

# Angular Routing

Jogesh K. Muppala



THE DEPARTMENT OF  
**COMPUTER SCIENCE & ENGINEERING**  
計算機科學及工程學系



香港科技大學  
THE HONG KONG UNIVERSITY OF  
SCIENCE AND TECHNOLOGY

# Angular Router

- Enables navigation among views
- Uses a browser URL as an instruction to navigate to a client-generated view
  - Can also pass along optional parameters

# HTML5 History API

- Gives developers the ability to modify a website's URL without a full page refresh
  - `pushState()`: Add history entry
  - `replaceState()`: Modify history entry
  - Configure `<base href="/">`

`http://example.abc.com/home`

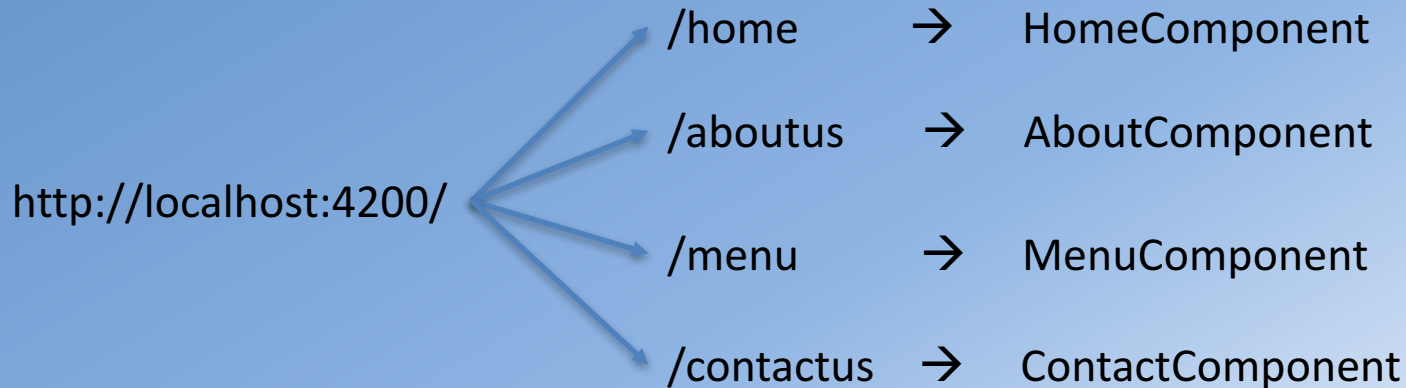


Can change this without reload of the page

`http://example.abc.com/menu`

# Angular Router

- Angular router leverages HTML5 history manipulation to modify the browser URL



# Some Angular Router Terms

- Router Module
  - Routes
    - {path: “/home”, component: HomeComponent}
- routerOutlet
  - <router-outlet></router-outlet>
- routerLink
  - <a routerLink=“/menu”>Menu</a>