

Measuring Performance in React Apps

In this lesson we will see how we can use Profiler to measure the performance of a React app.

WE'LL COVER THE FOLLOWING ^

- Need of the Profiler
- Benefits of the Profiler

Web performance is a big deal. Nobody has the time to sit through hours waiting for your webpage to load.



Need of the Profiler

In order to measure performance and identify performance bottlenecks in your apps, it's crucial to have some way to inspect how long it took your app's components to render, and why they were rendered.

This is exactly why the Profiler exists.

If you've been writing react for some time, you might remember the `react-addons-perf` module.

Well, that has been **deprecated** in favor of the Profiler.

- react-addons-perf 
- The React Profiler 

Benefits of the Profiler

With the Profiler, you can:

- Collect timing information about each component
- Easily identify performance bottlenecks
- Be sure to have a tool compatible with concurrent rendering

Let's familiarize ourselves with the use of profiler for better performance and diagnosing performance bottlenecks.