

**NAME**

rdmsr – tool for reading CPU machine specific registers (MSR)

**SYNOPSIS**

**rdmsr** [**options**] **regno**

**DESCRIPTION**

**rdmsr** is a tool used for reading a CPU's machine specific registers (MSR).

Note: if you're running a Debian kernel, be sure that the msr.ko kernel module is loaded. 'modprobe msr' should do the trick. Otherwise, you'll get an error about **rdmsr** not being able to open files in /dev/cpu/...

**OPTIONS**

**--help, -h**

Print a list of available options

**--version, -V**

Print current version

**--hexadecimal, -x**

Display output in hexadecimal (lower case)

**--capital-hex, -X**

Display output in hexadecimal (upper case)

**--decimal, -d**

Display output in signed decimal

**--unsigned, -u**

Display output in unsigned decimal

**--octal, -o**

Display output in octal

**--c-language, -c**

Format output as a C language constant

**--zero-pad, -0**

Output leading zeroes

**--zero-pad, -0**

Output leading zeroes

**--raw, -r**

Output raw binary

**--all, -a** All processors

**--processor <#>, -p**

Select processor number (default: 0)

**--bitfield h:l, -f**

Output bits [h:l] only

**SEE ALSO**

**wrmsr(1)**

**AUTHOR**

**rdmsr** was written by Transmeta Corporation

This man page was contributed by Andres Salomon <dilinger@debian.org> for the Debian GNU/Linux system (but may be used by others).