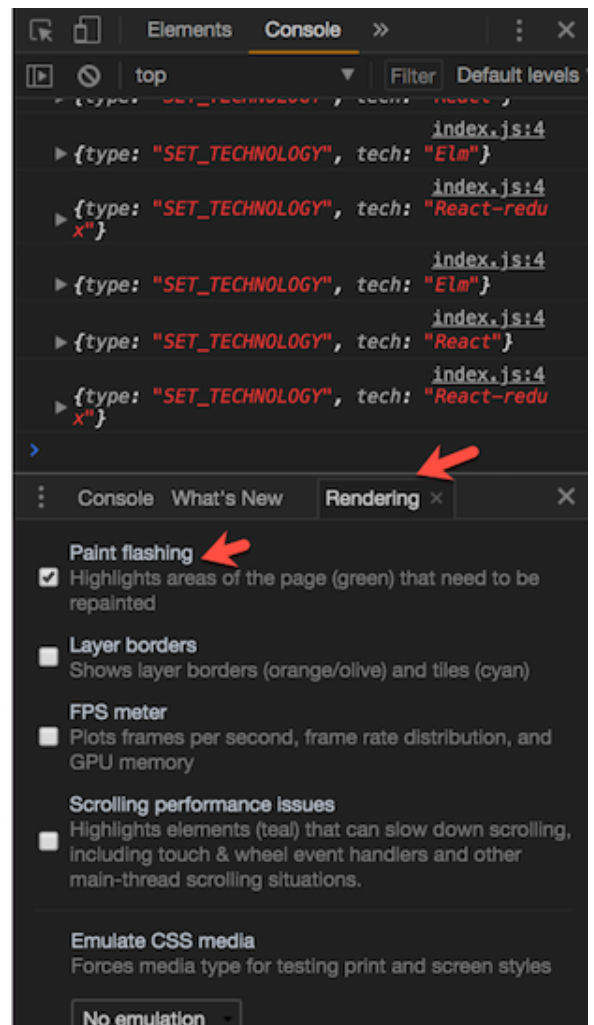


Almost Done

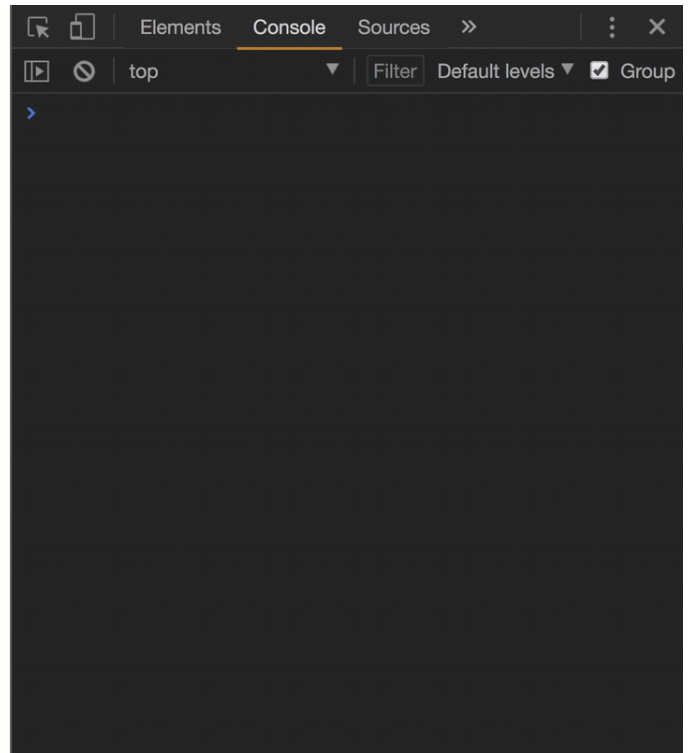
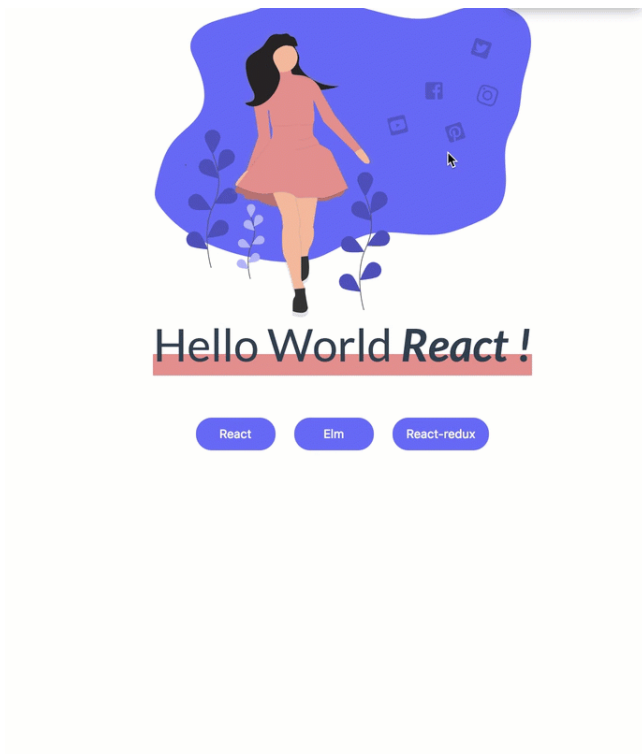
Another cool feature of our browser Devtools is "paint-flashing". Let's see how it works.

Yeah, we're done, technically. However, there's one more thing I'd love to show you. I'll bring up my browser Devtools and enable paint-flashing.



Now, as we click and update the state of the app, note the green flashes that appear on the screen. The green flashes represent parts of the app being re-painted i.e re-rendered by the Browser engine.

Have a look :



As you can see, even though it appears that the **render** function is invoked every time a state update is made, the entire app is not re-rendered. **Just the component with a new state value is re-rendered.** In this case, the `<HelloWorld/>` component.

One more thing.

If the current state of the app renders, Hello World React, clicking the React button again doesn't re-render since the state value is the same.

Good!

This is the **React Virtual DOM Diff algorithm** at work here. If you know some React, you must have heard this before.

So, yeah. We're done with this! I'm having so much fun explaining this. I hope you are enjoying the read too.