* 1. **Create react project command**：npx create-react-app my-app

npm run eject：将webpack配置文件提取出来

'

HTML To JSX :<https://magic.reactjs.net/htmltojsx.htm>

* 1. **React life cycle**

Machine generated alternative text:
instant fated 
getDef 
getrnit iatState() 
render ) 
First t'" 
conponentWiI tHoun t ) 
componentO ) 
props 
changed 
setState() 
de leted 
set State 
oesn•t 
t re—render 
shoutdConponentUødate( ) 
True 
' 'er first 
CO"onentWiUupdatel ) 
c onponentDidUp•dateO 

(run order)

Constructor

componentWillMount

Render

componentDidMount

* 1. **State attributes**

State belongs to internal attributes for modules

Init parameters： this .state={username:'xavier'}

Update parameters: this.setState({username:'Eric'})

Receive parameters：this.state.username

Css:

style={{display:'block'}}

babel-plugin-react-html-attrs

* 1. **Props attributes**

Props belongs to external attributes for modules.

Transfer parameters：<body username='xavier'/>

Receive parameters：this.props.username

* 1. Refs ：Cannot be abused

ref='submitBotton'

this.refs.submitBotton.style.color='red';

* 1. Share Mixins

Use way :

* 1. Npm install react-mixin@2 --save-dev



const MixinLog={

log(){

console.log('xavier');

}

};

export default MixinLog

**c.**

import MixinLog from './mixins';

import ReactMixin from 'react-mixin';

ReactMixin(Body.prototype, MixinLog);

MixinLog.log();

* 1. Base react-router

"react-router": "^3.2.0",

Routes.js

import React ,{Component} from 'react';

import Index from './containers/Views/index';

import ComponentList from './containers/Views/list'

import {Router,Route,hashHistory} from 'react-router';

export default class Routes extends Component{

render(){

return (

<Router history={hashHistory}>

<Route component={Index} path='/'/>

<Route component={ComponentList} path='list'/>

</Router>

);

}

}

App.js

import React ,{Component} from 'react';

import Routes from './Routes';

export default class App extends Component{

render(){

return (

<Routes/>

);

}

}

* 1. **Resource request**

Machine generated alternative text:
Request-header + 3ä(url body) 
status + Response-header + body 

* 1. **Browser parsing**

Machine generated alternative text:
DOM 
DOM 
RFblJ 
JSiÄfi 

* 1. **arrow-function**

Machine generated alternative text:


* 1. **Promise**

//Promise结构

new Promise((resolve,reject)=>{

$.ajax({

url:'http://happymmall.com/user/get\_user\_info.do',

type:'post',

success(res){

resolve(res);

},

error(err){

reject(err);

}

})

}).then((res)=>{

console.log('success: '+res);

},(err)=>{

console.log('error: '+err);

});

//链式Promise结构

var PromiseFn1=new Promise((resolve,reject)=>{

$.ajax({

url:'http://happymmall.com/user/get\_user\_info.do',

type:'post',

success(res){

resolve(res);

},

error(err){

reject(err);

}

})

});

var PromiseFn2=new Promise((resolve,reject)=>{

$.ajax({

url:'http://happymmall.com/cart/get\_cart\_product\_count.do',

type:'post',

success(res){

resolve(res);

},

error(err){

reject(err);

}

})

});

PromiseFn1.then(()=>{

console.log('PromiseFn1 = '+PromiseFn1);

return PromiseFn2

}).then(()=>{

console.log('PromiseFn2 = '+PromiseFn2);

});

* 1. **Cookie & Session**

Machine generated alternative text:
cookie 

Machine generated alternative text:
cookie 
name: cookie€*fi 
• domain: cookie&ÄÜ5Ej-e 
• path: cookie&Ää5EM4 
expires: cookiejÄHhBx11'äJ 
• Httponly: 

Machine generated alternative text:
session 
, session*Ä 

// 查看cookie

document.cookie

// 添加cookie

document.cookie = 'name=Rosen;domain=happymmall.com;path=/index.html;expires=Sat, 06 Jan 2018 13:38:45 GMT'

// 修改cookie

document.cookie = 'name=Rosen1;domain=happymmall.com;path=/index.html;'

// 删除cookie

document.cookie = 'name=Rosen1;domain=happymmall.com;path=/index.html;expires=Sat, 06 Jan 2017 13:38:45 GMT'

//添加localStorage

window.localStorage.setItem('name','xavier');

//查看localStorage

window.localStorage.getItem('name');

//删除localStorage

window.localStorage.removeItem('name');

* 1. **Router**

**Page route :**

window.location.href='http://www.baidu.com'

History.back();

**H5 route:**

history.pushState('test','Title','/user/index');

History.replaceState('test','Title','/user/index');

Window.onpopstate =function(e){ 'h5 router change:' ,e.state}

Window.onpopstate =function(){

console.log(window.location.href);

console.log(window.location.pathname);

console.log(window.location.hash);

console.log(window.location.search);

}

**Hash route:**

window.location='#hash';

Window.onhashchange=function(){

Console.log(window.location.hash)

}

React-Router

<BrowserRouter>/<HashRouter>,Route mode

<Route>，Route Regulation

<Switch>， Route Option

<Link>/<NavLink>,Jump Navigation

<Redirect>,auto Jump

import React,{Component} from 'react';

import { Link,

Switch,

Route } from 'react-router-dom';

class RouteA extends Component{

render(){

return (

<div>

Component RouteA

params : {this.props.match.params.id}

<Switch>

<Route exact path={`${this.props.match.path}`}

render={(route)=>{

return (

<div>this component don't has params</div>

);

}

}

/>

<Route path={`${this.props.match.path}/sub`}

render={(route)=>{

return (

<div>this component is sub</div>

);

}

}

/>

<Route path={`${this.props.match.path}/:id`}

render={(route)=>{

return (

<div>this component has params :{route.match.params.id}</div>

);

}

}

/>

</Switch>

</div>

);

}

}

class RouteB extends Component{

render(){

return (

<div>Component RouteB</div>

);

}

}

class Wrapper extends Component{

render(){

return (

<div>

<Link to='/a'>component A </Link>

<br/>

<Link to='/a/123'>component A has params </Link>

<br/>

<Link to='/a/sub'>component A has sub </Link>

<br/>

<Link to='/b'>component B </Link>

<div>{this.props.children} </div>

</div>

);

}

}

export default Wrapper;

export {RouteA,RouteB};