

## Understanding useReducer()

```
const [state, dispatchFn] = useReducer(reducerFn, initialState, initFn);
```

The state snapshot used in the component re-render/ re-evaluation cycle

A function that can be used to dispatch a new action (i.e. trigger an update of the state)

The initial state

A function to set the initial state programmatically

`(prevState, action) => newState`

A function that is **triggered automatically** once an action is **dispatched** (via `dispatchFn()`) – it **receives the latest state snapshot** and **should return the new, updated state**.