# Angular -8

### **Angular Routing**

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## **Angular Routing**

- Routing and Navigation
- Wildcard Route and Redirecting Routes
- Route Parameters
- ParamMap Observable
- > Child Routes



### **Angular Routing**

#### What is Routing?

- > Routing is an important key feature for every frontend framework, it is the process of dividing the UI of an application using URLs
- ➤ It allows developers to build modern single-page applications that can be loaded once by a browser and provide multiple views.
- ➤ The Angular router is an essential element of the Angular platform. It allows developers to build Single Page Applications with multiple states and views using routes and components and allows client side navigation and routing between the various components.



### **Single Page Application**

#### What is Single Page Application?

- ➤ A single-page application (SPA) is a website design approach where each new page's content is served not from loading new HTML pages but generated dynamically through JavaScript's ability to manipulate the DOM elements on the existing page itself.
- ➤ In a more traditional web page architecture, an index.html page might link to other HTML pages on the server that the browser will download and display from scratch.
- ➤ An SPA approach allows the user to continue consuming and interacting with the page while new elements are being updated or fetched and can result in much faster interactions and content reloading.





**Thank You** 

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