What is jest?

Jest is a test runner in JavaScript, and it’s used for creating, running, and structuring tests.

Right now, jest is one of the most popular test runners for JavaScript and is the best choice when creating react projects.

There are a plethora of tests you can run using jest, but the three main types are unit testing, integration testing, and UI testing.

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Where Jest came from

Jest was released the 8th of august, 2014 in a fairly poor state with many broken features and worked very slowly, but is now much more reliable and fast.

Jest was created by Christoph Nakazawa who at the time was an engineering manager at Facebook.

Even though Christoph left Facebook, Jest is still currently maintained by them.

Jest is also very similar to another testing framework called mocha and many companies have opted to switch to it.

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I’m sure you’re wondering, why would you use Jest

Well, the short answer is, it’s quick

Jest runs in parallel, meaning it can run multiple tests simultaneously which increases the speed of your testing.

Jest also has many useful features and I’ll show you one we haven’t covered. We already covered verbose which displays individual test results in the test suite hierarchy. But one I found interesting was coverage. Putting - - coverage in your JSON file under test, outputs a nice coverage report in your terminal showing how much of your file you covered while testing.

That’s just one of many different features to learn but that would take more time than I have to go over

And that’s all, thank you for listening