

Listening to Actions

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- Actions will not do anything or will not manipulate any thing.
- Actions only make announcements
- Announcements are broadcasted to all the reducers, in majority of the cases the announcement will be ignored, the Reducer that has to act on announcement will have to listen that.
- Reducers take those action announcements and update the part of the application state.

we want to click on the User list and Selected user detail should be displayed.

- We do not want to change user-list data like selected: false and based on selection it should be changed, because real data will be coming from server.
- We will create a separate component
- **Create reducer-active-user.js** file in reducers dir
- Now our application will have two pieces of memory
 - o List of users
 - o selectedUser
- The job of reducer-active-user.js will be to listen the announcement that is made by the Actions

Below code the listener for USER_SELECTED action

```
export default function(state=null, action){
  switch(action.type){
    case "USER_SELECTED":
      return action.payload;
      break;
  }
  return state;
}
```

Once you create this listener, you need to add that in combineReducers as well. Because it will provide the selectedUser state along with list of users.

```
import {combineReducers} from 'redux';
import UserReducer from './reducer-users';
import ActiveUserReducer from 'reducer-active-user';
const allReducers=combineReducers({
  users:UserReducer,
  activeUser:ActiveUserReducer
})
export default allReducers;
```