

React.js (리액트)

Quick start

- Install node.js (npm)
- Install create-react-app

```
$ npm install -g create-react-app
```

- create app

```
$ create-react-app <project name>
```

- change directory into project

```
$ cd <project name>
```

- run project

```
$ npm start
```

- connect via web browser <http://localhost:3000/>
- start with app.js file, and so on.

Preparings

Install Node.js on Ubuntu

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```
# to install node.js we need CURL
$ sudo apt install -y curl

# install node.js using apt package manager
$ sudo apt update & sudo apt upgrade -y
$ sudo apt install nodejs
$ nodejs -v
$ sudo apt install npm
$ npm -v

# using PPA
$ curl -sL https://deb.nodesource.com/setup_18.x -o nodesource_setup.sh
# version 18.x
$ sudo bash nodesource_setup.sh
$ sudo apt-get install nodejs
$ sudo apt-get install build-essential
```

- nvm

```
$ curl -o-  
https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash  
$ source ~/.bashrc  
$ nvm list-remote  
$ nvm install <version>  
$ nvm list  
$ nvm use <version>
```

- npm update

```
$ npm install -g npm@latest  
$ npm -v
```

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Getting Started

Hello, World

```
<!DOCTYPE html>  
<html>  
  <head>  
    <meta charset="utf-8" />  
  
    <title>Hello React!</title>  
  
    <script  
src="https://unpkg.com/react@16/umd/react.development.js"></script>  
    <script  
src="https://unpkg.com/react-dom@16/umd/react-dom.development.js"></script>  
    <script  
src="https://unpkg.com/babel-standalone@6.26.0/babel.js"></script>  
  </head>  
  
  <body>  
    <div id="root"></div>  
  
    <script type="text/babel">  
      class App extends React.Component {  
        render() {  
          return <h1>Hello world!</h1>  
        }  
      }  
    </script>  
  </body>  
</html>
```

```
ReactDOM.render(<App />, document.getElementById('root'))  
</script>  
</body>  
</html>
```

References

- [시작하기](#)
- [React Tutorial: An Overview and Walkthrough](#)
- [리액트 고유한 Key 값 생성하기 \(uuid\)](#)

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