

Installing Angular CLI and Creating a Sample Project

Prerequisites:

Node.js: Angular requires Node.js. You can download it from the Node.js official website: <https://nodejs.org/>.

Step 1: Install Angular CLI

1. Open a terminal (command prompt or PowerShell on Windows, terminal on macOS or Linux).

2. Run the following command to install Angular CLI globally:

```
npm install -g @angular/cli
```

Step 2: Create a New Angular Project

1. Navigate to the directory where you want to create the project:

```
cd path/to/your/projects
```

2. Create a new Angular project by running the following command:

```
ng new my-sample-project
```

- my-sample-project is the name of your project. You can choose any name you like.

- Follow the prompts to set up the project. You can choose routing and stylesheets preferences as needed.

Step 3: Navigate to the Project Directory

1. Change directory to the newly created project:

```
cd my-sample-project
```

Step 4: Serve the Project

1. Run the following command to start the development server:

```
ng serve
```

2. Open your web browser and navigate to <http://localhost:4200/> to see your new Angular application running.

Additional Commands:

To generate a new component:

```
ng generate component component-name
```

To build the project for production:

ng build --prod