



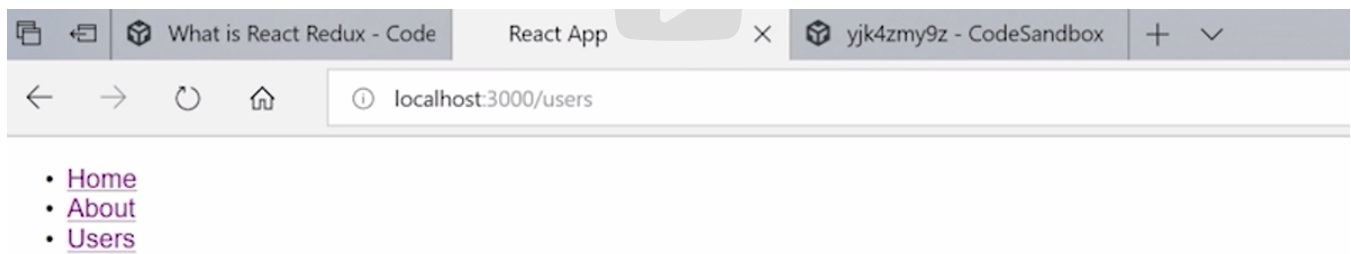
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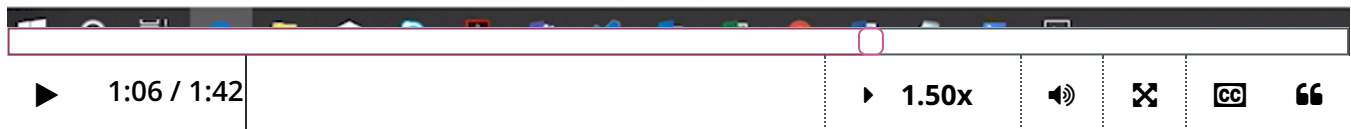
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## Setting up Redux locally





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Setting up Redux locally

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If you haven't already done so, install `create-react-app` and then create a new React project:

```
npm install -g create-react-app
create-react-app project-name
cd project-name
```

Redux does not come installed with React, so we must install the `redux` library with the following command:

```
npm install `redux` `react-redux`
```

After that, you can import the Redux methods into your `app.js` file:

```
import React from 'react'
import { render } from 'react-dom'
import { createStore } from 'redux'

//...
```

Try copying and pasting this basic example into `app.js` to get started:

```
import React from "react";
import ReactDOM from "react-dom";
import { createStore, combineReducers } from "redux";

//action creator
const addItem = item => {
  return {
    type: "ADD_ITEM",
    item: item
  };
};

//reducer
const reducer = (state = [], action) => {
  switch (action.type) {
    case "ADD_ITEM":
      return [...state, action.item];
    default:
      return state;
  }
};

var store = createStore(reducer);

console.log(store.dispatch(addItem("a")));
console.log(store.getState());
console.log(store.dispatch(addItem("b")));
console.log(store.getState());
console.log(store.dispatch(addItem("c")));
console.log(store.getState());

function App() {
  return (
    <div>
      <h1>Hello World</h1>
    </div>
  );
}

export default App;
```

