

system_profiler

Report system hardware and software configuration.

Syntax

```
system_profiler [-usage]

system_profiler [-listDataTypes]

system_profiler [-xml] dataType1 ... dataTypeN

system_profiler [-xml] [-detailLevel level]
```

Key:	
-xml	Generate a report in XML format. If the XML report is redirected to a file with a ".spx" suffix that file can be opened with System Profiler.app.
-listDataTypes	List the available datatypes.
-detailLevel level	The level of detail for the report:

minimum
basic
full

-usage Print usage information.

system_profiler is a replacement for /usr/bin/sysprof.

Examples

Generate a text report with the standard level of detail:

```
$ system_profiler
```

Generate a report of all 32 bit software:

```
$ system_profiler SPAppleHardware
```

Generate a short report containing no detail:

```
$ system_profiler -detailLevel minimum
```

Show a list of the available data types:

```
$ system_profiler -listDataTypes
```

Generate a text report containing only software information:

```
$ system_profiler SPSoftware
```

Create an XML file which can be opened by System Profiler.app:

```
$ system_profiler -xml > MyReport.spx
```


“Why a four-year-old child could understand this report...
Run out and find me a four-year-old child. I can’t make head nor tail out of it” ~ Groucho Marx

Related macOS commands


- serverinfo - Server information.
- uname - Print the Darwin OS Kernel version / release / machine name.
- w_vers - Print macOS Operating System version.
- who - Print who is currently logged in.

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