How to run create-react-app build version

Asked 3 years, 11 months ago   Modified 1 year, 5 months ago   Viewed 8k times

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I have created a test React application and I started it with the *create-react-app*. I am starting it with with *yarn start*, but that starts the debug version of the application. I did *npm run build* and it created the build folder, however when I do *yarn start* from the *build* folder, it still starts the debug version of the application. I need this for testing performance with the optimized version. How can I solve this?

reactjs   npm   create-react-app   yarnpkg

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edited Apr 14, 2018 at 20:11   asked Apr 11, 2018 at 21:56

tk421   gfels
5,509   6   22   33   **2,418**   6   26   51

Any luck with my proposed answer? – Paul McLoughlin Apr 11, 2018 at 23:31

I've updated my answer with resources for running production builds locally using apache, nginx and express. – Paul McLoughlin Apr 12, 2018 at 8:57

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4 Answers

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You can actually use static server to run build version of your app. It's doable with <u>serve</u>. You can test it with:

```
npm run build
```

```
npx serve -s build
```

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answered Apr 11, 2020 at 21:54

piasek
145   1   7

Exactly what I was looking for – ItsGeorge Jun 18, 2020 at 3:34

This worked, now to figure out what isnt appearing on my site and why – Brad G. Aug 24, 2021 at 2:44

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Navigate inside the directory of your app first.

According to the official <u>create-react-app</u> website. When you run `npm run build` or `yarn build` you create a `build` directory with a production build of your app.

After running the command above the next thing you can do to check the build version of your app is to install `serve` to serve your static site on the port **5000** by default.

```
npm install -g serve
serve -s build
```

This will copy the link to your clipboard that you can paste in your browser and see the build version of your app.

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answered Sep 20, 2020 at 3:04

proprgrmmr
179 2 1

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You're trying to move from a development build to a production build with create-react-app you need to deploy it using a web server, I would recommend using Heroku or a droplet or you can use Netlify which has a simple set up procedure using the below commands:

```
cd project-name
npm run build

npm install netlify-cli -g
netlify deploy
```

> Follow command line prompts and choose yes for new project and ./build as your deploy folder and voila you have a production React app!

You can host the app locally using apache, nginx, express

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edited Apr 12, 2018 at 8:56

answered Apr 11, 2018 at 22:04

Paul McLoughlin
2,144 2 15 23

Is there no way I can run it locally without deploying? – gfels Apr 12, 2018 at 8:50

Yes, if you run a web server locally. – Paul McLoughlin Apr 12, 2018 at 8:53

@gfels Did this answer your question? – Paul McLoughlin Apr 12, 2018 at 13:33

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If you want to run your app in browser with build files served locally from the filesystem (i.e., without a web server), you can put this in your `package.json`:

```
"homepage": ".",
```

Now

1. build your app with `npm run build`.

2. launch `<your app>/build/index.htm` l in the browser.

Note: This solution is not suggested if your app (or some routing library) is using the HTML5 pushState history API. https://facebook.github.io/create-react-app/docs/deployment#serving-apps-with-client-side-routing

Share Follow   edited Mar 21, 2019 at 8:09   answered Mar 21, 2019 at 8:03

Kiran Mohan

2,271   5   30   53