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# Name

jruby — jruby interpreter

## Synopsis

jruby [switches] [--] [programfile] [arguments]

## Description

JRuby™ is a pure Java implementation of the Ruby programming language.

## Switches

-0 <i>octal</i>	Specify the record separator (\0 if no argument is given)
-a	autosplit mode with -n or -p (splits \$_ into \$F)
-b	benchmark mode, times the script execution
-c	check syntax only
-C <i>directory</i>	cd to <i>directory</i> before executing your script
-d	set debugging flags (sets \$DEBUG to true)
-e <i>command</i>	one line of script. Several -e's are allowed. Omit <i>programfile</i> in this case. To be sure that your shell does not mangle the <i>command</i> , put it within double quotes.
-f <i>pattern</i>	split( ) pattern for autosplit (-a)
-h	Show the command help
-i <i>extension</i>	edit ARGV files in place (make backup if extension supplied)
-I <i>directory</i>	specify \$LOAD_PATH directory (may be used more than once)
-J <i>java option</i>	pass an option to the JVM (e.g. -J-Xmx512m). Use --properties to list JRuby properties. Run <b>java -help</b> for a list of other Java options.
-K <i>kcode</i>	specifies code-set (i.e. -Ku for Unicode, -Ke for EUC and -Ks for SJIS)
-l	enable line ending processing
-n	assume “while gets(); ... end” loop around your script
-p	assume loop like -n but print line also like <b>sed</b>
-r <i>library</i>	require the library, before executing your script
-s	enable some switch parsing for switches after script name
-S	look for the script in bin or using PATH environment variable

-Tlevel	turn on tainting checks
-v	print version number, then turn on verbose mode
-w	turn on warnings for your script
-Wlevel	set warning level: 0=silence, 1=medium, 2=verbose(default)
-Xoption	enable extended option (omit option to list them)
-y	enable parsing debug output
--copyright	print the copyright notice and exit
--debug	sets the execution mode most suitable for debugger functionality
--help	shows the online help, listing all the command line options
--jdb	runs the <b>jruby</b> process under JDB
--properties	List all configuration Java properties (pass <code>-J-Dproperty=value</code> to set them)
--sample	run with profiling using the JVM's sampling profiler
--client	use the non-optimizing "client" JVM (improves startup time; default)
--server	use the optimizing "server" JVM (improves performance, but takes longer to start)
--manage	enable JMX management and monitoring of the VM and JRuby via local process connections from tools like <b>jconsole</b> . Process name is <code>org.jruby.Main</code> . To enable remote connections via JMX remoting, you need to pass additional parameters via <code>-J</code> .
--headless	do not launch a GUI window, no matter what. Corresponds to the JVM option <code>-Djava.awt.headless</code>
--1.8	specify Ruby 1.8.x compatibility (default)
--1.9	specify Ruby 1.9.x compatibility (not yet fully done)
--bytecode	show the JVM bytecode produced by compiling specified code
--version	print the version

## See also

<http://jruby.org>

## Author

The JRuby team

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