React Tools

Wednesday, March 23, 2022   2:41 PM
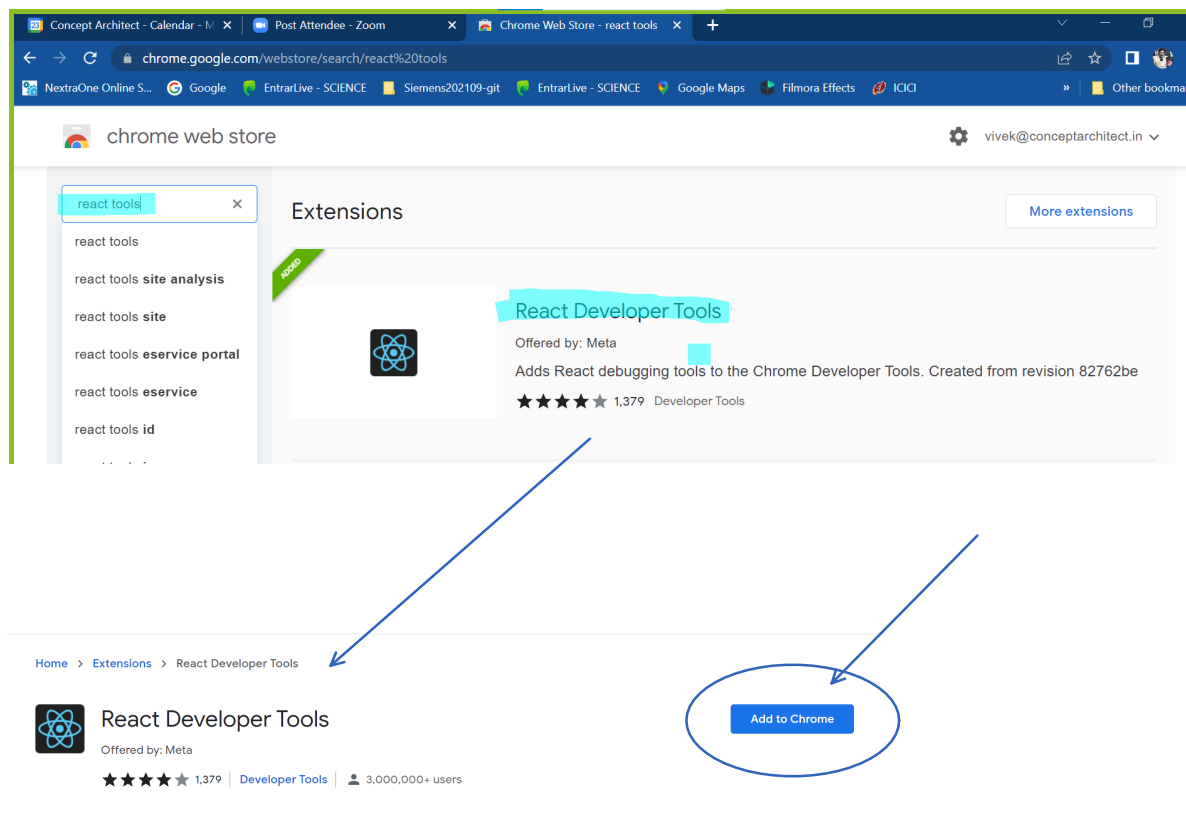
- When we try to debug an application and find out it's values we often put console.log to check the values
- This involves extra code injection and after fixing the problem removing those extra console.log
- It may be painful.
- React team came up with a React specific solution

React Tools

- React has created a React Tool as a chrome browser extension
  - This tool is also available for Mozilla
  - It may not be available for all browsers including Opera
- This tool adds new tabs to developer window
- This tool can help us see our
  - Component Tree
  - Props
  - State
  - Recent changes to props and state
- We don't need to console.log them.
- We will still need to console.log normal variables etc

- It also offers ability to debug react source code in chrome.
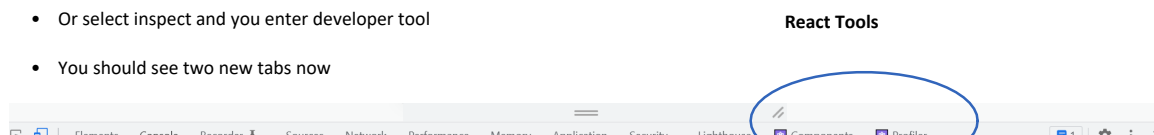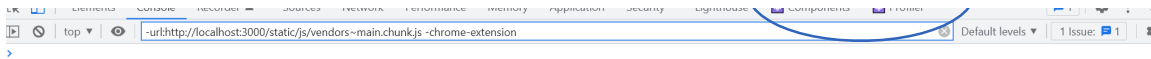
Step #1 Getting React Tools

- https://chrome.google.com/webstore

2. Run or refresh your Application

http://localhost:3000

3. Goto Developer Console (F12) (or Fn+F12)

- Or select inspect and you enter developer tool
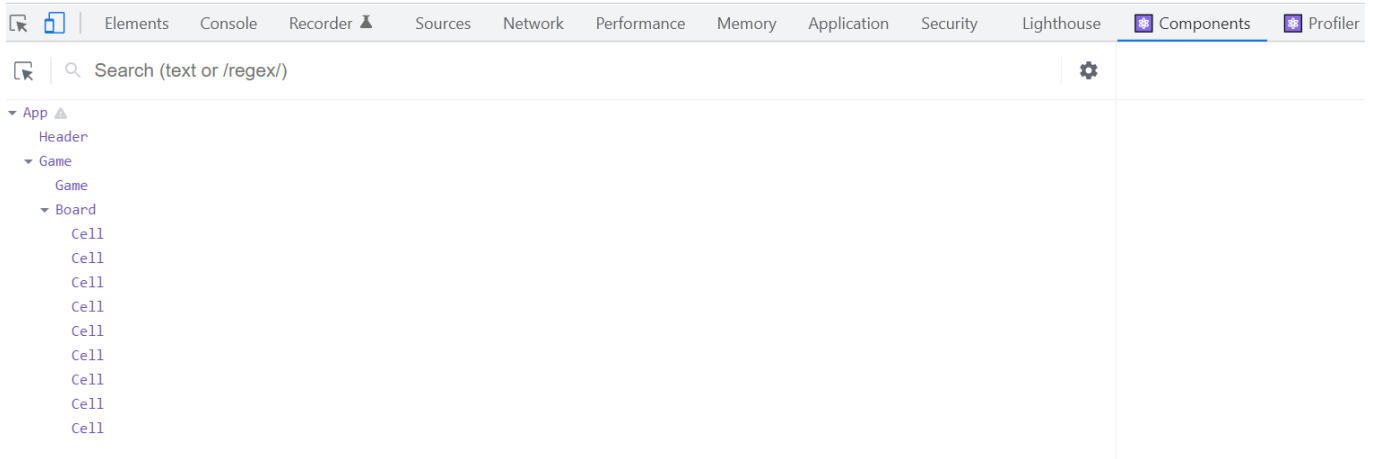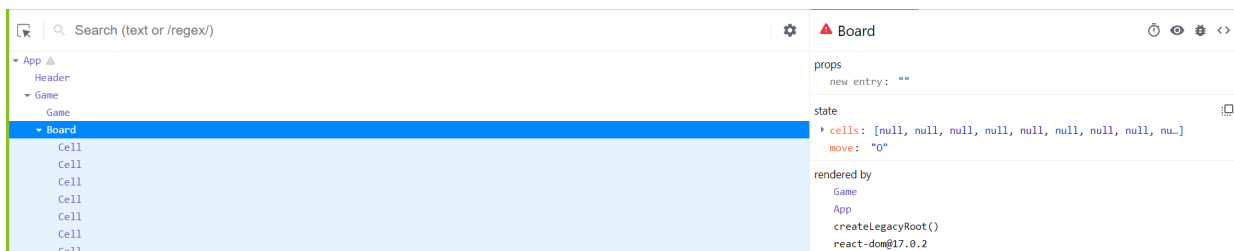
- You should see two new tabs now

- These tabs will be available only when you visit a React powered website. Not otherwise

Component Tree

- Here we see React Component tree and not regular DOM tree we see in Elements Tab

We can check the component's props and state

It Highlights the recent changes due to some action in the state and the props