

@angular/universal - SSR

4. Server Side Rendering

Server Side Rendering

- If Angular can run on Node.js platform and on Browser platform. can we create our angular app to run on both? What will be the benefit?
- Yes. Our Angular app can run on both platform, this will give us the ability for our code to create DOM elements and also to create HTML representation of those dom elements
- This is referred as Server Side Rendering or SSR
- On Server Side Rendering we deliver a full HTML snapshot, created by our backend to hold the user while the js file are loaded

How SSR works?

Client Browser

Node Server

Request HTML

Response Full HTML

Request JS files

Response JS files run them and replace the current DOM



SSR or Prerendring

- With SSR we need to create a full HTML to deliver to the client.
- There are 2 ways to send the full HTML
 - ▶ Prerender - create the HTML during build
 - ▶ SSR - create the HTML when the user requests the page

Thank You

Next Lesson: 5. `@universal/*`