action is dispatched and
gets forwarded to
reducer

**ACTIONS**

**STORE**

**REDUCER**

**STATE**

returns
an action

**ACTION
CREATOR**

**COMPONENT
(UI)**

invokes an

action

creator

updates

the ui
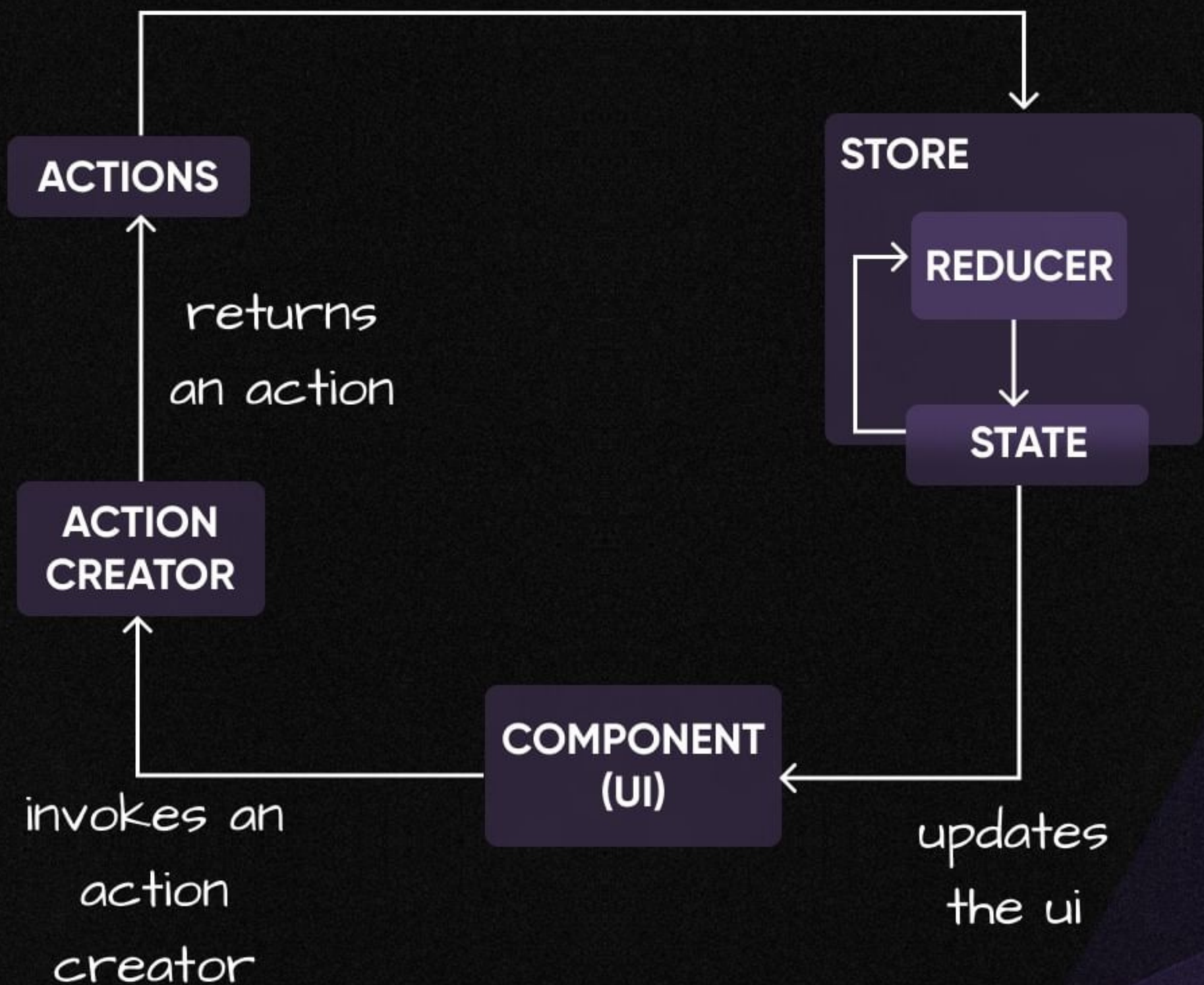
# Store Creation

In React, "store" refers to a centralized **container** that **holds the state** of your application. It's where you keep all of the data that your React components need to render, and it's managed using a **state management library** like Redux or MobX.

To create a Redux store, use the **createStore** function from the **redux** library, and pass in your root reducer as an argument.

```javascript
import { createStore } from 'redux';
import rootReducer from './reducers';

const store = createStore(rootReducer);
```

# Action Creation

Actions in Redux are plain **objects that describe changes** to the state. To create an action, define an object with a **type** property and any other data needed to describe the change.

```javascript
const addTodo = (text) => {
  return {
    type: 'ADD_TODO',
    text
  };
};
```