December 19, 2021

Debugging

1. Open document and in browser localhost:3000
2. F12 opens DevTools
3. DevTools refer to the 9 menus as panels. Elements, Console, Sources, and Network contains most of the traditional debugging tolls that will help us find, identify and fix bug. The other panels focuses on performance monitoring, security, and tuning.
4. Elements panel is where we examine the DOM elements and their styles. The second set of menu subset of the panels are called pane.
5. Click the menu and then settings near the bottom of the list. You can change the appearance of the panels.
6. Click the menu button to configure how the console would look. Dock side
7. Chrome DevTools command menu: modeled after the command palette in VS code. The keyboard shortcut to open it is CTRL+Shift+P. This can be a great way to find new commands or those you can’t remember how to access.
8. Another thing to have handy is the official DevTools documentation. https://developers.google.com/web/tools/chrome-devtools
9. HTML != DOM
10. Click on Sources panel, Click About.html,
11. Open Console panel, type: document.body.appendChild(document.createElement(‘h3’) <h3></h3>
12. Then type>> document.querySelector(‘h3’).innerText = “I’m not in the HTML source file.”; (and that gets loaded on the browser but it’s not in the JavaScript file)
13. In Elements panel, it does show the h3 tag. The Elements panel gives you a current view of the DOM and the source panel lets you look at the rest of the HTML.
14. CRTL+SHIFT+C opens Element panel.
15. You can right click and inspect anything on a page.
16. CTRL+F also searches for any string
17. Using the # will find the element with that id and can change that by double clicking it. Pressing enter allows changes to it. Great way to experiment how it looks.
18. Device mode is the icon on the left of Elements panel