



REDUX

A PREDICTABLE STATE CONTAINER FOR JS APPS

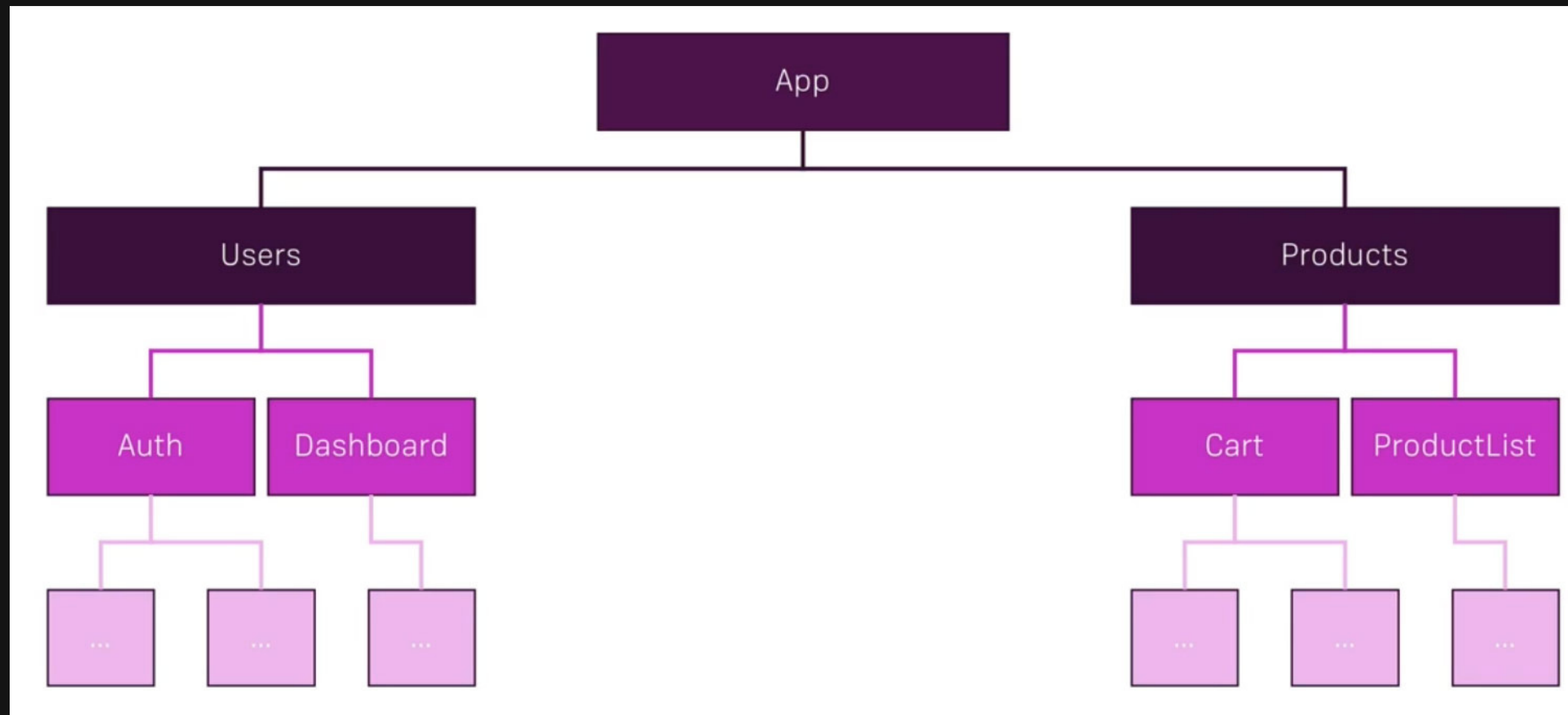
Is User Authenticated?

Is a Modal open?

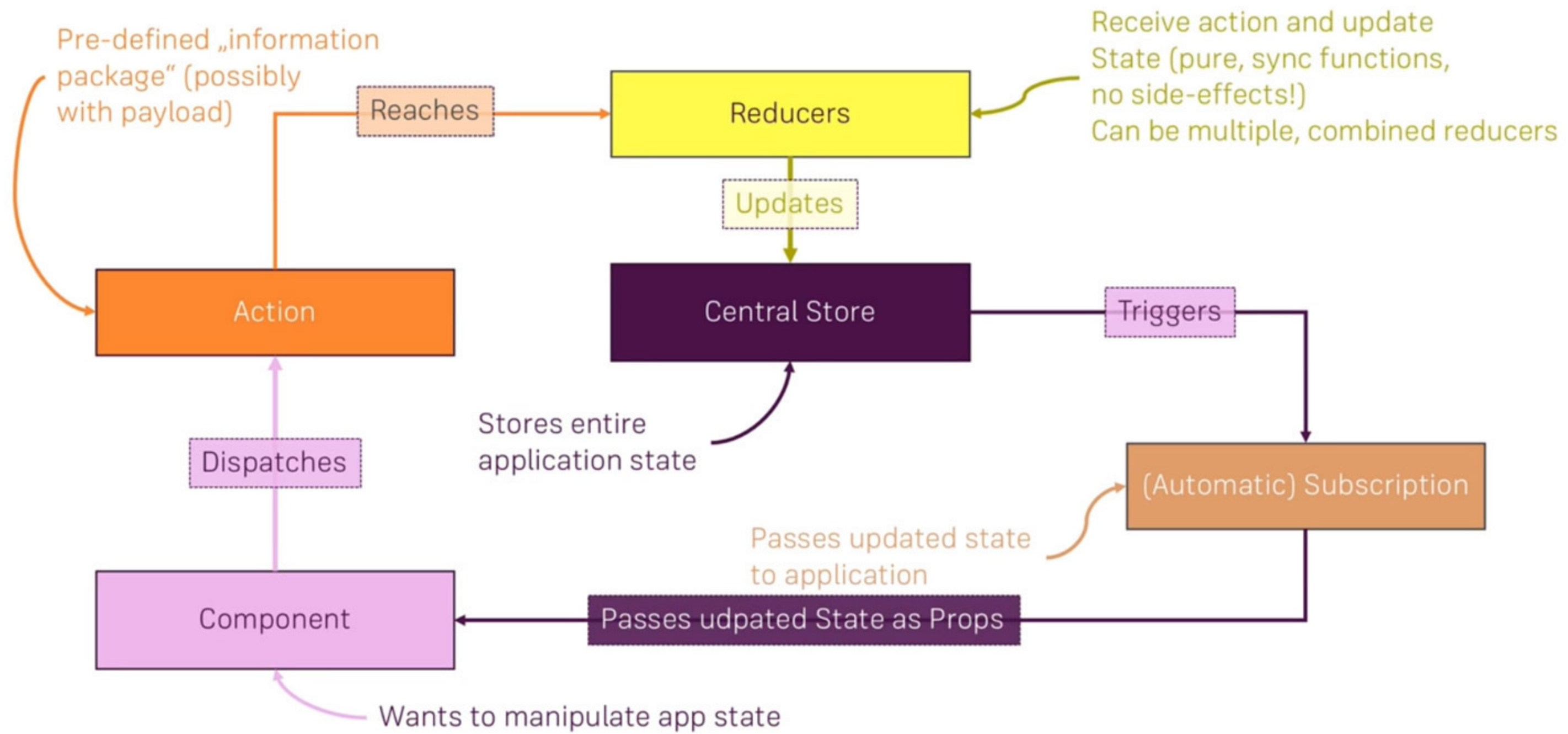
List of Blog Posts

WHAT IS A STATE?

ANY SET OF VARIABLES AT A GIVEN TIME IN AN APP



STATE CAN GET COMPLEX



THE REDUX FLOW

LET'S START CODING

LET'S RUN A SINGLE FILE EXAMPLE IN NODEJS

BINDING REDUX TO REACT

PASSING STATE IMMUTABLY

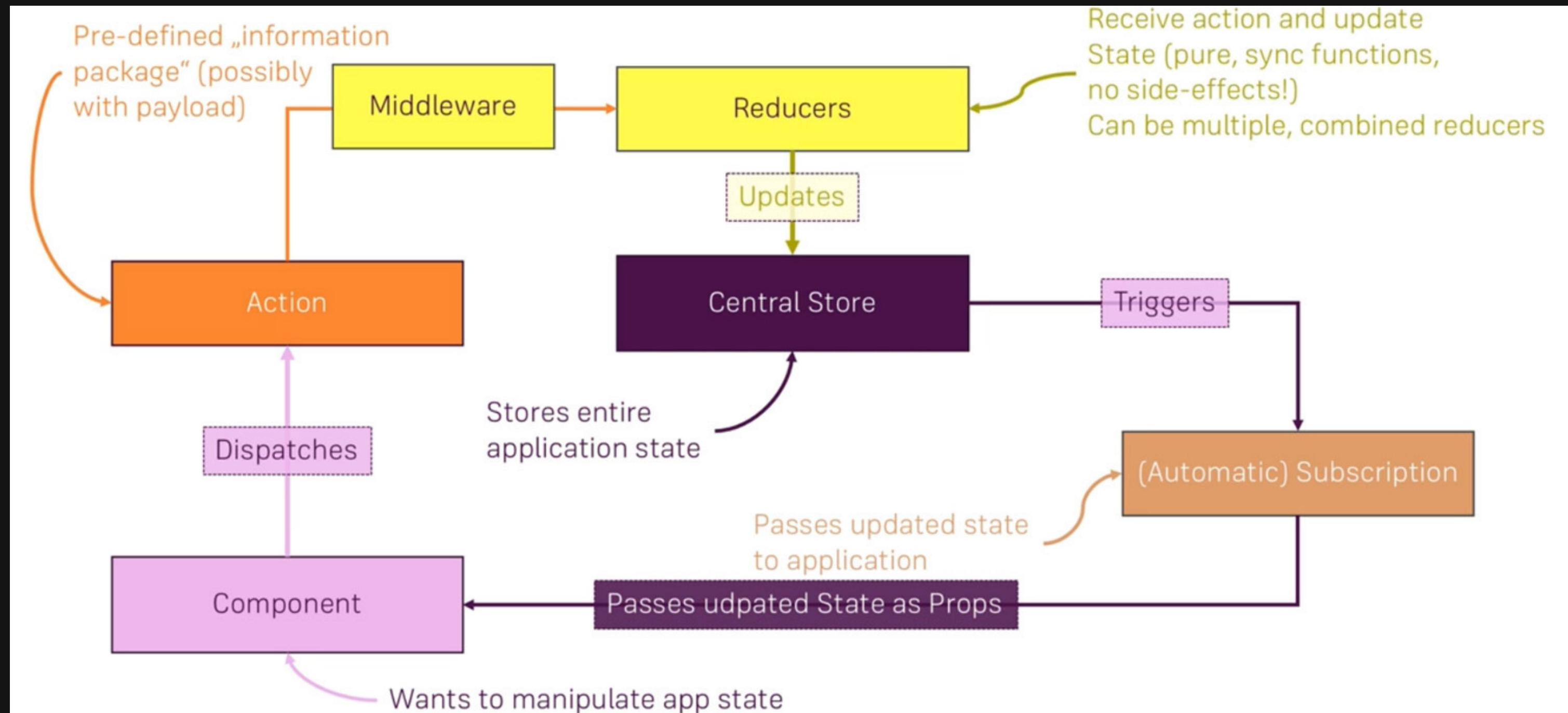
OUTSOURCING ACTION NAMES

COMBINING MULTIPLE REDUCERS

COMBINING LOCAL UI STATE AND REDUX

Type	Example	Use Redux?
Local UI State	Show / Hide Backdrop	Mostly handled within components
Persistent State	All Users, all Posts, ...	Stored on Server, relevant slice managed by Redux
Client State	Is Authenticated? Filters set by User, ...	Managed via Redux

TYPE OF STATES



MIDDLEWARE

ADVANCED REDUX

USING MIDDLEWARE

INTRODUCING ACTION CREATORS

DEALING WITH ASYNCHRONOUS CODE