

A stylized graphic of a pink book cover with a white bookmark sticking out of the top right corner. A large white letter 'S' is centered on the cover.

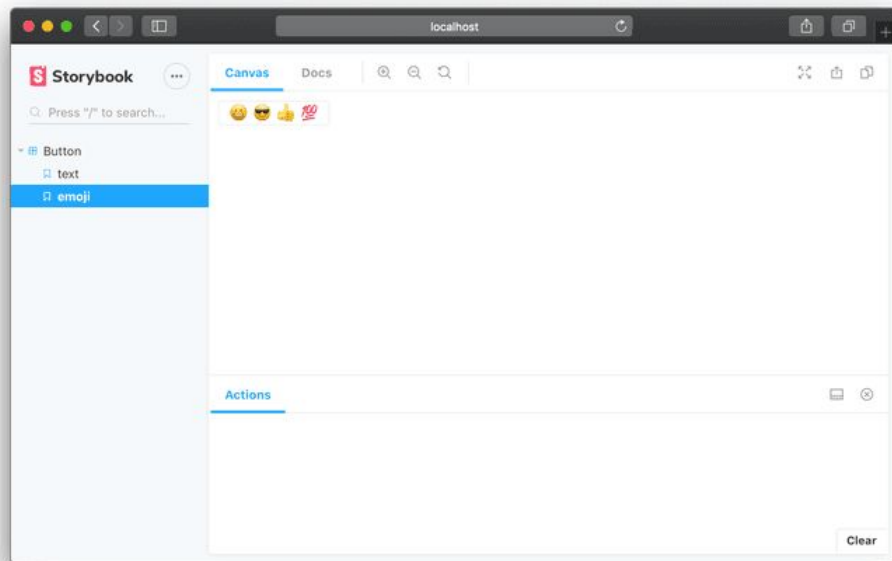
# Storybook

2019-10-06



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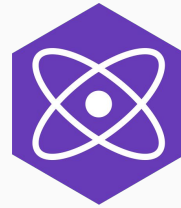
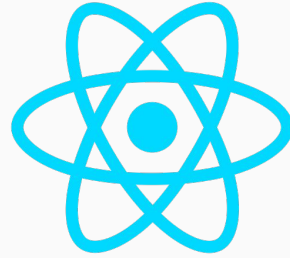
# What is Storybook?

Storybook is a user interface development environment and playground for UI components. The tool enables developers to create components independently and showcase components interactively in an isolated development environment.

Storybook runs outside of the main app so users can develop UI components in isolation without worrying about app specific dependencies and requirements.

# Supported Frameworks

- React
- React Native
- Vue
- Angular
- Polymer
- Ember
- Preact
- Riot
- Mithril
- ...





# Writing Stories (React)

## Automatic Setup

```
npx -p @storybook/cli sb init --type react
```

## Manual Setup

- Add dependencies
- Add an npm script
- Create the config file
- Write your stories
- Run your Storybook

## Step 1: Add dependencies

### → Add @storybook/react

Add @storybook/react to your project. To do that, run:

```
npm install @storybook/react --save-dev
```

### → Add react, react-dom, @babel/core, and babel-loader

Make sure that you have react, react-dom, @babel/core, and babel-loader in your dependencies as well because we list these as a peer dependencies:

```
npm install react react-dom --save  
npm install babel-loader @babel/core --save-dev
```



## Step 2: Add an npm script

Then add the following NPM script to your `package.json` in order to start the storybook later in this guide:

```
{
  "scripts": {
    "storybook": "start-storybook"
  }
}
```



## Step 3: Create the config file

For a basic Storybook configuration, the only thing you need to do is tell Storybook where to find stories.

To do that, create a file at `.storybook/config.js` with the following content:

```
import { configure } from '@storybook/react';

configure(require.context('../src', true, /\.stories\.js$/), module);
```

```
import { configure } from '@storybook/react';

configure([
  require.context('../src/components', true, /\.stories\.js$/)
  require.context('../lib', true, /\.stories\.js$/)
], module);
```





## Step 4: Write your stories

Now create a `../src/index.stories.js` file, and write your first story like this:

```
import React from 'react';
import { action } from '@storybook/addon-actions';
import Button from './Button';

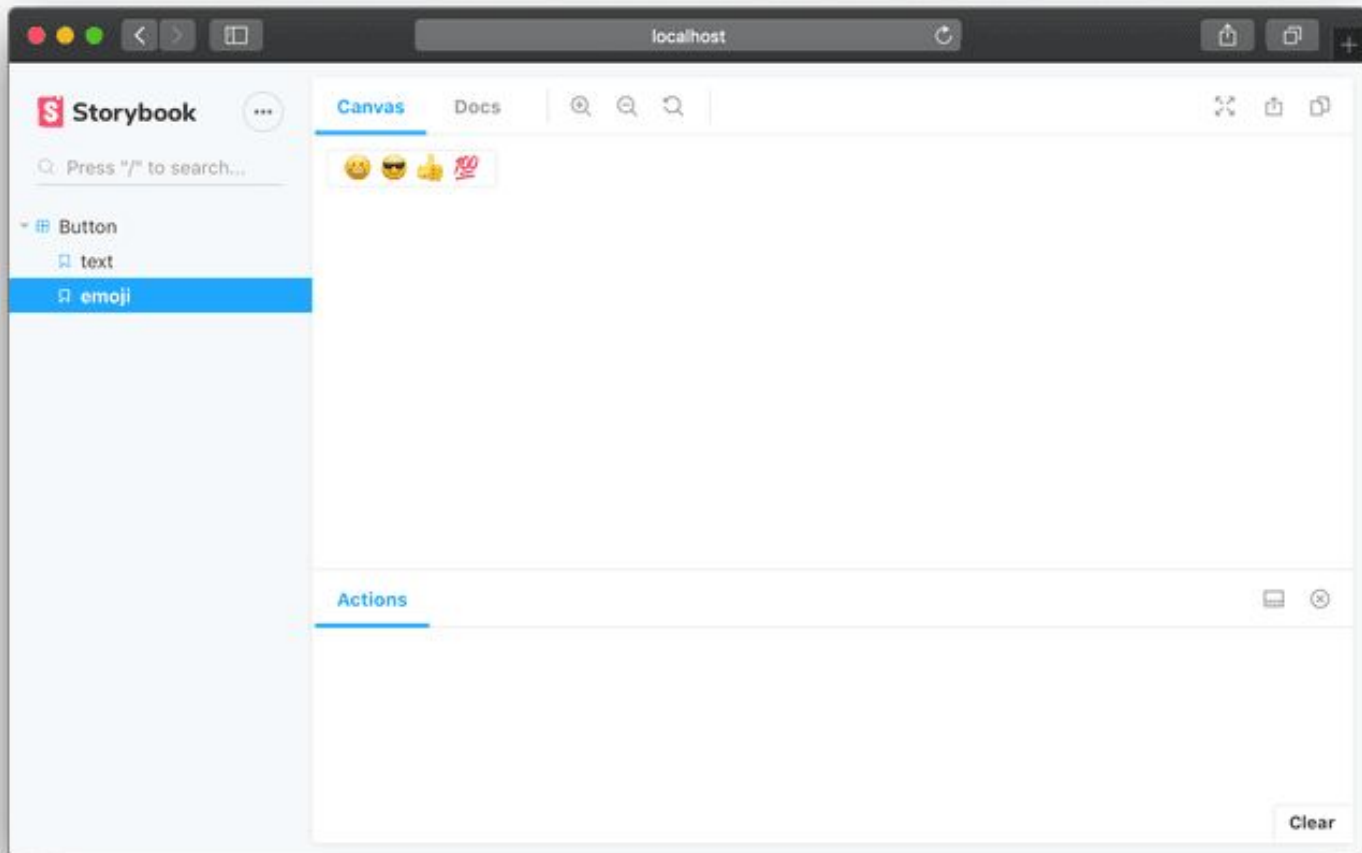
export default {
  component: Button,
  title: 'Button',
};

export const text = () => <Button onClick={action('clicked')}>Hello
Button</Button>;

export const emoji = () => (
  <Button onClick={action('clicked')}>
    <span role="img" aria-label="so cool">
      😊 😎 👍 🏆
    </span>
  </Button>
);
```



# Finally: Run your Storybook





# Live Examp~~le~~x

- ❖ React - <https://storybookjs.now.sh/official-storybook/>
- ❖ Vue - <https://storybookjs.now.sh/vue-kitchen-sink/>
- ❖ Angular - <https://storybookjs.now.sh/angular-cli/>
- ❖ Ember - <https://storybookjs.now.sh/ember-cli/>



**Thank You**