

React-Storybook

Design, Develop, Document and Debug
your UI components



MARIE-LAURE THURET

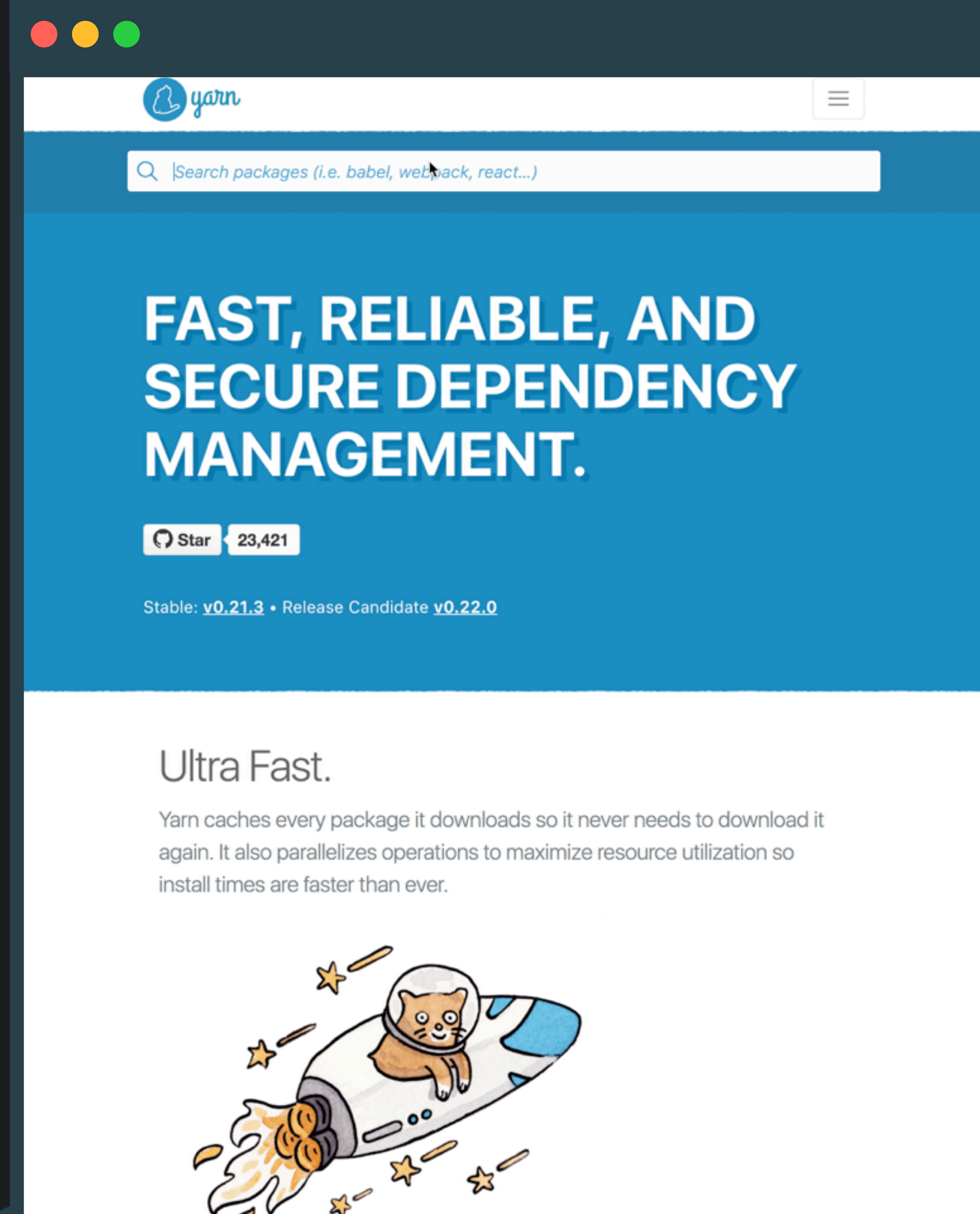
Developer at  algolia

 @mlthuret

MARIE-LAURE THURET

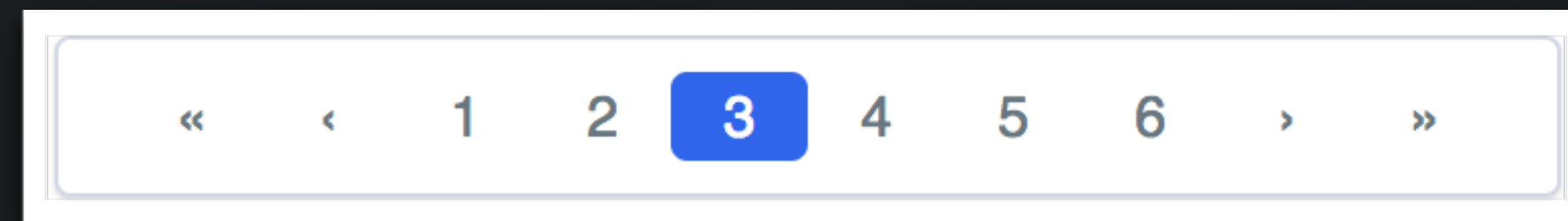
 @mlthuret

Developer at

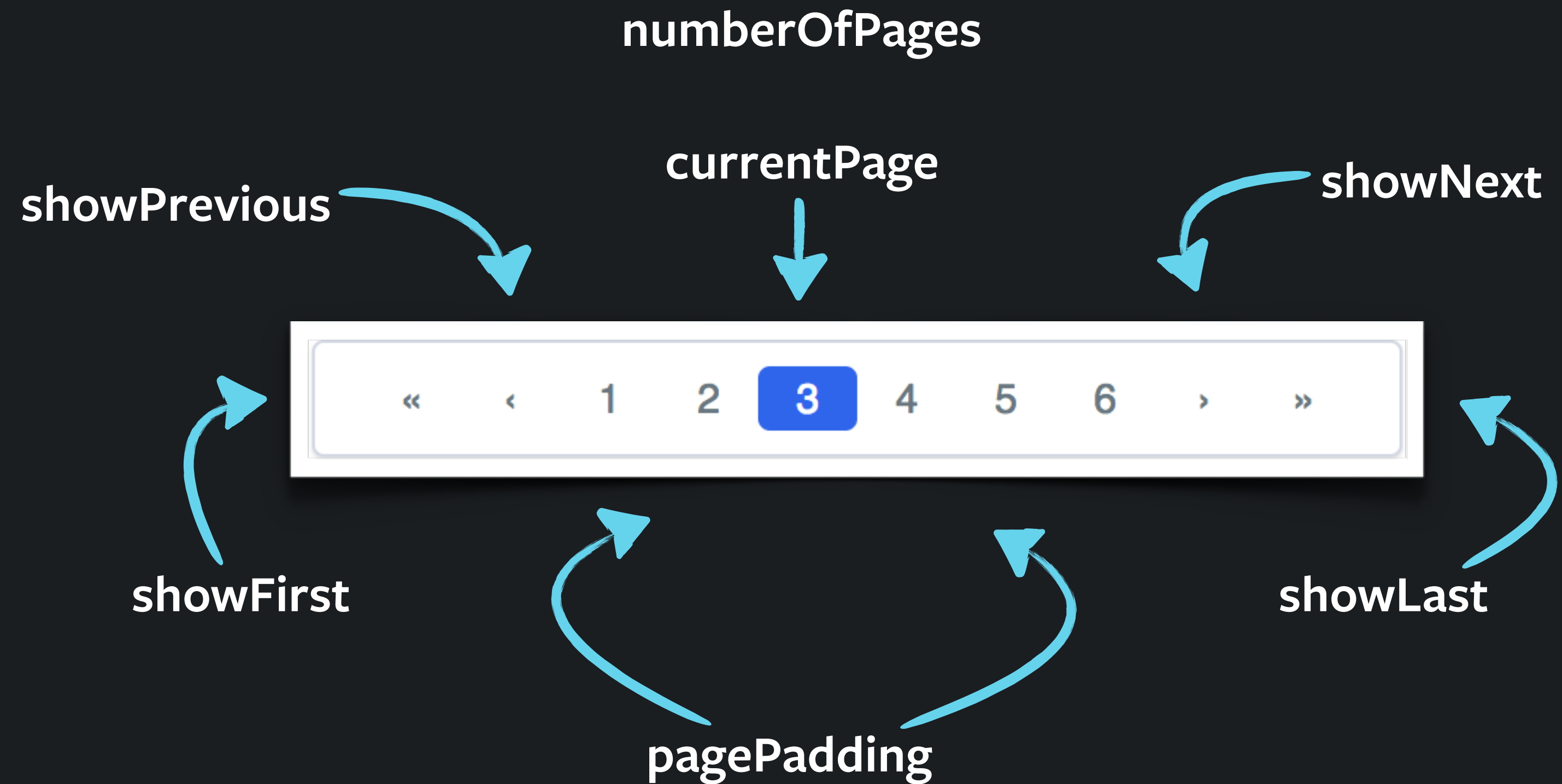


A UI component often relies on
several states

A simple pagination component

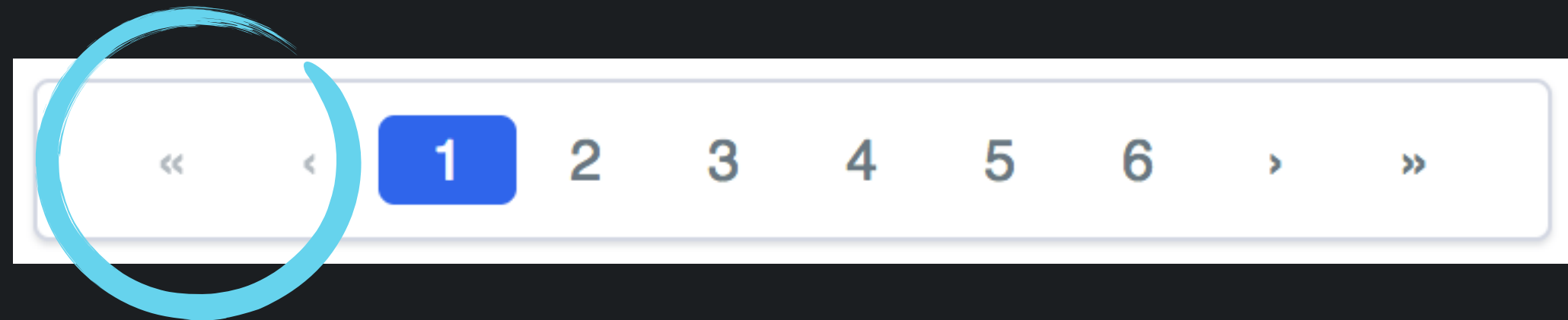


A simple pagination component

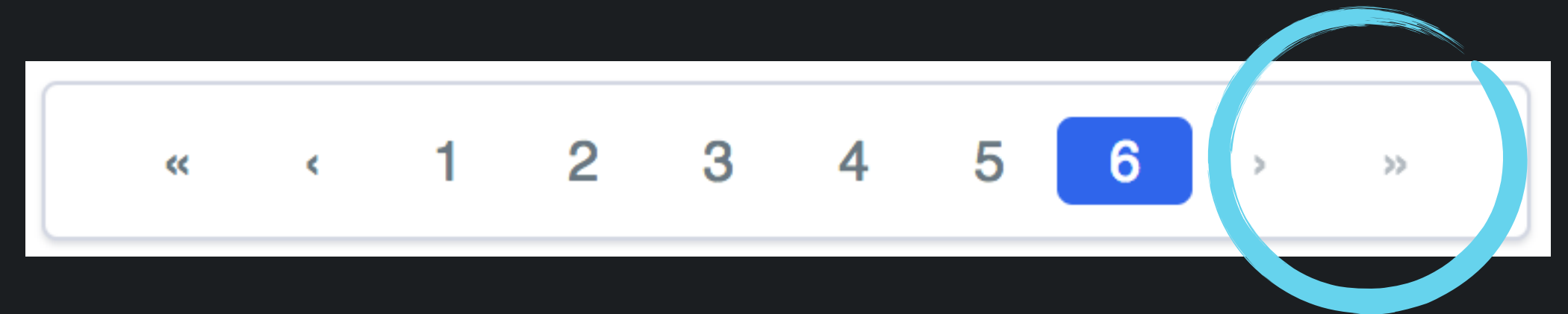


A simple pagination component

currentPage = 1




currentPage = 6 and nbPages = 6



expect buttons to be disabled

How do we make sure
they are
well documented



React STORYBOOK

isolated environment to quickly **develop** and **design**
your components thanks to **hot reloading**

React STORYBOOK



Arunoda Susiripala

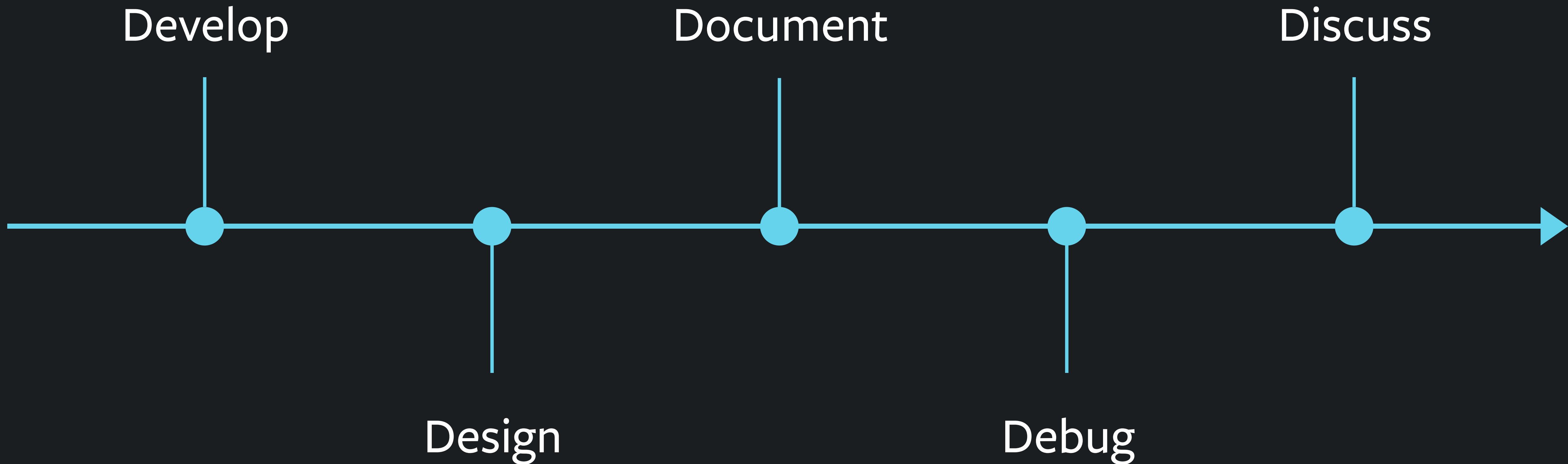
★ 10,906



Muhammed Thanish

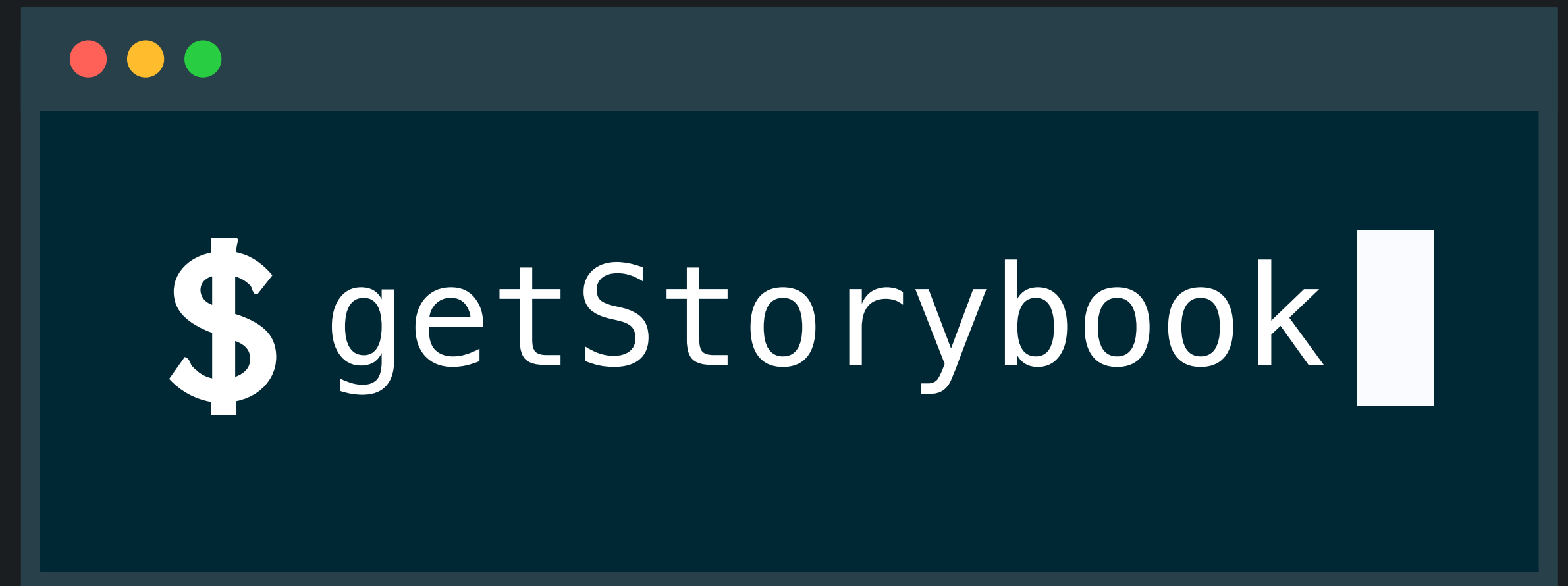
github.com/storybooks/react-storybook

Development Lifecycle

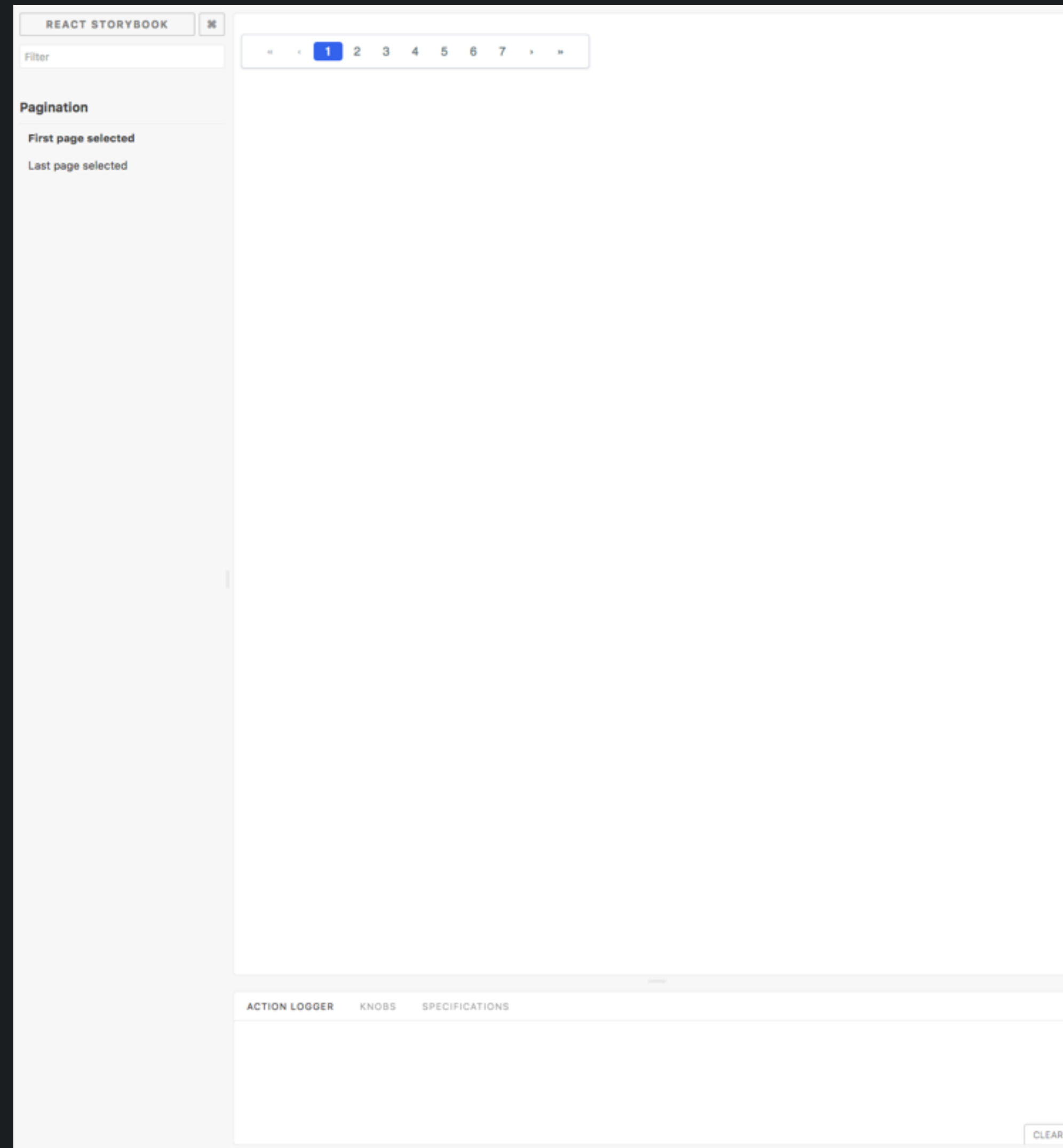


Getting Started

Easy to install
Ready for iterating
quickly



Storybook interface



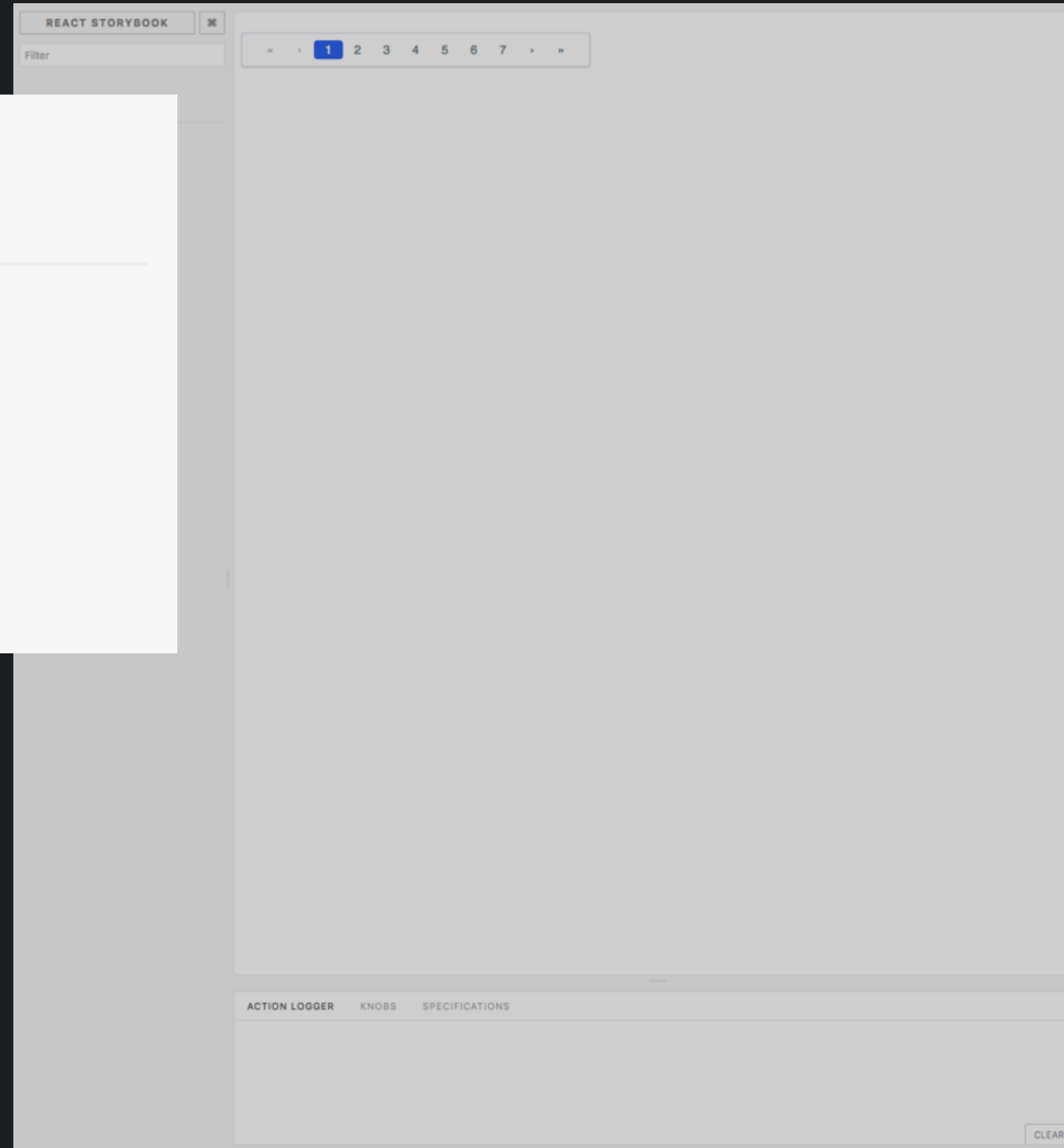
Storybook interface

Pagination

First page selected

Last page selected

List of the
stories



Storybook interface

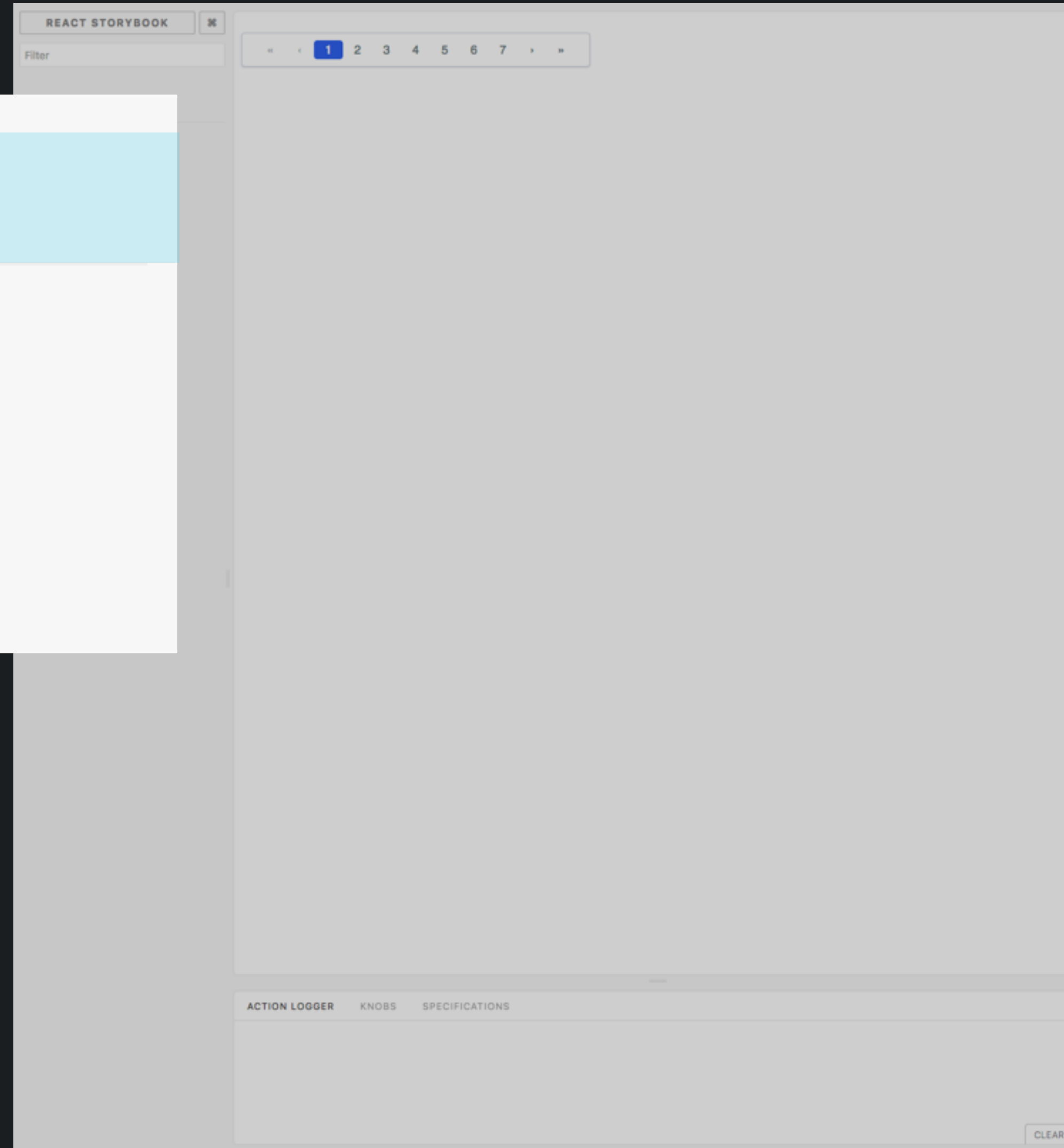
Stories kind

Pagination

First page selected

Last page selected

List of the
stories



Storybook interface

Stories kind

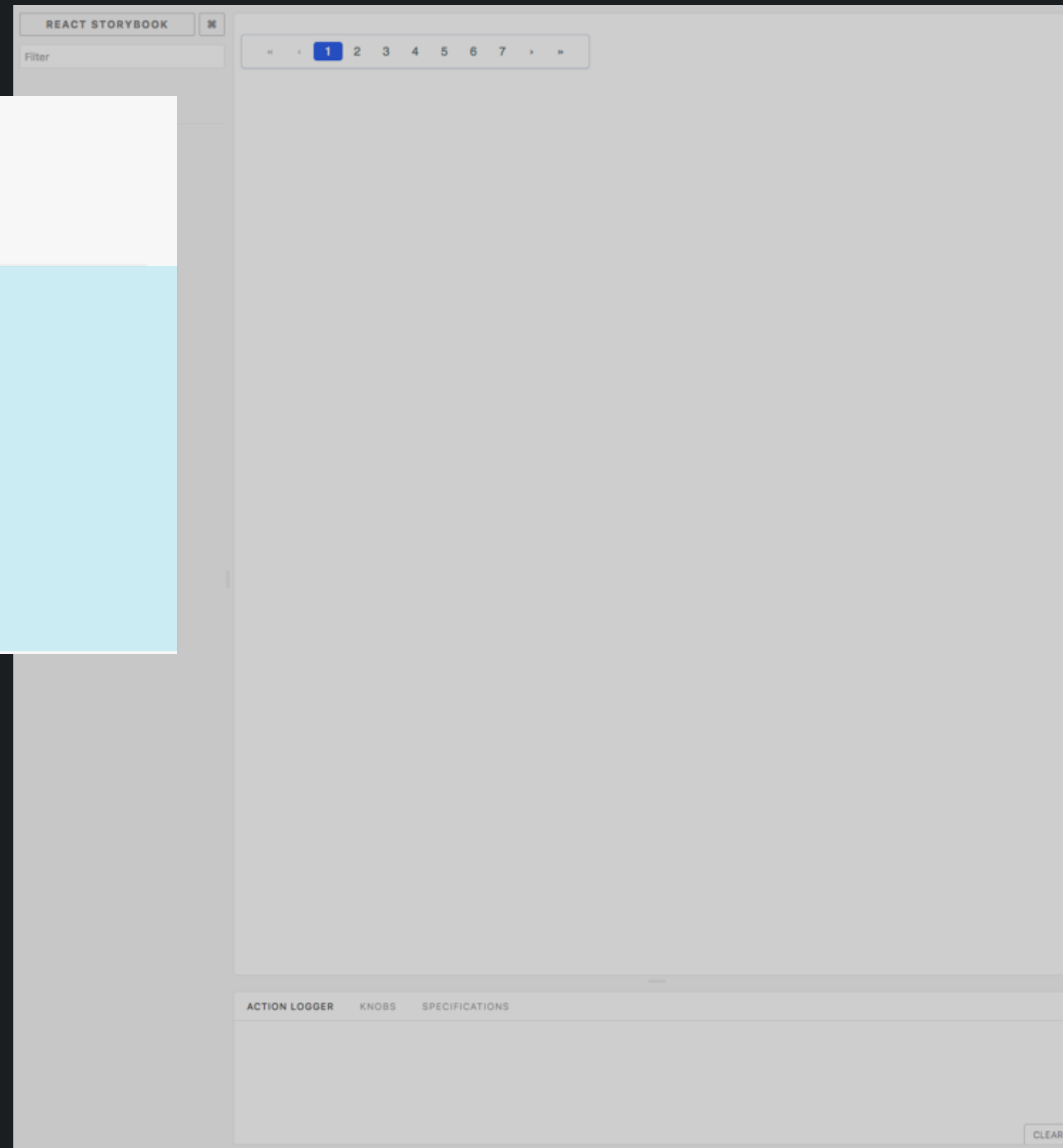
Pagination

First page selected

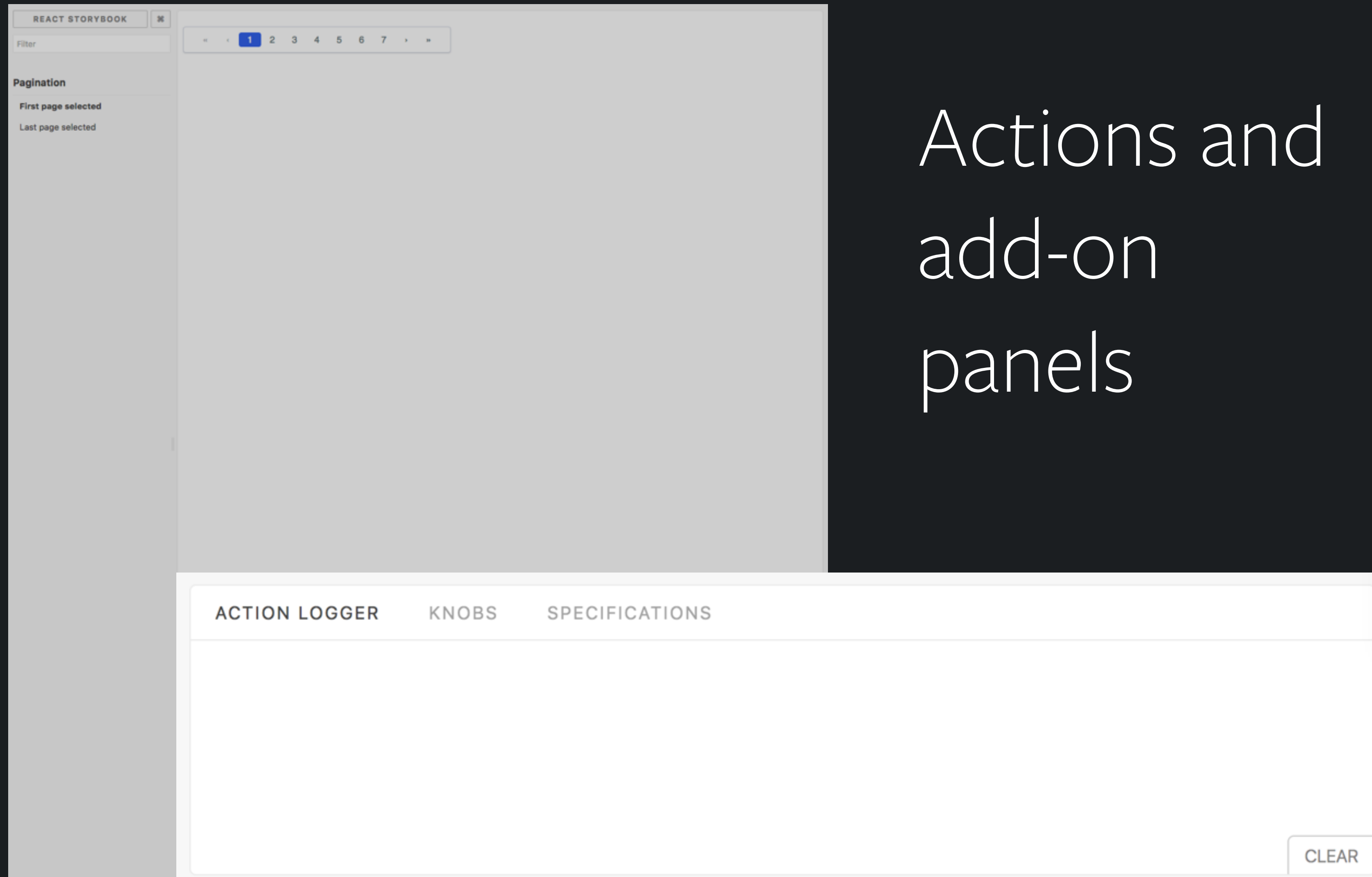
Last page selected

List of the
stories

Stories



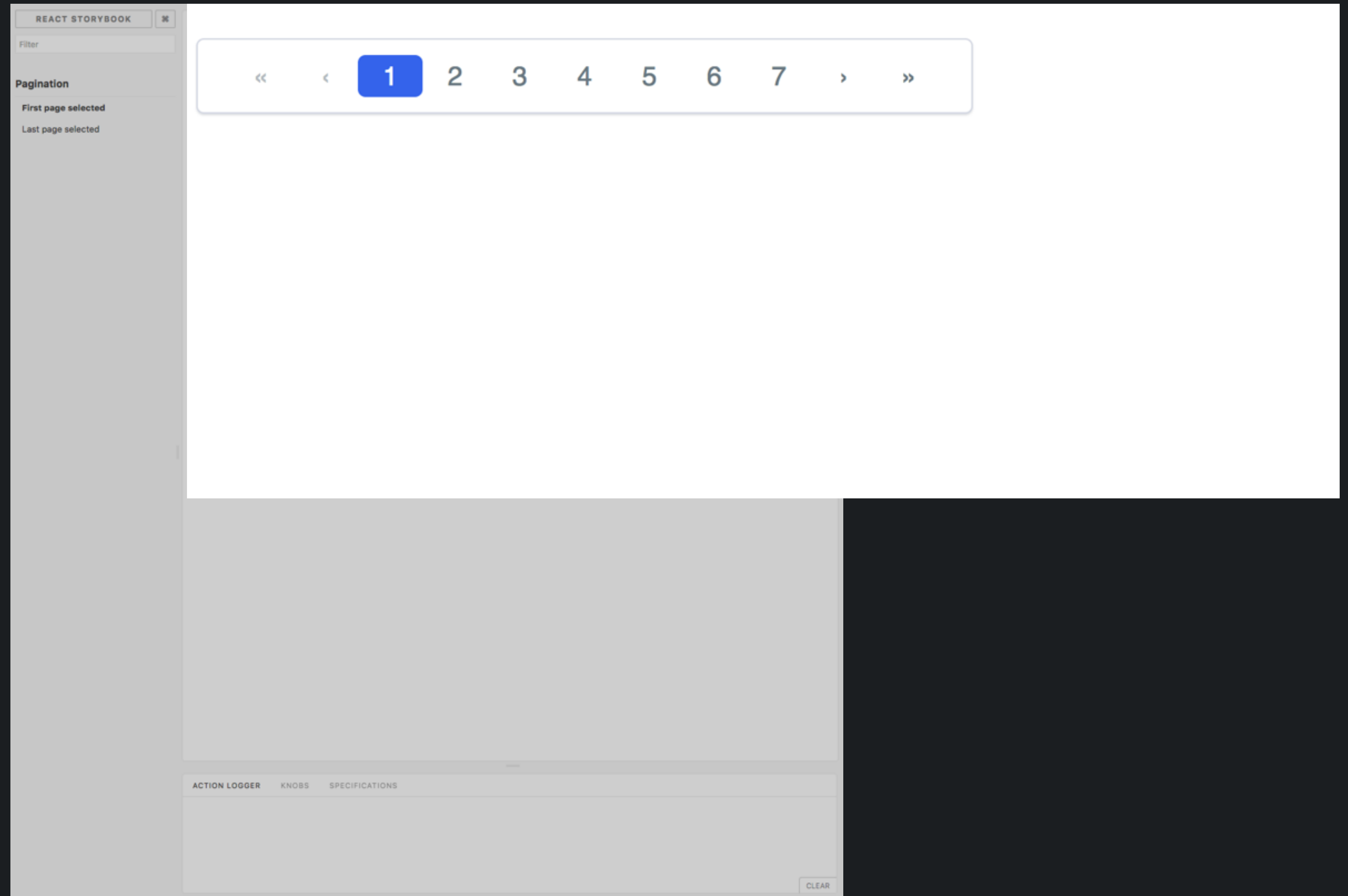
Storybook interface



Actions and
add-on
panels

Storybook interface

Component
view



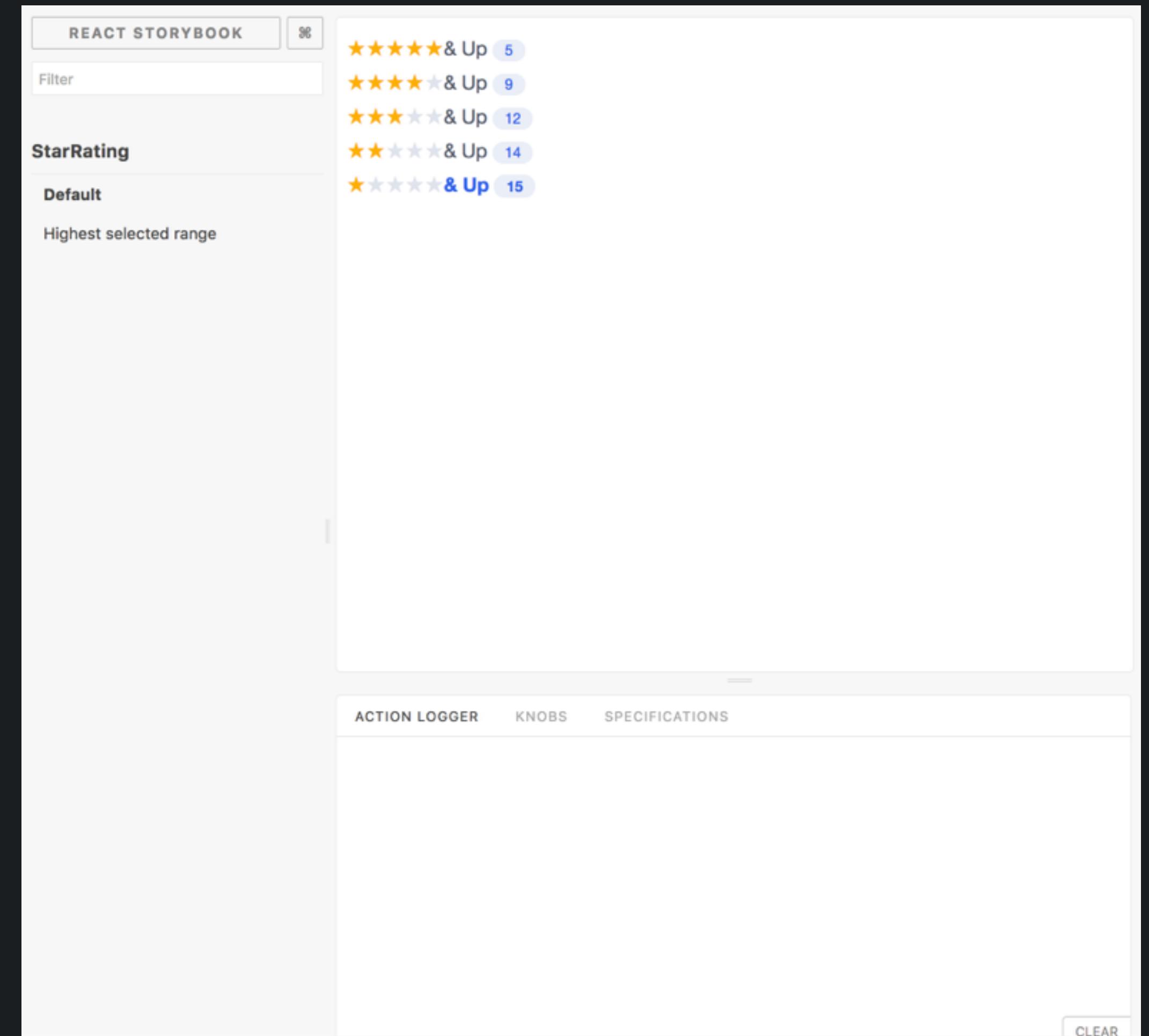
Demo

API First

Create live documentation

Create live documentation

Document **style** and
behaviour



Create live documentation


How can I use a component?

```
stories.add('default', () => {
  const story = <StarRating
    createURL={() => '#'}
    refine={linkTo('StarRating', 'another Range')}
    min={number('min', 1)}
    max={5}
    currentRefinement={{min: 1, max: 5}}
    count={[{value: '1', count: 1},
      {value: '2', count: 2},
      {value: '3', count: 3},
      {value: '4', count: 4},
      {value: '5', count: 5}]}
    canRefine={true}
  />;

  return story;
});
```


Examples

How do we make sure
the documentation
never breaks



We need to
add tests

Storyshots

Testing **markup** through **snapshot testing**

Tests are your application's
specifications

Specs add-on

Explicit behaviour by adding tests next to your stories

Demo

what about ?
maintenance ●

Debug and enhance

Entry point to start when adding a new feature

Small environment to debug efficiently

Communicate with
others

Communicate with others

When submitting
a Pull Request

fix(StarRating): usage with filters #1933

Merged bobyrito merged 1 commit into v2 from fix/star-rating-filters 14 days ago

Conversation 1 Commits 1 Files changed 4



mthuret commented 15 days ago • edited

Member + 🗨️ ✎

<https://deploy-preview-1933--algolia-instantsearch.netlify.com/instantsearch.js/react/storybook/?selectedKind=StarRating&selectedStory=with%20filter%20on%20rating&full=0&down=1&left=1&panelRight=1&downPanel=kadirahq%2Fstorybook-addon-knobs>

fix(StarRating): usage with filters

6db



✓ bobyrito approved these changes 14 days ago

View changes

Looks cool!! 👍



bobyrito merged commit 667e9d5 into v2 14 days ago

2 checks passed

View details

REACT-INSTANTSEARCH



StarRating



StarRating

default

with panel

with panel but no refinement

with filter on rating

playground

Widget display

★★★★★ & Up

★★★★★ & Up 1250

★★★★★ & Up 2488


★★★★★ & Up 3761

★★★★★ & Up

★★★★★ & Up

Results

Communicate with others



RyanTheAllmighty commented 3 days ago

Do you want to request a *feature* or report a *bug*?
Maybe both? May not be something considered before now or something that was missed out in testing.

Bug: What is the current behavior?
When an item in a `<MultiRange />` is selected it cannot be unselected by clicking the same item again.

Bug: What is the expected behavior?
When I click on an already selected item in a `<MultiRange />`
Then that item should unselect and no longer be filtering results based on it

Bug: What browsers are impacted? Which versions?
From what I can tell this is not something which is browser based

Feature: What is your use case for such a feature?
To be able to unselect an active Range without having to select another range

REACT-INSTANTSEARCH

MultiRange

MultiRange

default

with a default range selected

with some non selectable ranges

Widget display

☐ <\$10

☐ \$10-\$100

☐ \$100-\$500

☐ >\$500

While this could be unselected using the `<CurrentRefinements />` widget, I believe it's better suited to also have it available in the `<MultiRange />` component also.

What project are you opening an issue for?

- react-instantsearch

What is the version you are using? Always use the latest one before opening a bug issue.
2.2.5


When opening
issues

Communicate with others

Fix Toggle component used with CurrentRefinements #1

Merged mthuret merged 1 commit into `algolia:v2` from `klacointe:fix_toggle_with_current_refinements` 27 days ago

Conversation 5 Commits 1 Files changed 3

 klacointe commented 27 days ago Contributor

Steps to reproduce:

1. Use Toggle with CurrentRefinements
2. Click on Toggle component
3. Refinement is shown in CurrentRefinements
4. Remove Refinement from CurrentRefinements
5. BUG: Toggle was not unchecked.

```
13 stories/CurrentRefinements.stories.js
... @@ -1,6 +1,6 @@
1 1 import React from 'react';
2 2 import {storiesOf} from '@kadira/storybook';
3 -import {CurrentRefinements, RefinementList} from '../packages/react-instantsearch/dom';
3 +import {CurrentRefinements, RefinementList, Toggle} from '../packages/react-instantsearch/dom';
4 4 import {withKnobs} from '@kadira/storybook-addon-knobs';
5 5 import {WrapWithHits} from './util';
6 6

@@ -20,4 +20,15 @@ stories.add('default', () =>
20 20 </div>
21 21 </div>
22 22 </WrapWithHits>
23 +).add('with toggle', () =>
24 + <WrapWithHits linkedStoryGroup="CurrentRefinements">
25 +   <div>
26 +     <CurrentRefinements />
27 +     <Toggle
28 +       attributeName="materials"
29 +       label="Made with solid pine"
30 +       value={'Solid pine'}
31 +     />
32 +   </div>
33 + </WrapWithHits>
23 34 );
```

REACT-INSTANTSEARCH

CurrentRefinement

CurrentRefinements

default

with toggle

Widget display

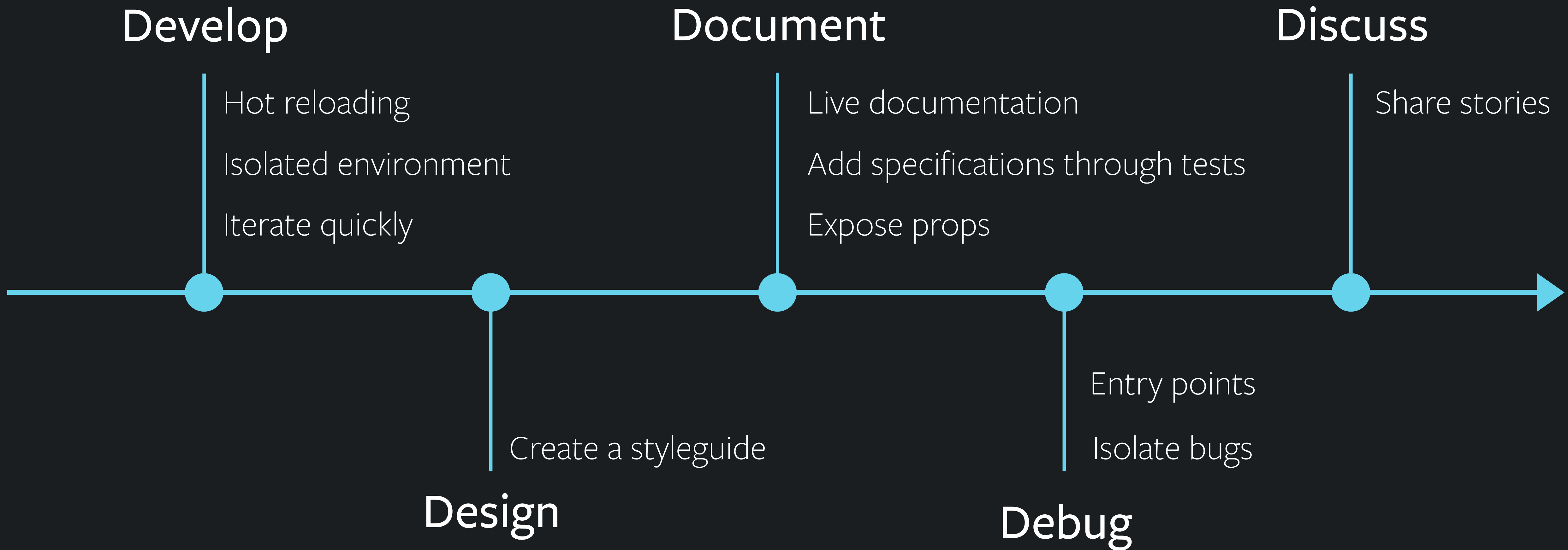
Made with solid pine X

Made with solid pine ✓

Results

When an external contributor fixes a bug

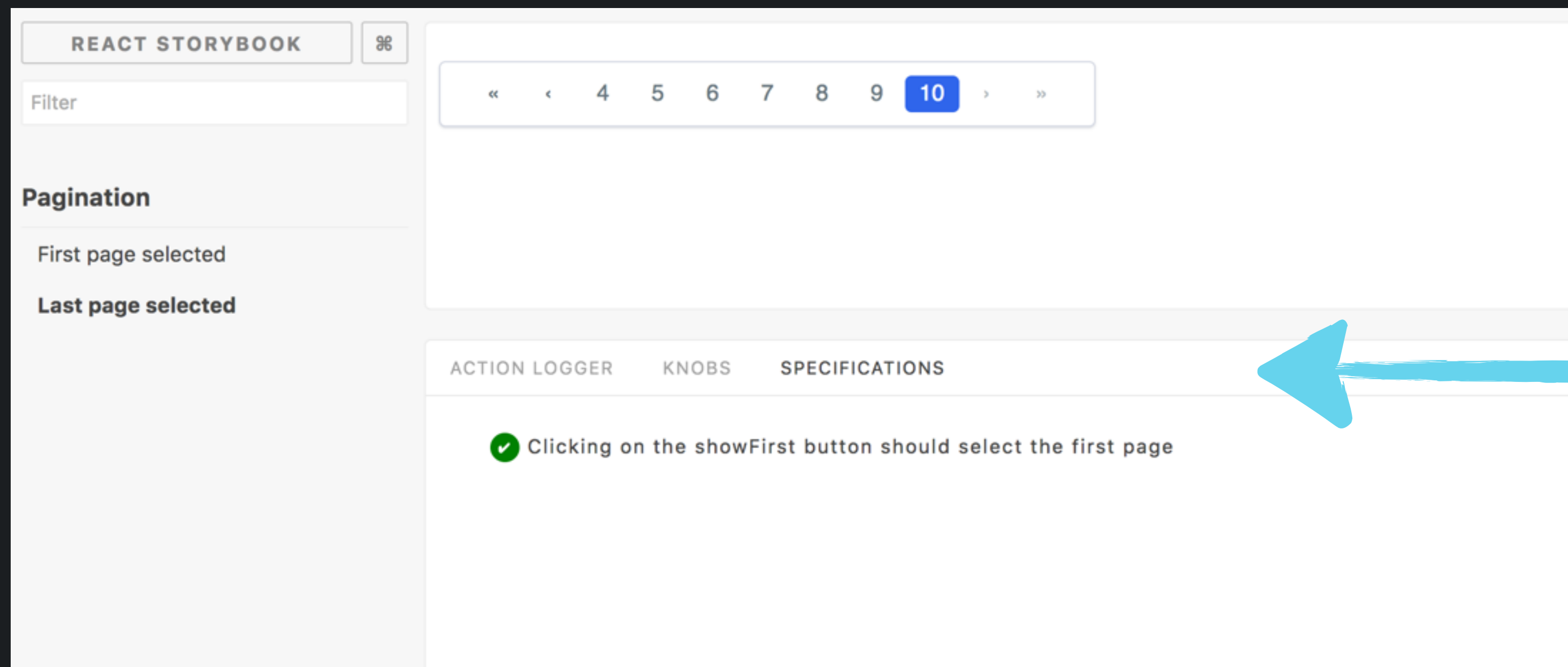
Storybook contribution during the developer journey



Why adopt React Storybook



The add-on API



It's up to you to
create
what's missing

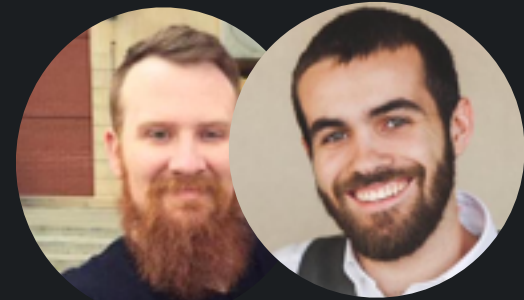
Add-ons from the community



Material-UI



Readme



Background



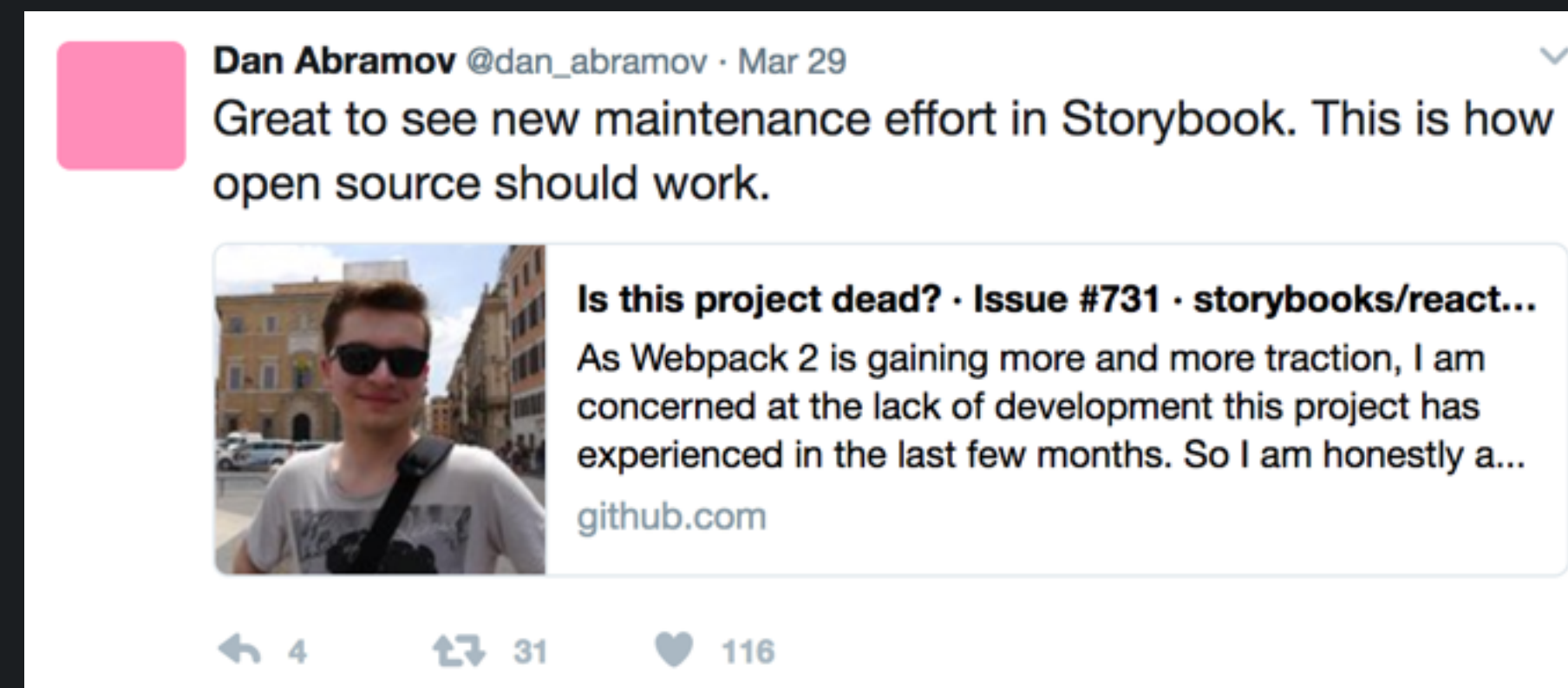
Internationalisation



Specs

And a lot of others...

Introducing the new maintainers team



Storybook 3.0

Community-driven release

Webpack 2

getStorybook for
create-react-native-app

Snapshot testing++

Hundred of fixes



What if I'm not
using
React



Thanks!



MARIE-LAURE THURET

Developer at  algolia

 @mlthuret