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 and software asset information from all of your UNIX/Linux/Mac based systems. 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:

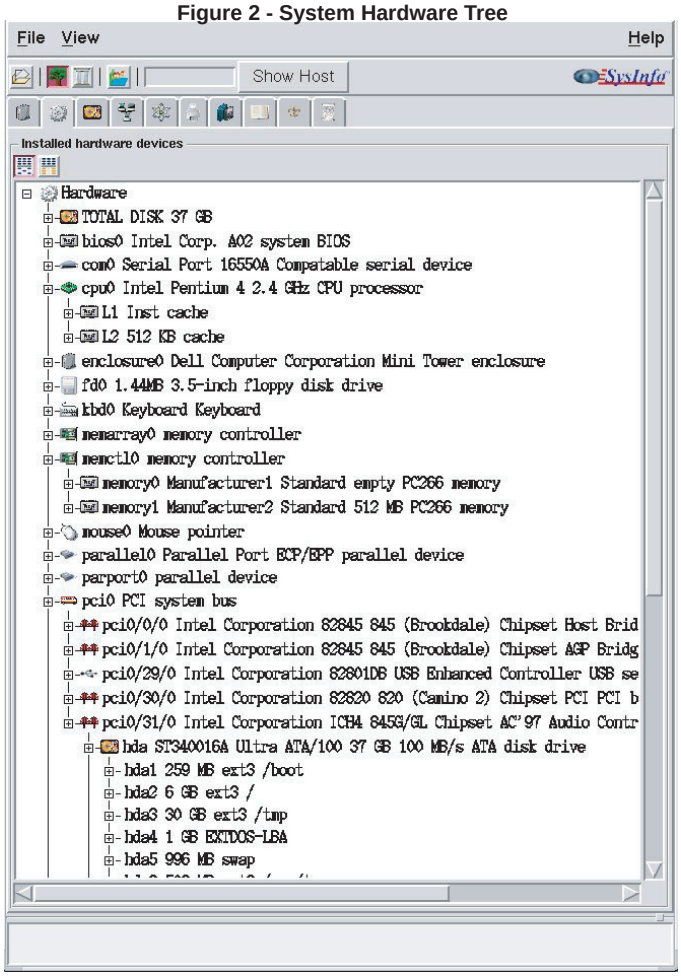
www.MagniComp.com

More Information

For more information, please visit:

www.MagniComp.com/sysinfo

Figure 2 - System Hardware Tree



	Operating System	Hardware
Supported Platforms	FreeBSD 4.0 - 4.x	x86
	HP-UX 10.20 - 11.xx	PA-RISC (HP9000)
	IBM AIX 4.2 - 5.1	pSeries (RS6000)
	MacOS X 10.1 and later	PowerMac
	Red Hat Linux 6.0 and later	Hardware
	SGI IRIX 6.5	Hardware
	Solaris 2.6 - 9	SPARC
	Solaris 7 - 9	x86
Disk Space	3 - 150 MB	
Memory	1 - 100 MB	

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