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∨ **REACT-COMPLETE-GUIDE**

> .vscode

> node_modules

> public

∨ src   ●

   > components   ●

   # App.css   U

   JS App.js   M

   # index.css   M

   JS index.js   M

  ≡ .eslintcache   M

  ◆ .gitignore

  {} package-lock.json

  {} package.json

  ⓘ README.md

> OUTLINE

> TIMELINE

> NPM SCRIPTS

TERMINAL   PROBLEMS   OUTPUT   ...   2: zsh ∨   + ⬚ 🗑 ∧ ✕

react-complete-guide $ npm install

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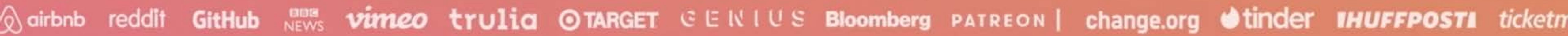
Ecosystem
Ecosystem of styled-components.
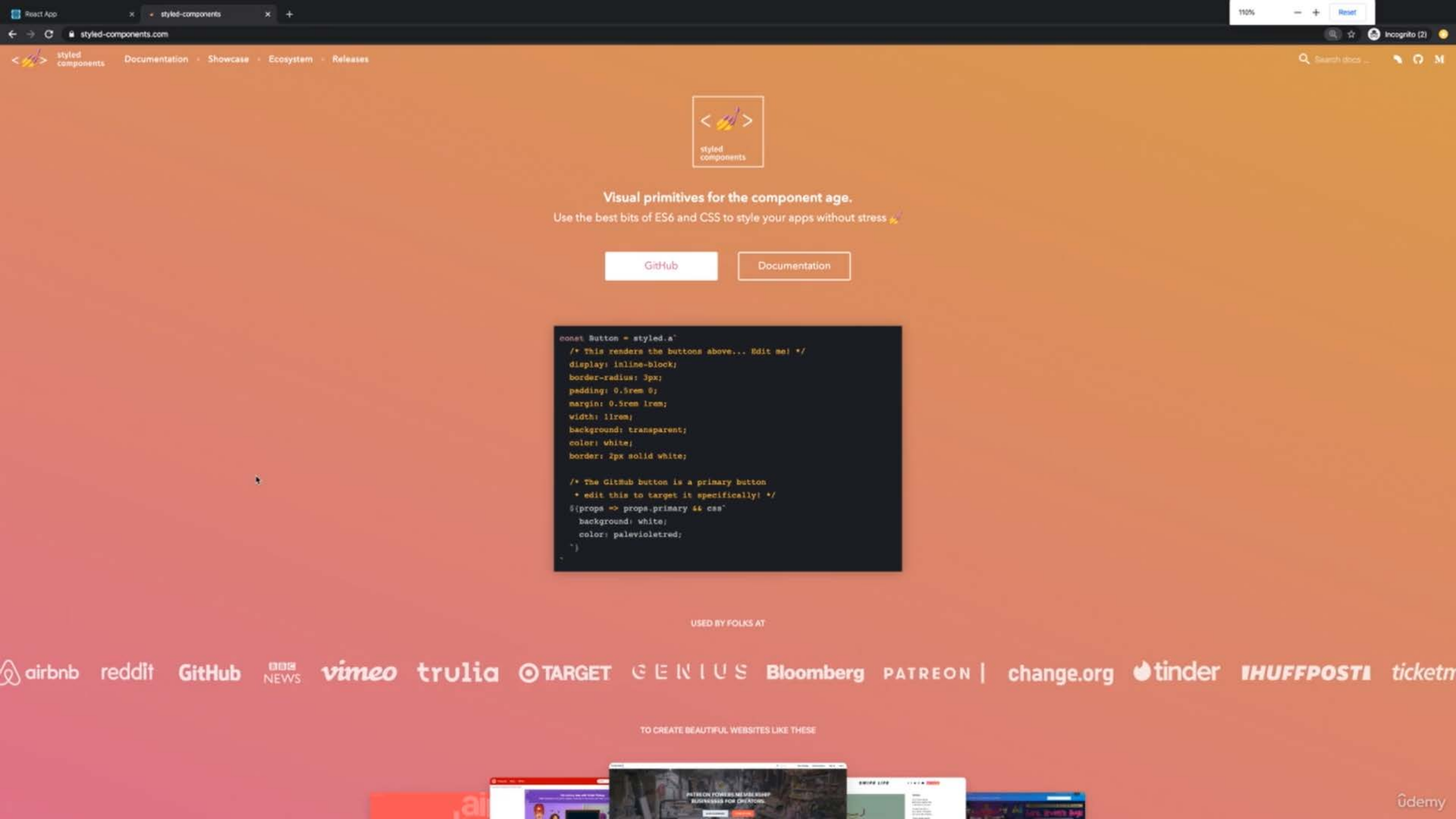
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[GitHub] [Documentation]

```
const Button = styled.a`
  /* This renders the buttons above... Edit me! */
  display: inline-block;
  border-radius: 3px;
  padding: 0.5rem 0;
  margin: 0.5rem 1rem;
  width: 11rem;
  background: transparent;
  color: white;
  border: 2px solid white;

  /* The GitHub button is a primary button
   * edit this to target it specifically! */
  ${props => props.primary && css`
    background: white;
    color: palevioletred;
  `}
`
```

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  /* The GitHub button is a primary button
```

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Getting started

Installation

To download styled-components run:

```
npm install --save styled-components
```

That's all you need to do, you are now ready to use it in your app! (yep, no build step needed 👌)

> **NOTE**
>
> It's recommended (but not required) to also use the styled-components Babel plugin if you can. It offers many benefits like more legible class names, server-side rendering compatibility, smaller bundles, and more.

Your first styled component

```json
   3      "version": "0.1.0",
   4      "private": true,
   5      "dependencies": {
   6        "@testing-library/jest-dom": "^4.2.4",
   7        "@testing-library/react": "^9.4.1",
   8        "@testing-library/user-event": "^7.2.1",
   9        "react": "^16.13.0",
  10        "react-dom": "^16.13.0",
  11        "react-scripts": "3.4.0"
  12      },
  13      "scripts": {
  14        "start": "react-scripts start",
  15        "build": "react-scripts build",
  16        "test": "react-scripts test",
  17        "eject": "react-scripts eject"
  18      },
  19      "eslintConfig": {
```

JS package.json > {} dependencies

⌄ REACT-THE-COMPLETE-G...

  > 📁 CourseGoalIt...
  ⌄ 📁 CourseGoalList
      ⧉ CourseGoal...
      JS CourseGoal...
  ⌄ 📁 CourseInput
      ⧉ CourseInput...
      JS CourseInput...
  > 📁 UI
  ⧉ App.css
  JS App.js
  ⧉ index.css
  JS index.js
  🔴 .gitignore
  ⬡ package-lock.json
  ⬡ package.json
  ℹ README.md

> OUTLINE
> NPM SCRIPTS

PROBLEMS   OUTPUT   **TERMINAL**   ···   1: node ⌄

On Your Network: http://192.168.178.53:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

Create React App

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Adding a CSS Modules Stylesheet

Note: this feature is available with `react-scripts@2.0.0` and higher.

This project supports CSS Modules alongside regular stylesheets using the `[name].module.css` file naming convention. CSS Modules allows the scoping of CSS by automatically creating a unique classname of the format `[filename]\_[classname]\_\_[hash]`.

Tip: Should you want to preprocess a stylesheet with Sass then make sure to follow the installation instructions and then change the stylesheet file extension as follows: `[name].module.scss` or `[name].module.sass`.

CSS Modules let you use the same CSS class name in different files without worrying about naming clashes. Learn more about CSS Modules here.

Button.module.css

```
.error {
  background-color: red;
}
```

another-stylesheet.css

```css
.error {
  color: red;
}
```

Button.module.css
another-stylesheet.css
Button.js
Result

Button.js

```js
import React, { Component } from 'react';
import styles from './Button.module.css'; // Import css modules stylesheet as styles
import './another-stylesheet.css'; // Import regular stylesheet

class Button extends Component {
  render() {
    // reference as a js object
    return <button className={styles.error}>Error Button</button>;
  }
}
```

Result

No clashes from other `.error` class names

```html
<!-- This button has red background but not red text -->
<button class="Button_error_ax7yz">Error Button</button>
```

This is an optional feature. Regular `<link>` stylesheets and CSS files are fully supported. CSS Modules are turned on for files ending with the `.module.css` extension.