

Node.js - Command Line Flags

This cheat sheet covers the most popular/used node.js command line flags.

RUNNING YOUR CODE

-v, --version

Prints the current version of node.js you use

-e, --eval

Evaluates the current argument as JavaScript

-c, --check

Checks the syntax of a script without executing it

-i, --interactive

Opens the node.js REPL (Read-Eval-Print-Loop)

-r, --require

Pre-loads a specific module at start-up

--no-deprecation

Silences the deprecation warnings

--no-warnings

Silences all warnings (including deprecations)

NODE_OPTIONS=

Environment variable that you can use to set command line options

CODE HYGIENE

--pending-deprecation

Emits pending deprecation warnings

--trace-deprecation

Prints the stack trace for deprecations

--throw-deprecation

Throws error on deprecation

--trace-warnings

Prints the stack trace for warnings

INITIAL PROBLEM INVESTIGATION

--report-on-signal

Generates node report on signal

--report-on-fatalerror

Generates node report on fatal error

--report-uncaught-exception

Generates diagnostic report on uncaught exceptions

CONTROLLING/INVESTIGATING MEMORY USE

--max-old-space-size

Sets the size of the heap

--trace_gc

Turns on gc logging

--heap-prof

Enables heap profiling

--heapsnapshot-signal=signal

Generates heap snapshot on specified signal

CPU PERFORMANCE INVESTIGATION

--prof

Generates V8 profiler output.

--prof-process

Process V8 profiler output generated using --prof

--cpu-prof

Starts the V8 CPU profiler on start up, and write the CPU profile to disk before exit

DEBUGGING

--inspect-brk=[host:]port]

Activates inspector on host:port and break at start of user script

--inspect=[host:]port]

Activates inspector on host:port (default: 127.0.0.1:9229)