martinheidegger / **gist:5554941**

Last active 2 years ago • Report gist

NPM commands cheat sheet

⟨⟩ gistfile1.md

Npm has a lot of commands, lets make a cheat sheet!

Community Features

- adduser (alias: add-user | login)

  Create or Login into the npm server.

  ```
  npm adduser
  ```

  (Follow the instructions)

- whoami

  Outputs as what user you are logged in.

  ```
  npm whoami
  ```

- star <-> unstar

  Changes the rating of a package in the system

  ```
  npm star express
  ```

- view (alias: info | how)

  Shows the information to a package in the package manager

  ```
  npm view socket.io
  ```

- search (alias: find | s | se)

  Searches for packages using a free text search

  ```
  npm search browserify
  ```

NPM Information

- help (alias: apihelp)

  Shows the help for all npm commands.

  ```
  npm help json
  ```

  Recommended reading: developers, json, folder, coding-style

- faq

  Shows frequently asked questions

  ```
  npm faq
  ```

- help-search

  Searches through all of the available search topics using an abritary string

  ```
  npm help-search repository
  ```

- root

  Shows the current npm modules directory

  ```
  npm root
  ```

- bin

  Shows the current npm bin directory

  ```
  npm bin
  ```

- prefix

  Shows the folder where npm modules should be installed

  ```
  npm prefix
  ```

- version

  Shows the currently running npm version

  ```
  npm version
  ```

- ls (alias la | ll | list)

  Shows what packages are installed

  ```
  npm ls
  ```

NPM Settings

- completion

  Tool to enable code completion in bash

  ```
  npm completion >> ~/.bashrc
  ```

- set <-> get

  Changes or shows a property of npm.

  ```
  npm get repository
  ```

- config (c)

  Extended access to properties (not just get/set)

  ```
  npm config list
  ```

- cache

  Tool to manipulate the local package cache.

```
npm cache clean
```

- link (alias: ln)

  Links a folder in the global package space.

  ```
  npm link ~/myLocalPackage
  ```

Foreign Package Information

- bugs

  Opens the bug-tracker of a package in the browser

  ```
  npm bugs gaze
  ```

- explore

  Opens a new shell session and sets its current directory to the installed package directory.

  ```
  npm explore request
  ```

- docs (home)

  Opens the documentation of the supplied package in the browser.

  ```
  npm docs mongoose
  ```

- edit

  Opens the editor with focus on the folder of the package.

  ```
  npm edit jade
  ```

  Note: You need to setup your editor if you don't want to use VI

Package Creation

- init

  Wizard to create a package.json file.

  ```
  npm init
  ```

  Note: Follow the wizard dilligently ;-)

- install <-> rm (alias: uninstall)

  Downloads and installs or uninstalls a package

  ```
  npm install grunt
  ```

  or globally

  ```
  npm install grunt-cli -g
  ```

- publish <-> unpublish

  Publishes a package to the npm

```
    npm publish .
```

- owner (alias: author)

  User manager for the installed package.

  ```
    npm owner add substack .
  ```

- tag

  Add a tag for a package

  ```
    npm tag underscore@1.4.4 awesome
  ```

- deprecate

  Mark a package (or a version of it) as deprecated

  ```
    npm deprecate jsdom@0.6.0
  ```

- outdated

  Checks if any package is outdated.

  ```
    npm outdated
  ```

- submodule

  Helper to create a submodule at the git directory specified in the package.json of the module.

  ```
    npm submodule example
  ```

- update (alias: up)

  Updates all packages to the latest version.

  ```
    npm update
  ```

- shrinkwrap

  Creates a npm-shrinkwrap.json that fixates which versions of which libraries to install

  ```
    npm shinkwrap
  ```

- dedupe (alias: ddp | find-dupes)

  Removes duplicates of referenced packages

  ```
    npm dedupe
  ```

- prune

  Removes packages that are installed but not listed in the package.json

  ```
    npm prune
  ```

- pack

  Creates a tarball from a package

```
npm pack .
```

Package Interaction

- run-script

  Runs one of the scripts defined in package.json (usually not needed)

  ```
  npm run-script postinstall
  ```

  Possible scripts:

  ```
  preinstall, install, postinstall
  preuninstall, uninstall, postuninstall
  preupdate, update, postupdate
  prepublish, publish, postpublish
  pretest, test, posttest
  prestop, stop, poststop
  prestart, start, poststart
  prerestart
  ```

- start <-> restart <-> stop

  Starts whatever there is to start.

  ```
  npm start
  ```

- test (alias: tst)

  Runs tests for the current package

  ```
  npm test
  ```

- rebuild (alias: rb)

  Build any binary library required for this package.

  ```
  npm rebuild
  ```

Easter eggs

- xmas
- substack