**Вопросы 💎**

1. Обязательно ли скачивать и устанавливать какие-то библиотеки для начала работы с ReactJS?

No, not required.

1. Перечислите плюсы и минусы SPA приложений?

Advantages:

- SPA works everywhere. All a SPA needs is JavaScript support. Such sites work well both on the desktop and on the web, and can partially replace full-fledged mobile applications.

- Ability to use large amounts of data . The size of the application and the data it uses is not limited by the device's memory.

- Speed. One page with everything you need not only saves time on reloading data, but also improves work productivity.

- Development capabilities. Frameworks are available to developers that simplify the creation of a project architecture and provide a lot of ready-made elements for work.

Disadvantages:

- Internet connection required . It is impossible to use such software without access to the network. But even if the desktop software uses external databases in its work, then access to the Internet is necessary in any case.

- Difficulties with SEO . Features of SPA complicate or make it impossible for the search engines to index all application modules. This can be difficult to optimize.

- Does not work for users with disabled JS support . Many people disable the display of JS elements in their browsers, and the Single Page Application uses them in its work, so it may not work.

1. Как создать React-приложение?

If there is a Json file in your application, you can install react and react-dom from the command line. However, the folder must be initialized as an npm project using npm init -y with a package.json file. You can install multiple node packages on one line via npm.

1. Является ли React фреймворком? А какие есть еще веб-фронтенд фреймворки?

Formally, React is not a framework - it is not even designed exclusively for the web. It is used for rendering and in conjunction with other libraries. For example, [React Native] can be used to build mobile apps; [React 360] can be used to build virtual reality apps and more.

Developers use React in tandem with [ReactDOM] to build web applications. React and ReactDOM are often discussed in the same space and are used to solve the same problems as other real web development frameworks. When we refer to React as a “framework”, we mean this colloquial understanding.

Other frontend frameworks:

Angular.

Django.

Laravel.

Ruby on Rails.

Vue. js.

Spring.

Express.

1. Какой командой можно добавить библиотеку или компонент в свой файл?

Import…..from

1. Найдите три внешних React-компонента, которые вам могут пригодиться в будущем (*например, react-color, react-google-maps и пр.*)

React-burger-menu

React Slick

React Photo Gallery

1. Какой основной файл SPA-проекта, где мы делаем изменения?

src/App.js

1. Зачем нужна папка build и какой командой мы генерируем ее содержимое?

If we want to prepare a project for laying out on production, then

Run the command

npm build

And then copy the resulting files from the `build` folder to the hosting provider's server.