# recharts

2.12.7 • Public • Published 3 months ago

Readme

Code Beta

8 Dependencies

1,627 Dependents

240 Versions

# Recharts


## Introduction

Recharts is a **Redefined** chart library built with React and D3.

The main purpose of this library is to help you to write charts in React applications without any pain. Main principles of Recharts are:

1. **Simply** deploy with React components.
2. **Native** SVG support, lightweight depending only on some D3 submodules.
3. **Declarative** components, components of charts are purely presentational.

Documentation at **recharts.org** and our **storybook (WIP)**

Please see **the wiki** for FAQ.

All development is done on the `master` branch. The current latest release and storybook documentation reflects what is on the `release` branch.

# Examples

```
<LineChart width={400} height={400} data={data} margin={{ top: 5, righ
  <XAxis dataKey="name" />
  <Tooltip />
  <CartesianGrid stroke="#f5f5f5" />
  <Line type="monotone" dataKey="uv" stroke="#ff7300" yAxisId={0} />
  <Line type="monotone" dataKey="pv" stroke="#387908" yAxisId={1} />
</LineChart>
```

All the components of Recharts are clearly separated. The lineChart is composed of x axis, tooltip, grid, and line items, and each of them is an independent React Component. The clear separation and composition of components is one of the principle Recharts follows.

# Installation

### npm

NPM is the easiest and fastest way to get started using Recharts. It is also the recommended installation method when building single-page applications (SPAs). It pairs nicely with a CommonJS module bundler such as Webpack.

```
# latest stable
$ npm install recharts
```

### umd

The UMD build is also available on unpkg.com:

```
<script src="https://unpkg.com/react/umd/react.production.min.js"></sc
<script src="https://unpkg.com/react-dom/umd/react-dom.production.min.
<script src="https://unpkg.com/recharts/umd/Recharts.min.js"></script>
```

Then you can find the library on `window.Recharts` .

### dev build

```
$ git clone https://github.com/recharts/recharts.git
$ cd recharts
$ npm install
$ npm run build
```

## Demo

To examine the demos in your local build, execute:

```
$ npm run[-script] demo
```

and then browse to **http://localhost:3000**.

## Storybook

We are in the process of unifying documentation and examples in storybook. To run it locally, execute

```
$ npm run[-script] storybook
```

and then browse to **http://localhost:6006**.

## Releases

**Releases** are automated via GH Actions - when a new release is created in GH, CI will trigger that:

1. Runs a build
2. Runs tests
3. Runs `npm publish`

Version increments and tagging are not automated at this time.

### Release testing

Until we can automate more, it should be preferred to test as close to the results of `npm publish` as we possibly can. This ensures we don't publish unintended breaking changes. One way to do that is using `yalc - npm i -g yalc`.

1. Make your changes in recharts
2. `yalc publish` in recharts
3. `yalc add recharts` in your test package (ex: in a vite or webpack reach app with recharts installed, imported, and your recent changes used)
4. `npm install`
5. Test a local run, a build, etc.

## Module Formats

- babel-plugin-recharts A simple transform to cherry-pick Recharts modules so you don't have to. **Note: this plugin is out of date and may not work with 2.x**

## Thanks


Thanks to **Chromatic** for providing the visual testing platform that helps us review UI changes and catch visual regressions.

## License

MIT



## Keywords

react reactjs chart react-component

### Install

```
> npm i recharts
```

### Repository

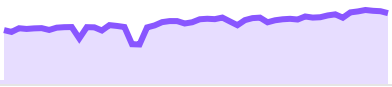
github.com/recharts/recharts

### Homepage

github.com/recharts/recharts

### Weekly Downloads

1,796,826



### Version

2.12.7

### License

MIT

### Unpacked Size

4.65 MB

### Total Files

291

### Issues

547

### Pull Requests

8

### Last publish

## 3 months ago

### Collaborators

>_Try on RunKit

Report malware

### Support

Help

Advisories

Status

Contact npm

### Company

About

Blog

Press

## Terms & Policies

Policies

Terms of Use

Code of Conduct

Privacy