

Angular Research Reflection

Starting off with the similarities they are both front end frame works that utilize components. They both make it easy to reuse elements across your front end. To be nitpicky React is technically not a frame work but a library we use in the style of a frame work while Angular is a full on framework. Angular also seems to be exclusively written in TypeScript from what I've seen while React can be JS or TS. Also the for loop and conditional syntax I find kind of gross for Angular as I think its really ugly and a bit confusing as compared to a similar setup for React

I would say at scale Angular would probably be the better pick due to the highly structure nature of it. For example when generating the components for the playlists, each had a folder containing a Component file, Component Spec file, HTML file, and CSS file for each component. It seems to have divided up all the data up that would have just been in a single file for React. I think this division and structure would make it easier to dissect what some other programmer has written because its standardized (and being in TS means types!). I believe the down side to this would be a similar concept to mySQL vs MongoDB where the restrictions of the structure would interfere with building and deploying something quickly. I also found navigating through all the files to be highly convoluted but that's likely me being new to Angular and setting things up poorly.

As for making comparisons to which to choose from for a new project, the first thing I would look at is how large will the project be. I think if its going to be a huge project then the highly structure nature of Angular will be worth dealing with all the files you have to wade through to set it up. If I care about quickly developing something I would personally go with React because I am more familiar with it and its less work to setup.

Overall if I had to pick one it would be Angular because I think it aligns with my programming style better. I am by nature a pre plan optimizer and Angular lets me lay everything out uniformly. It also being TS written also means I have forced types

which I personally like because it also forces me to understand what I want the code to do.