# Yarn Package Manager Cheat Sheet
by Greg Finzer (GregFinzer) via cheatography.com/15280/cs/11442/

## Links

| | |
|---|---|
| Install Yarn | https://yarnpkg.com/en/docs/install |
| Documentation | https://yarnpkg.com/en/docs |
| Get version of Yarn Installed | yarn --version |

## Migrating from npm

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| Run first in your project directory on the command line. | yarn |
| Change Angular CLI to use yarn | ng set --global packageManager=yarn |

## Install Packages

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|---|---|
| Install a package, update the package.json and yarn.lock files | yarn add <package-name> |
| Install a specific version of a package, update the package.json and yarn.lock files | yarn add <package-name>@<version-number> |
| Install to dev dependencies | yarn add <package-name> --dev |
| Install a package globally | yarn global add <package-name> |
| Get the global cache directory | yarn cache dir |
| Restore Packages defined in package.json | yarn install |

## Uninstall Packages

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|---|---|
| Uninstall, remove from package.json, remove from yarn.lock | yarn remove <package-name> |
| Uninstall a global package | yarn global remove <package-name> |
| Clean from the yarn cache | yarn cache clean |

## List Packages

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|---|---|
| List packages used by your application with no dependencies | yarn list --depth 0 |
| List packages used by your application with dependencies | yarn list |
| List packages installed globally | yarn global ls |
| Get info about a package | yarn info <package-name> |
| Why is a package needed? | yarn why <package-name> |

## Verify Packages

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|---|---|
| Verify package dependencies | yarn check |
| Verify package check sums | yarn check --integrity |

## Upgrading Packages

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|---|---|
| Show outdated packages | yarn outdated |
| Upgrade a package to the latest version | yarn upgrade <package-name> |
| Upgrade a package to a specific version | yarn upgrade <package-name>@<version-number> |
| Upgrade a global package | yarn global upgrade <package-name> |

### Proxy - escape special characters

yarn config set proxy http://username:password@yourproxyserver:8080/

yarn config set https-proxy http://username:password@yourproxyserver:8080/