

SHE BUILDS BLACK | MONICA POWELL

INTRO TO GIT HOOKS

INTRODUCTION

Monica Powell, I'm a Full Stack Engineer at Meetup and organizer of the React Ladies Meetup group. I've written about git and other tech adventures in publications such as FreeCodeCamp, Hacker Noon and Code Like A Girl.

👋 Twitter: [@waterproofheart](https://twitter.com/waterproofheart) 🔗 www.aboutmonica.com/

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GIT – VERSION CONTROL SOFTWARE



git



WHAT'S A GIT HOOK

if this then that

Trigger Action

WHAT'S A GIT HOOK

- ▶ Useful bash scripts that are sent before / during or after typing specific git commands
- ▶ Git Hooks Documentation:
 - ▶ <https://git-scm.com/docs/githooks>

HOW CAN GIT HOOKS BE USED?

- ▶ Prevent commits to master
 - ▶ Or at least post a warning
- ▶ Run linting before committing
- ▶ Run tests
- ▶ Send notifications after a commit merges

LET'S SET UP A PLAYGROUND

- ▶ Install create-react-app
- ▶ <https://github.com/facebook/create-react-app>
- ▶ Git install [git@github.com:facebook/create-react-app.git](https://github.com/facebook/create-react-app)

LET'S SET UP A PLAYGROUND

<https://github.com/kevinoid/git-branch-is>.

- ▶ Instructions from <https://facebook.github.io/create-react-app/docs/adding-flow>

LET'S SET UP A PLAYGROUND

Precommit

Prepush

Good framework <https://www.penta-code.com/prevent-bad-git-commits-and-pushes-with-husky/>

Grab this code not push to master

<https://dev.to/fedekau/using-git-hooks-to-improve-your-day-to-day-workflow-4nl5>

—no-verify workaround

LET'S SET UP A PLAYGROUND

► " To add Flow to a Create React App project, follow these steps:

1. Run `npm install --save flow-bin` (or `yarn add flow-bin`).
2. Add "flow": "flow" to the scripts section of your package.json.
3. Run `npm run flow init` (or `yarn flow init`) to create a .flowconfig file in the root directory.
4. Add `// @flow` to any files you want to type check (for example, to `src/App.js`).

Now you can run `npm run flow` (or `yarn flow`) to check the files for type errors.

► Instructions from <https://facebook.github.io/create-react-app/docs/adding-flow>