

# NODE.JS CHEATSHEET

## Package management

<code>npm i</code>	Alias for <code>npm install</code>
<code>npm install</code>	Install everything in package.json
<code>npm install --production</code>	Install everything in package.json, except devDependencies
<code>npm install lodash</code>	Install a package
<code>npm install --save-dev lodash</code>	Install as devDependency
<code>npm install --save-exact lodash</code>	Install with exact
<code>--save</code> is the default as of <code>npm@5</code> . Previously, using <code>npm install</code> without <code>--save</code> doesn't update package.json.	

## Listing

<code>npm list</code>	Lists the installed versions of all dependencies in this software
<code>npm list -g --depth 0</code>	Lists the installed versions of all globally installed packages
<code>npm view</code>	Lists the latest versions of all dependencies in this software
<code>npm outdated</code>	Lists only the dependencies in this software which are outdated

## Misc features

```
# Add someone as an owner
npm owner add USERNAME PACKAGENAME
```

```
# list packages
npm ls
```

```
# Adds warning to those that install a package of old versions
npm deprecate PACKAGE@< 0.2.0 "critical bug fixed in v0.2.0"
```

```
# update all packages, or selected packages
npm update [-g] PACKAGE
```

```
# Check for outdated packages
npm outdated [PACKAGE]
```

## Install names

<code>npm i sax</code>	NPM package
<code>npm i sax@latest</code>	Specify tag latest
<code>npm i sax@3.0.0</code>	Specify version 3.0.0
<code>npm i sax@"&gt;=1 &lt;2.0"</code>	Specify version range
<code>npm i @org/sax</code>	Scoped NPM package
<code>npm i user/repo</code>	GitHub
<code>npm i user/repo#master</code>	GitHub
<code>npm i github:user/repo</code>	GitHub
<code>npm i gitlab:user/repo</code>	GitLab
<code>npm i /path/to/repo</code>	Absolute path
<code>npm i ./archive.tgz</code>	Tarball
<code>npm i https://site.com/archive.tgz</code>	Tarball via HTTP

## Updating

<code>npm update</code>	Update production packages
<code>npm update --dev</code>	Update dev packages
<code>npm update -g</code>	Update global packages
<code>npm update lodash</code>	Update a package