



Storybook



Date

@April 10, 2023

What is StoryBook and why we should use it?

Storybook is a user interface development environment that allows developers to create and showcase UI components in isolation.

It helps in developing UI components independently of the app's business logic and makes it easier to identify and fix issues. It is also useful for documenting the UI components and its props, cases and other useful information.

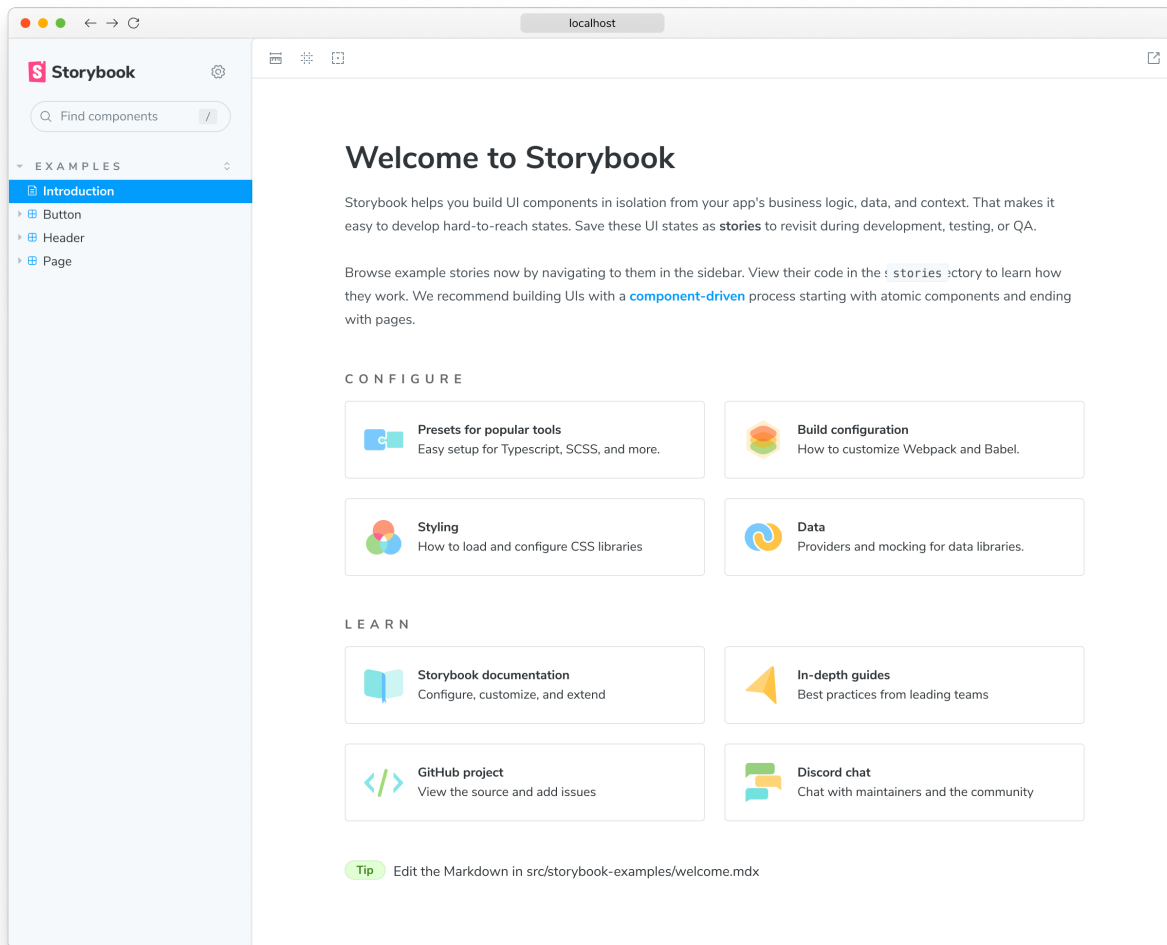
Developers use Storybook to create a library of components that can be easily shared and reused across their applications. By isolating the components, developers can focus on developing and testing them without worrying about the surrounding code. This helps to speed up the development process and ensure that components are consistent and reliable.

In addition to developing and testing components, Storybook can also be used to document them. Developers can add descriptions, usage examples, and other documentation to each component, making it easier for other developers to understand how to use them.

How to install and run Storybook.

Storybook comes with a CLI that helps you integrate it with your project, this has to be in an existing project, not an empty directory, if you want to use it first you have to create the React, Vue, Vite, or angular project, then run `npx storybook init`, the cli will detect the framework you are using and setup everything for you.

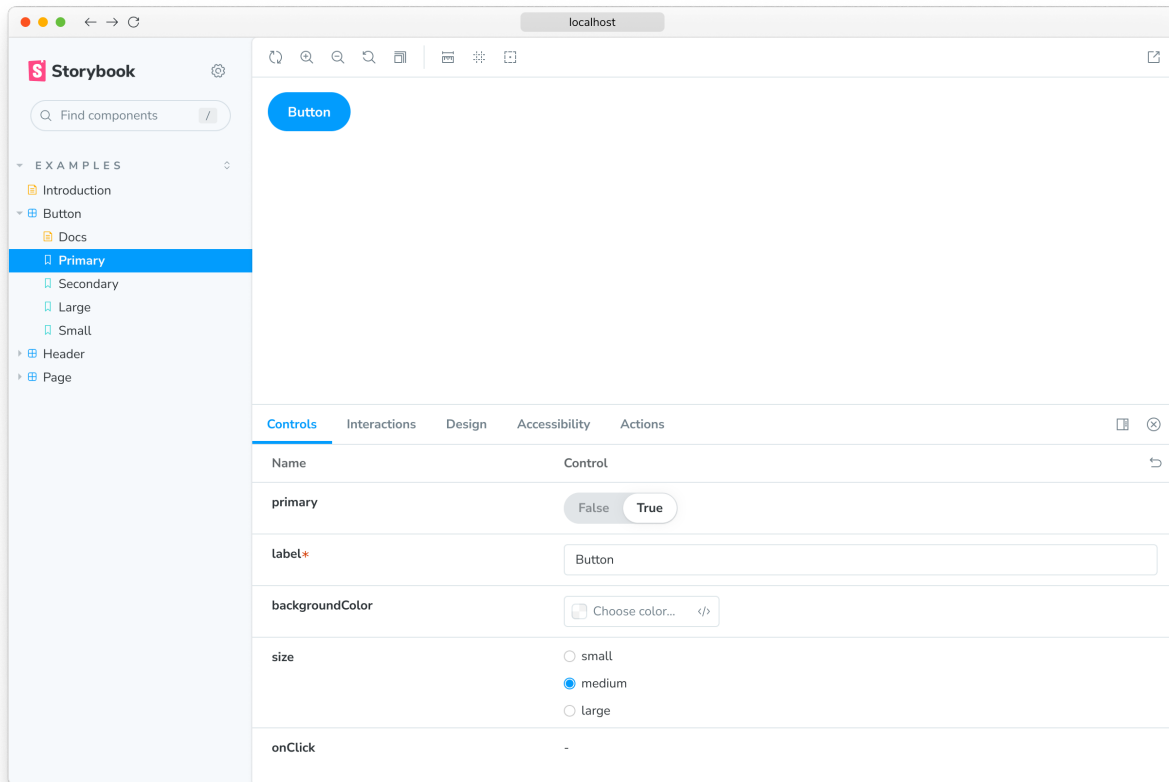
Once that is finished you can run `npm run storybook` and then it will open the web browser



Stories and how to use them.

Stories are a representation of a state or edge case for a component, we as developers must write a story for every case a component has, for example a button component has three states or cases: primary, disabled and a error.

the developer writes one story for Button, DisabledButton and ErrorButton which show how the button component behave and what props they take.



```
// Button.stories.js|jsx

import React from 'react';

import { Button } from './Button';

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

export const Primary = {
  args: {
    label: 'Button',
    primary: true,
  },
};
```