React-Native Fundamentals

(Application states control)

What it's a state.

The states of an application are normally associated with events that can affect the behavior of the application or the objects that comprise it.
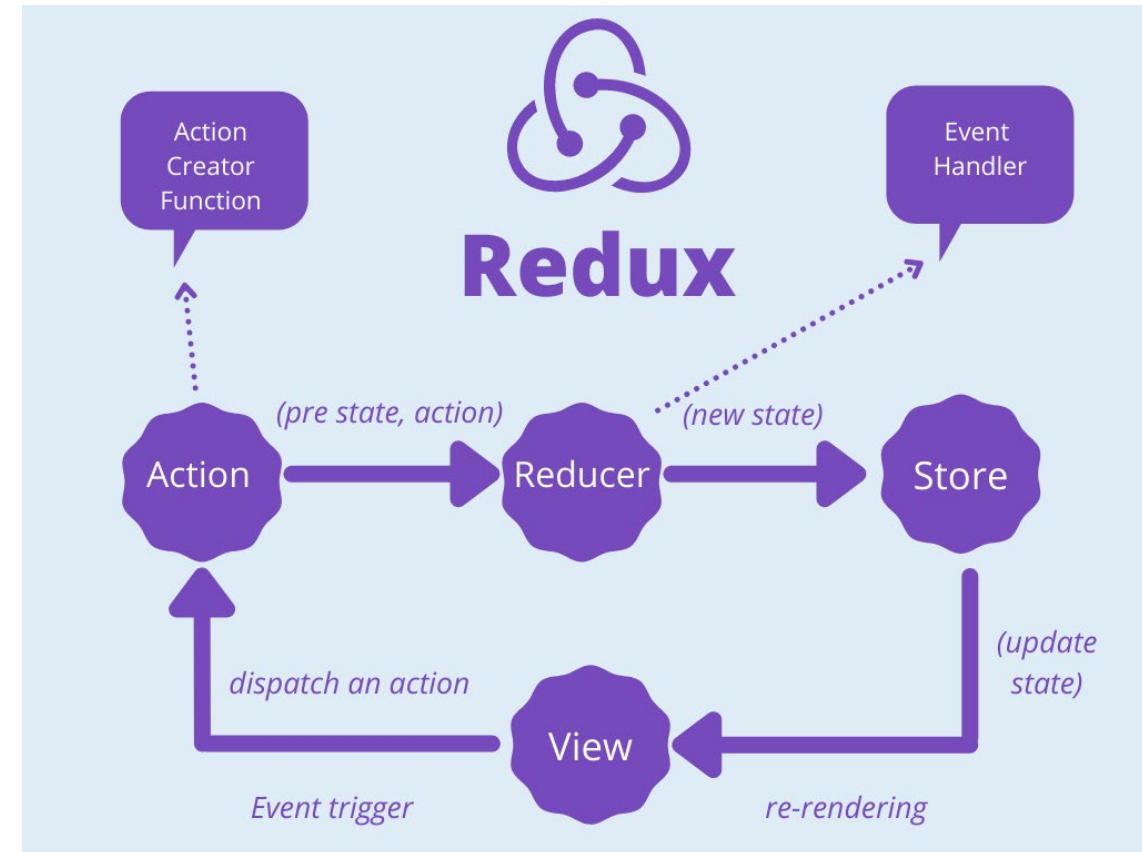
For example, pressing a button, turning the device vertically or horizontally, the same process of opening or closing the application.

Using Redux.

Redux is a JavaScript library that allows to centralize the states of an application written in React-Native.
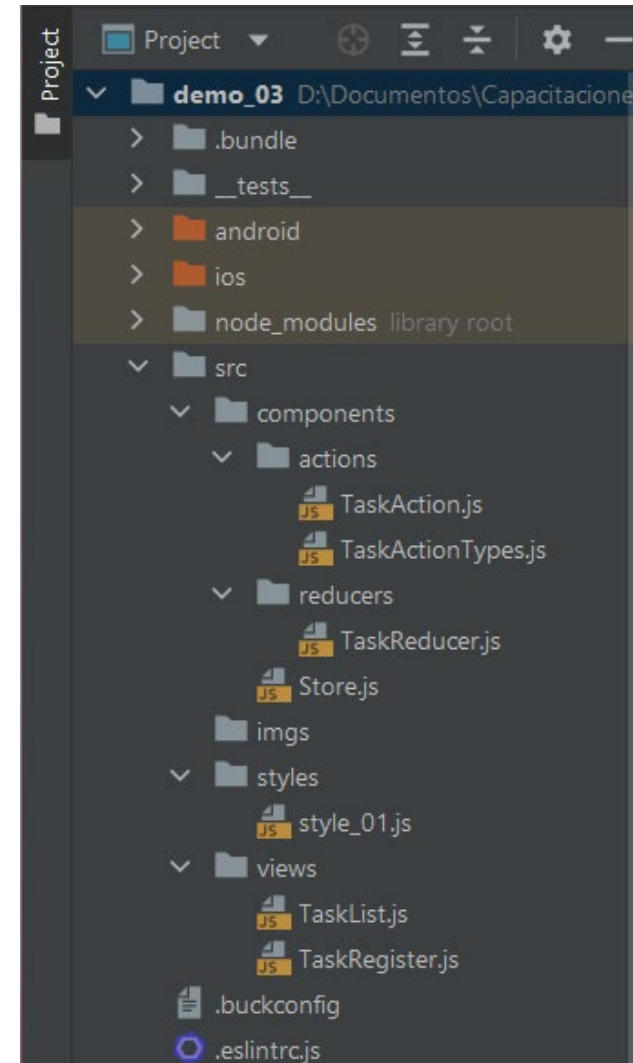
Normally the control of the state of the application and its objects is programmed in a file called **"Store"**, which makes it easy to track changes to the application when it is in use. An application can only have one **"Store"**.

The state changes are made by functions called **"Reducers"**, which take the previous state and action as a parameters, returning the next state.

TODO list example code.

It is an application for academic use that simulates the registration of a task list to be carried out.

Some components.

Components	Functions
useDispatch()	This function returns a reference to the function that you want to execute from the Redux Store.
mapStatetoProps	This function returns the data that the connected object needs and can be called at any time when the state of Redux Store changes.
connect	Link the required data with the object that requires it.
useState()	Function that returns two elements, the first is the object that contains a value, and the second is a function to be able to modify the value of the object at runtime
provider	This component makes Redux Store available to any other component that requires it.
TouchableOpacity	Is a visual object, like as a Button.