

Polymer Installation and New Project Manual

1. Install **Node.JS** in your Computer download it from - <https://nodejs.org/en/>
2. After installation of Node Js you will be now able to use '**npm**' in your command prompt.
3. Open Command Prompt – To open Command prompt just type **cmd** in window search
4. Create a Folder where you want to Create a new Demo of Polymer
5. Using '**cd**' command 'Change Directory' in command prompt change your directory to that folder. Example **cd C:\Users\Student\Documents\DemoPolymer**
6. Now Install **Bower** in first using the following command in Command Prompt
npm install -g bower
7. Now Install Polymer CLI that is Command Line Interface using following command in Command Prompt
npm install -g polymer-cli
8. All the Polymer Files will be installed it will take 2 to 5 Minutes
9. After installation of the Polymer you have to Initialize the polymer application using the following command in Command Prompt
polymer init
10. After completion of Initialization it will present you will three choices of the new application you want to create choose the option that fulfills your needs
Which starter template would you like to use? (Use arrow keys)
 - **polymer-2-element** - A simple Polymer 2.0 element template
 - **polymer-2-application** - A simple Polymer 2.0 application
 - **polymer-2-starter-kit** - A Polymer 2.x starter application template, with navigation and "PRPL pattern" loading shop - The "Shop" Progressive Web App demo
11. It will create a new application and will ask you Name of It and some other details like description and main element name just follow the instructions.
12. Now your new Polymer project is ready to run to run it use following command in command prompt. **polymer serve --open**

13. The open command in the end will open the index page of your folder if you will use the command without the **–open** then
14. It will give you a link in the end like **http://127.0.0.1:8081** You will need to copy and paste the link into the browser to run the application.

Note – Do not Install Current/Latest Version of Node JS. Install the Version that Is **Recommended for most of the Users**. If you will install the Latest version that is not stable and Polymer will also not work with it.