

- 1) Create a folder give permission
- 2) `sudo npm install -g create-react-app`
- 3) `create-react-app my-app`
- 4) `cd my-app`
- 5) `npm start`

***** if you are finding these issues *****

`echo fs.inotify.max_user_watches=524288 | sudo tee -a /etc/sysctl.conf && sudo sysctl -p`

*** **Babel** *****

<https://babeljs.io/>

*** How to install visual code on ubuntu **

<https://code.visualstudio.com/>

download .deb

* goto cmd

*goto inside download folder where is downloaded file

*`sudo dpkg -i code_1.25.1-1531323788_amd64.deb`

*** `target.getAttribute('attr`

*** add class ***

`document.getElementById("sdfds").classList.add("sel");`

*** remove class ***

`var icons = document.getElementsByClassName("checkoutPayIcons");`

`icons.className = icons[i].className.replace(" sel", "");`

`npm install`

`npm run build`

`sudo npm run build`

`npm audit fix`

**** **How to check the condition in component return**

```
<div>
  {isLoggedIn ? (
    <LogoutButton onClick={this.handleLogoutClick} />
  ) : (
    <LoginButton onClick={this.handleLoginClick} />
  )}
</div>
</div>
```

The user is `{isLoggedIn ? 'currently' : 'not'}` logged in.

`</div>`

```
{item.name.length > 0 && (
```

```
// <div className="cart-option-name">{item.name}</div>
    ]}
```

**** multiple condition

```
{(this.state.visible || cart.discount > 0) && (
    slkfjfdsd
```

```
) : (
```

```
asdfs
```

```
})
```

***** check has property

*** How to set state by the ajax

<https://www.techiediaries.com/react-ajax/>

```
componentDidMount() {  
  
  axios.get(`http://www.reddit.com/r/${this.props.subreddit}.json`)  
    .then(res => {  
      const posts = res.data.data.children.map(obj => obj.data);  
      this.setState({ posts });  
    });  
}
```

*** calling a variable outside of ajax

this.state.posts

`this.state.cart`

***** cookie in react js *****

<https://www.npmjs.com/package/react-cookies>

***** click events in **

<https://reactjs.org/docs/handling-events.html>

***** how to install atoms for react js *****

<http://tipsonubuntu.com/2016/08/05/install-atom-text-editor-ubuntu-16-04/>

***** how to install important packages in atoms

<http://voidcanvas.com/12-must-have-atom-extensions-to-work-in-javascript/>

How to create a new page in ceizrin

1) How to set which container is used for specific url

/var/www/html/ir2/src/store/shared/app.js

in this file we import our container js file. And check what is current page type .we put the container name in
render() { } section

***** How to parse cookie in react js *****

******* The Component Lifecycle *******

componentWillUnmount() : It will call when we return or go through another and load another component.

ComponentDidMount() : it will be call when any component will be load. As direct reload and go though the onpage.

ComponentDidUpdate()

componentWillUpdate()

******* put item details inside the const variable *******

/var/www/html/ir2/theme/src/components/orderSummary.js line no :78 const OrderSummary

******* What is meant by ...props *******

<Component {...props} />

Let us imagine that you have a component that accepts N number of properties. Passing these down can be tedious and unwieldy if the number grows.

var props = { x: 1, y: 1, z:1 };

<Component {...props} />

5) * How to set function in global function in props and props ****

/var/www/html/ir2/src/store/shared/actionTypes.js

*** Define the action type

export const VINAY_ITEM_UPDATE_REQUEST = 'VINAY_ITEM_UPDATE_REQUEST';

/var/www/html/ir2/src/store/shared/actions.js

*** Define the action (function name)

```
export const vinayName = (name) => async(
  dispatch,
  getState
) => {
  dispatch(requestvinayName());
  console.log('hi vinay');
  const myDetails = {name: vinay, lastName: kumar};
  return myDetails;
};
```

const requestvinayName = () => ({

```

type: t.VINAY_ITEM_UPDATE_REQUEST
});

```

//const requestLoginPost = data => ({ type: t.LOGIN_REQUEST, data }); for pass the variable inside reducers to set the global props

/var/www/html/ir2/src/store/shared/reducers.js

```

*** define the map between action type and action **
case t.VINAY_ITEM_UPDATE_REQUEST:
*** if you want to set global props in side state
    case t.VINAY_ITEM_UPDATE_REQUEST:
    return Object.assign({}, state, { order: 'vinay kumar' });

```

/var/www/html/ir2/src/store/shared/containerProps.js

```

**** Map your function with props ***
import {updateCartItemQuantity,vinayName } from './actions'; // top

```

```

export const mapDispatchToProps = (dispatch, ownProps) => {
  return {
    vinayName: (name) => {
      dispatch(vinayName(name));
    },
  },

```

***** how to use this function in front-end *****

Note(1) :

if you want to use this function in any component. Pass props in container. Inside where you are calling the component.<**OrderSummary {...props}**> ...props for all data function and props.state

Note(1) :

/var/www/html/ir2/theme/src/components/orderSummary.js

```

const {
  updateCartItemQuantity,
  vinayName,
  state: { cart, settings }
} = props;

```

```

OrderSummary.propTypes = {
  updateCartItemQuantity: PropTypes.func.isRequired,
  vinayName: PropTypes.func.isRequired,
};

```

```

<div onClick={e => {vinayName('vinay'); }}> vinay vinay</div>

```

****** if you want to define in new variable in props.state ******

```

/var/www/html/ir2/src/store/server/loadState.js
const state = {
  app: {

```

****** How to set props in action and get ******

/var/www/html/ir2/src/store/shared/containerProps.js

```

** goto this file and put ownprops
addCartItem: (item) => {
  dispatch(addCartItem(item, ownProps.history));

```

```
},
```

Note : Now you can get the props.history inside actions.js in addCartItem fun.

**** How to create a new page in react js ****

1) write a action type :

```
/var/www/html/reactapp/src/shared/pageTypes.js
```

```
export const LOGIN = 'login';
```

*) import action type in action.js

```
/var/www/html/reactapp/src/shared/actions.js
```

```
*** in side const newCurrentPage
```

```
else if (locationPathname == '/customer/account/login')
```

```
{
```

```
  return {
```

```
    type: 'login',
```

```
    path: '/customer/account/login',
```

```
    resource: "
```

```
  };
```

2) Import page type in app.js

```
import {LOGIN } from './pageTypes';
```

```
componentDidMount() {
```

```
  render() {
```

```
case LOGIN:
```

```
  return <LoginContainer />;
```

```
}
```

```
}
```

3) create LoginContainer

4) Set the path in loadstate.js

```
const getCurrentPage = path => {
```

```
else if (path == '/customer/account/login') {
```

```
  return {
```

```
    type: 'login',
```

```
    path: '/customer/account/login',
```

```
    resource: "
```

```
  };
```

```
}
```

*** How to write inline css in

```
style={{ textTransform: 'uppercase',background:'#666 !important' }}
```

**** How to check local Storage ****

```
if (localStorage.getItem("infiniteScrollEnabled") === null) {
```

```
//...
```

```
}
```

**** language update files ****

```
/var/www/html/ir4/theme/locales/en.json
```

**** git ***

if your all files shows as modified but you didn't changes
git config core.autocrlf true
git config core.filemode false

API

https://indiarush.com/irapi/product/getProductDetail/?product_id=1149758&customer_id=1533902692&version=99.99

https://indiarush.com/irapi/cart/getShoppingCartInfo?quote_id=13880914&&pincode=&reset_payment=1&version=3.99

*** get save for later details

https://indiarush.com/irapi/customer/getSaveForLaterDetailsByCustomerId/?customer_id=1535440053

*** move cart to save for later

Request Url: <https://indiarush.com/irapi/cart/moveToSaveforLater/>

Params:{pincode=, item_id=10204658, product_id=1122248, quote_id=14688575, customer_id=1535440053, version=3.83}

Request Url: <https://indiarush.com/irapi/cart/moveToSaveforLater/>

Params:{pincode=, item_id=10204658, product_id=1122248, quote_id=14688575, customer_id=1535440053, version=3.83}

*** Move save for later to cart

<https://indiarush.com/irapi/cart/productAddToCart/>

Params:{itemId=, product=1147673, quote_id=14571195, isAjax=1, current_p_id=}
2018-08-28 16:16:19.322 29237-29237/com.indiarush.indiarush
E/com.indiarush.activities.DashboardActivity@125f070: Request
Url: <https://indiarush.com/irapi/cart/RemovefromSaveLater/>
Params:{product_id=1147673, customer_id=1296751}

saveForLater:[],

*** size update on cart page

http://indiarush.com/irapi/cart/updateSizeonCartUpdate/?quote_id=14578135&itemId=14554124&product=215565&isAjax=1&version=3.99

**** Form submit in js ***

```

handleSubmit(event) {

    event.preventDefault();

    var myForm = document.getElementById('submit'); // form id

    var formData = new FormData(myForm);

    console.log('vinay III');

    var name = formData.get('username'); // fields name

    console.log(name);

}

```

**** state ****

```
shippingzFields:{name:'vinay',address:null,postal_code:null,city:null,state:null,phone:null}
```

fetchPaymentMethods fetchShippingMethods

<input type="hidden" id="entity_id" name="entity_id" defaultvalue={this.state.name} />

***** LIFE CYCLE

componentDidMount() this will call once when comonent call. If you refresh from top of browser and go though the url, navigation

**** How to use multi return in component ****

If we will use multiple retrun than last return call first.

**** how to redirect the page in any action ***

```
this.props.history.push('/checkout-success');
```

email : testvinay@indiarush.com

quote Id : 14797074

user Id : 1280427

Email Id : vinay.kumar@indiarush.com

customerId : 1267019

email : nezamulhaque00@gmail.com password : indiarush createOrder

karan.nargotra@indiarush.com

**** dev usr name and password :

user id : 1271490

email : vinay@indiarush.com

**** map for returning the list inside the return ***

```
const items = saveForLater.map(item => (
```



```
<CartItem />
));
```

```
**** other use of map ***
const shippingAddressSel= shippingAddress.map((field, index) => {
  return field;
});
```

```
**** inside return
{this.state.getHomePageRecommendationDetails.map(fields => (
  <div>{fields.label}</div>
  ))}
```

```
**** how to get the s node element without loop ***
if you have two main in response (data and metadata)
var FirstEntityId = Object.values(jsonResult)[1][0].entity_id;
// same we can call Object.keys
```

```
**** how to call dynamically object node
```

```
keys='key';
fieldsList[keys]
```

```
**** How to show json object inside return false ****
```

```
<div><pre>{JSON.stringify(data, null, 2) }</pre></div>
```

```
var str = '9999999888888888';
console.log(str.substring(0, 4)); //"9999"
console.log(str.substring(10)); //"888888"
```

```
this.state.newCard
```

```
useruser
```

```
***** Need to study *****
map with condition and use global function
```

```
Credit card : 2623737338383883
debit card : 45252589590
```

```
react@indiarush.com 123456
```

```
For karan
1)
```

http://indiarush.com/irapi/customer/initCustomerApi/?customer_id=1267019&version=3.83

In this API user node is not returned for some customer id (cusmoter_id : **1280427**)

http://indiarush.com/irapi/customer/initCustomerApi/?customer_id=1361629&version=3.83

2)

<http://indiarush.com/irapi/customer/addNewCard/?customerId=1267019&version=3.79&paymentType=debitCard&expirationMonth=3&expirationYear=2021&cardType=Visa%20Cards&cardNumber=45252589590&name=Usher%20Raymond%20IV>

New card is not added (customer_id : **1280427** , **1267019**)

order number : 101040571

101040643

101040643

<https://indiarush.com/irapi/customer/getCardList/?customerId=241411&version=3.79>

<https://indiarush.com/irapi/customer/getCardList/?customerId=1197721&version=3.79>

```
console.log("User " + fieldsList[key] + " is #" + key); // "User john is #234"
```

```
User key is #key
```

```
stepPayment.js:168 User vinay is #name
```

**** how to await is showing error **await is reserve word** ****

```
async PayUAction(methodId)
{
  await fetch();
}
```

```
if ($this->customerHasAddresses())
```

```
$addressList = $this->getAddressesHtmlRadio();
```

karan.nargotra@indiarush.com

```
checkout-step-login none
```

```
new address === theme202/template/checkout/onepage/billing.phtml
```

```
customerCheck()
```

```
$customer= Mage::getSingleton('customer/session')->getCustomer();
```

***** how to update the npm version *****

```
npm install -g npm
```

*** how to avoid all question when creting a package.json file

```
npm init -y
```

***** **Mongo DB** *****

Note : for the shell commands

<https://docs.mongodb.com/manual/reference/mongo-shell/>

Note Port : 27017

```
-> type : mongo
-> show database
-> use database_name
-> show collection
-> db.collection_name.find({})
-> db.products.find({}).toArray(); or .pretty() // for beautify
```

Note : we can use db.collection_name. In terminal and model_name. In code

*** Order By ASC / DESC*** -1 for desending order and 1 for accending ***

```
db.products.find({}).sort({_id:-1}) // Post.find({}).sort({_id:-1});
```

*** Limit *****

```
db.collection.find({}).limit(1) // Post.find({}).limit(1);
```

*** count ****

```
db.collection.find( { } ).count() // db.collection.count()
```

***** show database**
***** use database_name**

**** how to auto run the server. Without hit again and again ***
npm install nodemon -g --save
and heat nodemon server.js

****-* mongo db**
mongoose.connect('mongodb://localhost:27017/myapp');
mongoose.connect('mongodb://username:password@host:port/database?options...');
<https://mlab.com/databases/node-js#users>

mlab user : nodejsUser
mlab password : [nodejs@vinay1](#)

Model.deleteMany()

Model.deleteOne()
Model.find()
Model.findById()
Model.findByIdAndDelete()
Model.findByIdAndRemove()
Model.findByIdAndUpdate()
Model.findOne()
Model.findOneAndDelete()
Model.findOneAndRemove()
Model.findOneAndUpdate()
Model.replaceOne()
Model.updateMany()
Model.updateOne()

***** For update the onlone *****
[/var/www/html/reactapp/src/shared/modules/category/components/productFilter/index.js](#)

**** what is middleware ?**

Middleware is layer between request and response. middleware are functions that allow us extend the functionality of our redux application. The middleware sits in between the dispatch and reducers, which means we can alter our dispatched actions before they get to the reducers or execute some code during the dispatch.

*****custom middleware**

```
const customMiddleWare = store => next => action => {  
  console.log("Middleware triggered:", action);  
  next(action);  
}
```

```
const store = createStore(counter,  
  applyMiddleware(customMiddleWare)  
);
```

***** Thunkmiddleware *****

Redux Thunk middleware allows you to write action creators that return a function instead

of an action. The thunk can be used to delay the dispatch of an action, or to dispatch only if a certain condition is met. The inner function receives the store methods dispatch and getState as parameters.

<https://www.codingame.com/playgrounds/8894/redux-tutorial-for-beginners>

Store Methods

getState()
dispatch(action)
subscribe(listener)
replaceReducer(nextReducer)

getState()

Returns the current state tree of your application. It is equal to the last value returned by the store's reducer.

dispatch(action)

Dispatches an action. This is the only way to trigger a state change.

subscribe(listener)

Adds a change listener. It will be called any time an action is dispatched, and some part of the state tree may potentially have changed.

replaceReducer(nextReducer)

Replaces the reducer currently used by the store to calculate the state.

It is an advanced API. You might need this if your app implements code splitting, and you want to load some of the reducers dynamically. You might also need this if you implement a hot reloading mechanism for Redux

*** How to delete directory in js ****

```
import fse from 'fs-extra';  
let deleteDir = path.resolve( settings.productsUploadPath + '/' + productId );  
fse.remove(deleteDir, err => {});
```

npm cache clean --force

* what is difference between let and var

let can be only available inside the scope it's declared. like in for loop, function
let global let variables are not added to the global window object.

var can be accessed outside the loop
window variable is available to using the var

* what is difference between undefined and notdefine

'Null' is a keyword in JavaScript that signifies 'no value' or nonexistence of any value.
Null means an empty or non-existent value. Null is assigned, and explicitly means nothing.

Undefined is a global variable that JavaScript creates at run time.

1. Declared but not defined -
2. Array index or object property that does not exist.
3. A function parameter that has not been supplied.
4. The return value of functions that have to but don't return a value.

* what is difference between undefine and null

- * how to show the image center in a div
- * we have two div one float left and second is float right, how to show main div height
- * how to handle auto render the component when api data is changed

*** what is difference b/w react Component and Element and instances.**

`<MyComponent />` this is element

Component

* A React Component is a template. A blueprint. A global definition. This can be either a function or a class (with a render function).

Element

*

A React Element is what gets returned from components. It's an object that virtually describes the DOM nodes that a component represents. With a function component, this element is the object that the function returns. With a class component, the element is the object that the component's render function returns. React elements are not what we see in the browser. They are just objects in memory and we can't change anything about them.

instances

*

React internally creates, updates, and destroys instances to figure out the DOM elements tree that needs to be rendered to the browser. When working with class components, it's common to refer to their browser-rendered DOM elements as component instances

*** How to show center image in a div**

```
.image-container {  
  display: flex;  
  justify-content: center;  
}
```

*`React.createElement`

any JSX tag gets translated to a `React.createElement` call

Function-based React elements do not have instances

```
const Today = () => (  
  <div>Today is {new Date().toLocaleDateString()}</div>  
);
```

<https://stackoverflow.com/questions/45378258/php-sql-injection-possibility/45379001>

https://github.com/opencart/opencart/blob/3.0.2.0/upload/system/library/db/my_sql.php#L17

