# NPM *vs* YARN

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## What you need to know

```
npm install === yarn
```

Install is the default behavior.

```
npm install taco --save === yarn add taco
```

The Taco package is saved to your **package.json** immediately.

```
npm uninstall taco --save === yarn
remove taco
```

—-**save**can be defaulted in NPM by npm config set save true but this is non-obvious to most developers. Adding and removing from **package.json** is default in Yarn.

```
npm install taco --save-dev === yarn
add taco --dev
```

```
npm update --save === yarn upgrade
```

Great call on upgrade vs update, since that is exactly what it is doing! Version number moves, upgrade is happening!

**WARNING npm update --save** seems to be kinda broken in 3.11

```
npm install taco@latest --save === yarn
add taco
```

```
npm install taco --global === yarn global
add taco
```

As always, use global flag with care.

## Things NPM has that yarn doesn't

```
npm xmas
```
**NO EQUIVALENT**

```
npm visnup
```
**NO EQUIVALENT**

## What you know about Yarn

```
npm init === yarn init
```

```
npm link === yarn link
```

```
npm outdated === yarn outdated
```

```
npm publish === yarn publish
```

```
npm run === yarn run
```

```
npm cache clean === yarn cache clean
```

```
npm login === yarn login          (and logout)
```

```
npm test === yarn test
```

## Things yarn has that NPM doesn't

```
yarn licenses ls
```

Allows you to inspect the licenses of your dependencies

```
yarn licenses generate-disclaimer
```

Automatically create your license dependency disclaimer

```
yarn why taco
```

Identify why 'taco' package is installed, detailing which other packages depend upon it (thanks Olivier Combe).