

Steps to Install Environment for Angular Web Development

Steps 1: Install Node.js

Goto: <https://nodejs.org/en/download/>

Download the LTS (Long Term Service) version depending on your OS.

Use below command to check whether it gets installed or not on your machine

Node --version

Step 2: Install npm (Node Package Manager) It is like pip in python

npm get automatically installed when we install node

Use below command to check whether it gets installed or not on your machine

npm --version

Step 3: Install typescript compiler (Transpiler)

Use below command to install typescript compiler

npm install -g typescript

use below command to check whether it gets installed or not on your machine

tsc -version // (tsc=typescript compiler)

Step 4: Install CLI (Command Line Interface)

Use below Command to install Angular CLI

npm install -g @angular/cli

use below command to check all versions

ng -version

Step 5: Create on .ts file as Demo.ts

Step 6: transpile .ts file to .js file using node.js file using below command

tsc Demo.ts

New file gets created as Demo.js

Step 7: Execute that .js file using node.js

Use below command to execute the code

node Demo.js

Step 8: Create one angular project using below command

ng new Marvellous

One directory gets created as Marvellous

Step 9: Go to that directory through command prompt and start the project

ng serve

Step 10: Open browser and goto the below URL to check the output of angular application

<http://localhost:4200/>