



facebook / react

Watch

6.6k

★ Star

149k

Fork

28.8k

Code

Issues 488

Pull requests 98

Actions

Projects 0

Wiki

Security 0

Insights

### Join GitHub today

GitHub is home to over 50 million developers working together to host and review code, manage projects, and build software together.

Sign up

A declarative, efficient, and flexible JavaScript library for building user interfaces. <https://reactjs.org>

javascript react frontend declarative ui library

13,236 commits

71 branches

0 packages

131 releases

1,384 contributors

MIT














Branch: master

New pull request

Find file

Clone or download

gaearon	eslint-plugin-react-hooks@4.0.2	✓ Latest commit 43063fd 1 hour ago
📁 .circleci	Fix wrong command in config.yml (#18624)	28 days ago
📁 .codesandbox	chore: Build react-dom/server in codesandbox CI (#18679)	23 days ago
📁 .github	Update stale.yml	last month
📁 fixtures	[Blocks] Scaffolding react-fetch + first pass at node implementation (#...	yesterday
📁 packages	eslint-plugin-react-hooks@4.0.2	1 hour ago
📁 scripts	Add experimental ReactDOM.createEventHandle (#18756)	21 hours ago
📄 .editorconfig	https link to editorconfig.org (#18421)	2 months ago
📄 .eslintignore	Import React DevTools v4	9 months ago
📄 .eslintrc.js	Rename Flight to Transport (#18808)	10 days ago
📄 .gitattributes	.gitattributes to ensure LF line endings when we should	6 years ago
📄 .gitignore	Make Flow work with your editor (#18664)	25 days ago
📄 .mailmap	Update .mailmap (#17177)	7 months ago
📄 .nvmrc	Update nvmrc to the same one used in CI (#18623)	28 days ago
📄 .prettierrignore	Import React DevTools v4	9 months ago
📄 .prettierrc.js	Bump Prettier (#17811)	4 months ago
📄 .watchmanconfig	.watchmanconfig must be valid json (#16118)	10 months ago
📄 AUTHORS	Update authors for v16 (#10861)	3 years ago

 .nvmrc	Update nvmrc to the same one used in CI (#18623)	28 days ago
 .prettierrignore	Import React DevTools v4	9 months ago
 .prettierrc.js	Bump Prettier (#17811)	4 months ago
 .watchmanconfig	.watchmanconfig must be valid json (#16118)	10 months ago
 AUTHORS	Update authors for v16 (#10861)	3 years ago
 CHANGELOG.md	Changelog for 16.13.1	2 months ago
 CODE_OF_CONDUCT.md	Adopt Contributor Covenant (#16613)	9 months ago
 CONTRIBUTING.md	[Gatsby] "https://facebook.github.io/react/" -> "https://reactjs.org/" (	3 years ago
 LICENSE	Drop the year from Facebook copyright headers and the LICENSE file. (#...	2 years ago
 README.md	chore: npm link more directly (#18428)	2 months ago
 SECURITY.md	Create SECURITY.md (#15784)	4 months ago
 appveyor.yml	Revert "Move MS Windows build to CircleCI (#17984)" (#18302)	2 months ago
 babel.config.js	Babel 7 (#16297)	9 months ago
 dangerfile.js	fix sizebot - point correctly to circleci artifact (#17975)	3 months ago
 netlify.toml	add netlify toml file (#12350)	2 years ago
 package.json	Revert "deps: update ESLint version to v7 (#18897)" (#18899)	22 hours ago
 yarn.lock	Revert "deps: update ESLint version to v7 (#18897)" (#18899)	22 hours ago

## README.md

React • license MIT npm v16.13.1 circleci passing PRs welcome

React is a JavaScript library for building user interfaces.

- **Declarative:** React makes it painless to create interactive UIs. Design simple views for each state in your application, and React will efficiently update and render just the right components when your data changes. Declarative views make your code more predictable, simpler to understand, and easier to debug.
- **Component-Based:** Build encapsulated components that manage their own state, then compose them to make complex UIs. Since component logic is written in JavaScript instead of templates, you can easily pass rich data through your app and keep state out of the DOM.
- **Learn Once, Write Anywhere:** We don't make assumptions about the rest of your technology stack, so you can develop new features in React without rewriting existing code. React can also render on the server using Node and power mobile apps using [React Native](#).

[Learn how to use React in your own project.](#)

## Installation

React has been designed for gradual adoption from the start, and **you can use as little or as much React as you need:**

- Use [Online Playgrounds](#) to get a taste of React.
- [Add React to a Website](#) as a `<script>` tag in one minute.

## Installation

---

React has been designed for gradual adoption from the start, and you can use as little or as much React as you need:

- Use [Online Playgrounds](#) to get a taste of React.
- [Add React to a Website](#) as a `<script>` tag in one minute.
- [Create a New React App](#) if you're looking for a powerful JavaScript toolchain.

You can use React as a `<script>` tag from a [CDN](#), or as a `react` package on [npm](#).

## Documentation

---

You can find the React documentation [on the website](#).

Check out the [Getting Started](#) page for a quick overview.

The documentation is divided into several sections:

- [Tutorial](#)
- [Main Concepts](#)
- [Advanced Guides](#)
- [API Reference](#)
- [Where to Get Support](#)
- [Contributing Guide](#)

You can improve it by sending pull requests to [this repository](#).

## Examples

---

We have several examples [on the website](#). Here is the first one to get you started:

```
function HelloMessage({ name }) {
  return <div>Hello {name}</div>;
}

ReactDOM.render(
  <HelloMessage name="Taylor" />,
  document.getElementById('container')
);
```

This example will render "Hello Taylor" into a container on the page.

You'll notice that we used an HTML-like syntax; we call it [JSX](#). JSX is not required to use React, but it makes code more readable, and writing it feels like writing HTML. If you're using React as a `<script>` tag, read [this section](#) on integrating JSX; otherwise, the [recommended JavaScript toolchains](#) handle it automatically.

## Contributing

---

The main purpose of this repository is to continue to evolve React core, making it faster and easier to use. Development of React happens in the open on GitHub, and we are grateful to the community for contributing bugfixes and improvements. Read below to learn how you can take part in improving React.

### [Code of Conduct](#)

- [Contributing Guide](#)

You can improve it by sending pull requests to [this repository](#).

## Examples

We have several examples [on the website](#). Here is the first one to get you started:

```
function HelloMessage({ name }) {
  return <div>Hello {name}</div>;
}

ReactDOM.render(
  <HelloMessage name="Taylor" />,
  document.getElementById('container')
);
```

This example will render "Hello Taylor" into a container on the page.

You'll notice that we used an HTML-like syntax; we call it **JSX**. JSX is not required to use React, but it makes code more readable, and writing it feels like writing HTML. If you're using React as a `<script>` tag, read [this section](#) on integrating JSX; otherwise, the [recommended JavaScript toolchains](#) handle it automatically.

## Contributing

The main purpose of this repository is to continue to evolve React core, making it faster and easier to use. Development of React happens in the open on GitHub, and we are grateful to the community for contributing bugfixes and improvements. Read below to learn how you can take part in improving React.

### Code of Conduct

Facebook has adopted a Code of Conduct that we expect project participants to adhere to. Please read [the full text](#) so that you can understand what actions will and will not be tolerated.

### Contributing Guide

Read our [contributing guide](#) to learn about our development process, how to propose bugfixes and improvements, and how to build and test your changes to React.

### Good First Issues

To help you get your feet wet and get you familiar with our contribution process, we have a list of [good first issues](#) that contain bugs which have a relatively limited scope. This is a great place to get started.

### License

React is [MIT licensed](#).

