React my notes

Flux is architecture

Unidirectional dataflow

Action, dispatcher store and view

Dispatcher, store and view are independent

Dispatcher: it is registry of callback method

Register: to register a store callback

Unregister: to unregister a store callback

Waitfor: to wait for the specific callback first

Dispatch: used to dispatch an action

Isdispatching: it check dispatcher is dispatching an action

Store: ( contains state and logic)

Updates themselves and emit change event to view

Views: at top to store logic, to generate action receive data from store and

Actions: payload in dispatcher are called

Life cycle hooks

Life cycle of component in 3 phases

Mounting, updating and unmounting

Mounting is having 4 methods ( putting element in dom)

1 constructor: set up initial value

2 getderivedstatefromprops: set state object based on props

3 render: output html to dom

4 componentdidmount: run statement when component is in dom

Updating

1 getderivedstatefromprops

2 shouldcomponentupdate : Boolean value react should render or not true sometimes

3 render: render html to dom with new changes

4 getsnapshotcomponentbeforeupdate: can check state and props earlier even after update

5 componentdidupdate: after component render into dom

Unmounting

Component will unmount

(when component about to remove from dom)