



SIGAR

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Date: Feb 2, 2017 11:19 AM
URL: <https://support.hyperic.com/display/DOCSHQ30/SIGAR>



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The Sigar API provides a portable interface for gathering system information such as:

- System memory, swap, cpu, load average, uptime
- Per-process memory, cpu, credential info, state, arguments, environment, open files
- File system detection and metrics
- Network interface configuration info and metrics

The core API is implemented in pure C with bindings currently implemented for Java, Perl and C#.

Sigar is freely available in binary form for non-commercial use at Freshmeat.net

The following platforms are currently supported:

- **Linux x86** (2.2, 2.4, 2.6 kernels)
- **Linux amd64** (2.6 kernel)
- **Win32 x86** (NT 4.0 sp6, 2000 Pro/Server, 2003 Server, XP)
- **Solaris sparc** (2.6, 7, 8, 9, 10)
- **Solaris x86** (8, 9, 10)
- **HP/UX PA-RISC** (11)
- **AIX PowerPC** (4.3, 5.1, 5.2, 5.3)
- **FreeBSD x86** (4.x, 5.x, 6.x)
- **Mac OS X PowerPC** (10.4)

To test drive run the following command:

```
% java -jar sigar-bin/lib/sigar.jar
sigar> help
```

The shell and commands are implemented in Java, the source code is located in examples/java.

Javadocs are located in docs/javadoc.

Perl and C# interfaces are still a work in progress.

To try the Perl examples:

```
% cd bindings/perl
% perl Makefile.PL && make
% perl -Mbllib ../../examples/perl/ifconfig.pl
```

Support questions should be posted to the Hyperic Support Forum or mailed to support@hyperic.net