**Install Yarn**

Visit the Yarn website:

https://yarnpkg.com/en/docs/install

**Documentation**

Access the Yarn documentation:

https://yarnpkg.com/en/docs

**Get version of Yarn Installed**

Run the command:

```
yarn --version
```

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## Migrating from npm

Run first in your project directory on the command line.

```
yarn
```

Change Angular CLI to use yarn

```
ng set --global packageManager=yarn
```

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## Install Packages

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
```

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## Uninstall Packages

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
```

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## List Packages

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>
```

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## Verify Packages

Verify package dependencies

```
yarn check
```

Verify package check sums

```
yarn check --integrity
```

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## Upgrading Packages

Show outdated packages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yarn outdated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/