



Rocky Enterprise Linux 9.2 Manual Pages on command 'nodejs.1'

C:\>man nodejs.1

NODE(1) BSD General Commands Manual NODE(1)

NAME

node ? server-side JavaScript runtime

SYNOPSIS

node [options] [v8-options] [-e string | script.js | -] [--] [arguments ...]

node inspect [-e string | script.js | - | <host>:<port>] ...

node [--v8-options]

DESCRIPTION

Node.js is a set of libraries for JavaScript which allows it to be used outside of the browser. It is primarily focused on creating simple, easy-to-build network clients and servers.

Execute node without arguments to start a REPL.

OPTIONS

- Alias for stdin, analogous to the use of - in other command-line utilities.
The executed script is read from stdin, and remaining arguments are passed to the script.
- Indicate the end of command-line options. Pass the rest of the arguments to the script.
If no script filename or eval/print script is supplied prior to this, then the next argument will be used as a script filename.

--abort-on-uncaught-exception

Aborting instead of exiting causes a core file to be generated for analysis.

`--completion-bash`

Print source-able bash completion script for Node.js.

`--enable-fips`

Enable FIPS-compliant crypto at startup. Requires Node.js to be built with `./configure --openssl-fips`.

`--experimental-modules`

Enable experimental ES module support and caching modules.

`--experimental-repl-await`

Enable experimental top-level `await` keyword support in REPL.

`--experimental-vm-modules`

Enable experimental ES module support in VM module.

`--experimental-worker`

Enable experimental worker threads using `worker_threads` module.

`--force-fips`

Force FIPS-compliant crypto on startup (Cannot be disabled from script code). Same requirements as `--enable-fips`.

`--http-parser=library`

Chooses an HTTP parser library. Available values are `llhttp` or `legacy`.

`--icu-data-dir=file`

Specify ICU data load path. Overrides `NODE_ICU_DATA`.

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

Activate inspector on `host:port` and break at start of user script.

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

Set the `host:port` to be used when the inspector is activated.

`--inspect=[host:]port`

Activate inspector on `host:port`. Default is `127.0.0.1:9229`.

V8 Inspector integration allows attaching Chrome DevTools and IDEs to Node.js instances for debugging and profiling. It uses the Chrome DevTools Protocol.

`--loader=file`

Specify the file as a custom loader, to load `--experimental-modules`.

`--insecure-http-parser`

Use an insecure HTTP parser that accepts invalid HTTP headers. This may allow interoperability with non-conformant HTTP implementations. It may also allow

request smuggling and other HTTP attacks that rely on invalid headers being accepted. Avoid using this option.

`--max-http-header-size=size`

Specify the maximum size of HTTP headers in bytes. Defaults to 8KB.

`--napi-modules`

This option is a no-op. It is kept for compatibility.

`--no-deprecation`

Silence deprecation warnings.

`--no-force-async-hooks-checks`

Disable runtime checks for ``async_hooks``. These will still be enabled dynamically when ``async_hooks`` is enabled.

`--no-warnings`

Silence all process warnings (including deprecations).

`--openssl-config=file`

Load an OpenSSL configuration file on startup. Among other uses, this can be used to enable FIPS-compliant crypto if Node.js is built with `./configure`

`--openssl-fips`.

`--pending-deprecation`

Emit pending deprecation warnings.

`--preserve-symlinks`

Instructs the module loader to preserve symbolic links when resolving and caching modules other than the main module.

`--preserve-symlinks-main`

Instructs the module loader to preserve symbolic links when resolving and caching the main module.

`--prof` Generate V8 profiler output.

`--prof-process`

Process V8 profiler output generated using the V8 option `--prof`.

`--redirect-warnings=file`

Write process warnings to the given file instead of printing to `stderr`.

`--throw-deprecation`

Throw errors for deprecations.

`--title=title`

Specify process.title on startup.

`--tls-cipher-list=list`

Specify an alternative default TLS cipher list. Requires Node.js to be built with crypto support. (Default)

`--trace-deprecation`

Print stack traces for deprecations.

`--trace-event-categories categories`

A comma-separated list of categories that should be traced when trace event tracing is enabled using `--trace-events-enabled`.

`--trace-event-file-pattern pattern`

Template string specifying the filepath for the trace event data, it supports `${rotation}` and `${pid}`.

`--trace-events-enabled`

Enable the collection of trace event tracing information.

`--trace-sync-io`

Print a stack trace whenever synchronous I/O is detected after the first turn of the event loop.

`--trace-warnings`

Print stack traces for process warnings (including deprecations).

`--track-heap-objects`

Track heap object allocations for heap snapshots.

`---unhandled-rejections=mode`

Define the behavior for unhandled rejections. Can be one of ``strict`` (raise an error), ``warn`` (enforce warnings) or ``none`` (silence warnings).

`--use-bundled-ca, --use-openssl-ca`

Use bundled Mozilla CA store as supplied by current Node.js version or use OpenSSL's default CA store. The default store is selectable at build-time. The bundled CA store, as supplied by Node.js, is a snapshot of Mozilla CA store that is fixed at release time. It is identical on all supported platforms.

Using OpenSSL store allows for external modifications of the store. For most Linux and BSD distributions, this store is maintained by the distribution maintainers and system administrators. OpenSSL CA store location is dependent on the platform.

dent on configuration of the OpenSSL library but this can be altered at run-time using environment variables.

See `SSL_CERT_DIR` and `SSL_CERT_FILE`.

`--v8-options`

Print V8 command-line options.

`--v8-pool-size=num`

Set V8's thread pool size which will be used to allocate background jobs. If set to 0 then V8 will choose an appropriate size of the thread pool based on the number of online processors. If the value provided is larger than V8's maximum, then the largest value will be chosen.

`--zero-fill-buffers`

Automatically zero-fills all newly allocated Buffer and SlowBuffer instances.

`-c, --check`

Check the script's syntax without executing it. Exits with an error code if script is invalid.

`-e, --eval string`

Evaluate string as JavaScript.

`-h, --help`

Print command-line options. The output of this option is less detailed than this document.

`-i, --interactive`

Open the REPL even if stdin does not appear to be a terminal.

`-p, --print string`

Identical to `-e`, but prints the result.

`-r, --require module`

Preload the specified module at startup. Follows `require()`'s module resolution rules. `module` may be either a path to a file, or a Node.js module name.

`-v, --version`

Print node's version.

ENVIRONMENT

`NODE_DEBUG` modules...

Comma-separated list of core modules that should print debug information.

NODE_DEBUG_NATIVE modules...

Comma-separated list of C++ core modules that should print debug information.

NODE_DISABLE_COLORS

When set to 1, colors will not be used in the REPL.

NODE_EXTRA_CA_CERTS file

When set, the well-known `?root?` CAs (like VeriSign) will be extended with the extra certificates in file. The file should consist of one or more trusted certificates in PEM format.

If file is missing or misformatted, a message will be emitted once using `process.emitWarning()`, but any errors are otherwise ignored.

This environment variable is ignored when ``node`` runs as `setuid root` or has Linux file capabilities set.

NODE_ICU_DATA file

Data path for ICU (Intl object) data. Will extend linked-in data when compiled with small-icu support.

NODE_NO_WARNINGS

When set to 1, process warnings are silenced.

NODE_OPTIONS options...

A space-separated list of command-line options, which are interpreted as if they had been specified on the command-line before the actual command (so they can be overridden). Node.js will exit with an error if an option that is not allowed in the environment is used, such as `--print` or a script file.

NODE_PATH directories...

A colon-separated list of directories prefixed to the module search path.

NODE_PENDING_DEPRECATION

When set to 1, emit pending deprecation warnings.

NODE_PRESERVE_SYMLINKS

When set to 1, the module loader preserves symbolic links when resolving and caching modules.

NODE_REDIRECT_WARNINGS file

Write process warnings to the given file instead of printing to `stderr`.

Equivalent to passing `--redirect-warnings file` on command-line.

NODE_REPL_HISTORY file

Path to the file used to store persistent REPL history. The default path is `~/.node_repl_history`, which is overridden by this variable. Setting the value to an empty string (`""` or `" "`) will disable persistent REPL history.

`NODE_TLS_REJECT_UNAUTHORIZED`

When set to 0, TLS certificate validation is disabled.

`NODE_V8_COVERAGE` dir

When set, Node.js writes JavaScript code coverage information to dir.

`OPENSSL_CONF` file

Load an OpenSSL configuration file on startup. Among other uses, this can be used to enable FIPS-compliant crypto if Node.js is built with `./configure --openssl-fips`.

If the `--openssl-config` command-line option is used, this environment variable is ignored.

`SSL_CERT_DIR` dir

If `--use-openssl-ca` is enabled, this overrides and sets OpenSSL's directory containing trusted certificates.

`SSL_CERT_FILE` file

If `--use-openssl-ca` is enabled, this overrides and sets OpenSSL's file containing trusted certificates.

`UV_THREADPOOL_SIZE` size

Sets the number of threads used in libuv's threadpool to size.

BUGS

Bugs are tracked in GitHub Issues: <https://github.com/nodejs/node/issues>

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Node.js also includes external libraries that are available under a variety of licenses. See <https://github.com/nodejs/node/blob/master/LICENSE> for the full license text.

SEE ALSO

Website: <https://nodejs.org/>

Documentation: <https://nodejs.org/api/>

GitHub repository & Issue Tracker: <https://github.com/nodejs/node>

IRC (general questions): [#node.js](https://freenode.net) (unofficial)

IRC (Node.js core development): chat.freenode.net #node-dev

AUTHORS

Written and maintained by 1000+ contributors:

<https://github.com/nodejs/node/blob/master/AUTHORS>

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