

Description

The `npm` CLI has various mechanisms for showing different levels of information back to end-users for certain commands, configurations & environments.

Setting Log Levels

`loglevel`

`loglevel` is a global argument/config that can be set to determine the type of information to be displayed.

The default value of `loglevel` is `"notice"` but there are several levels/types of logs available, including:

- `"silent"`
- `"error"`
- `"warn"`
- `"notice"`
- `"http"`
- `"timing"`
- `"info"`
- `"verbose"`
- `"silly"`

All logs pertaining to a level proceeding the current setting will be shown.

All logs are written to a debug log, with the path to that file printed if the execution of a command fails.

Aliases

The log levels listed above have various corresponding aliases, including:

- `-d : --loglevel info`
- `--dd : --loglevel verbose`
- `--verbose : --loglevel verbose`
- `--ddd : --loglevel silly`
- `-q : --loglevel warn`
- `--quiet : --loglevel warn`
- `-s : --loglevel silent`
- `--silent : --loglevel silent`

`foreground-scripts`

The `npm` CLI began hiding the output of lifecycle scripts for `npm install` as of `v7`. Notably, this means you will not see logs/output from packages that may be using "install scripts" to display information back to you or from your own project's scripts defined in `package.json`. If you'd like to change this behavior & log this output you can set `foreground-scripts` to `true`.

Registry Response Headers

`npm-notice`

The `npm` CLI reads from & logs any `npm-notice` headers that are returned from the configured registry. This mechanism can be used by third-party registries to provide useful information when network-dependent requests occur.

This header is not cached, and will not be logged if the request is served from the cache.

See also

- [config](#)