3.4 Service Worker



This section will guide you to:

* Register and monitor service worker in your browser

This guide has mainly five subsections, namely:

3.4.1 Creating an Angular application

3.4.2 Installing PWA and **http-server**

3.4.3 Building and running the application

3.4.4 Monitoring service workers in the browser's developer tools

3.4.5 Pushing the files to your GitHub repositories

**Step 3.4.1:** Creating an Angular application

* Run the below command to create an Angular application:

**ng new angpwa**

**Step 3.4.2:** Installing PWA and **http-server**

* Navigate to the application folder and run the below command to install PWA and **http-server**:

**ng add @angular/pwa**

**npm install -g http-server@0.9.0**

**Step 3.4.3:** Building and running the application

* Run the below command to build your application to the production mode:

**ng build --prod**

* Navigate to the application folder under **dist** folder and run the below command to serve the application on **http-server:**

**cd dist/angpwa**

**http-server -o**

* Open **localhost:8080** in your browser.
* To install or download the application to your local system:
* **For Chrome:** Click on the **+** button on the right corner of the address bar.

**Step 3.4.4:** Monitoring service workers in the development tools of the browser

* Open developer options in your browser and navigate to the application tab to see the registered service worker and its status.

**Step 3.4.5:** Pushing the files to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your Git repository using the following command:

git add .

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master