

React细节知识点 - 实战2

1. 什么是路由 如何在react中使用路由

1. 操作

```
//1.安装yarn add react-router-dom

//2.在根组件中使用路由,在/,/detail页面可以看到home, detail
import { BrowserRouter, Route } from 'react-router-dom';

<Provider store={store}>
  <Fragment>
    <Globalstyle />
    <Header />
    <BrowserRouter>    //新增  BrowserRouter代表路由, Route代表一个个路由规则
      <div>
        <Route path="/" exact render={() => <div>home</div>} />
        <Route path="/detail" exact render={() => <div>detail</div>} />
      </div>
    </BrowserRouter>
  </Fragment>
</Provider>

//3.我想让path='/',path='/detail' 分别显示我的首页组件和详情页组件
//在src下新建pages文件夹,期中新建home,detail文件夹, 分别在其中新建index.js
import React, { Component } from 'react';

class Home extends Component {
  render() {
    return <div>Home~</div>;
  }
}
export default Home;

import React, { Component } from 'react';

class Detail extends Component {
  render() {
    return <div>Detail~</div>;
  }
}
export default Detail;
```

```
//在App.js根组件中导入这两个组件，就完成了
import Home from './pages/home';
import Detail from './pages/detail';

<Route path="/" exact component={Home} />           //新增component
<Route path="/detail" exact component={Detail} />
```

2. 首页组件的拆分

1. 操作

```
//1.在home目录下新建style.js文件
/*home/index.js*/
import { HomeWrapper, HomeLeft, HomeRight } from './style';
<HomeWrapper>
  <HomeLeft>
    
  </HomeLeft>
  <HomeRight>
  </HomeRight>
</HomeWrapper>

/*home/style.js中*/
import styled from 'styled-components';

export const HomeWrapper = styled.div`
  overflow: hidden; //父级父级元素overflow:hidden 因为涉及左浮动有浮动了
  width: 960px;      //我们希望bfc被触发，父级能感知到子级的高度，自适应高度
  margin: 0 auto;
`;

export const HomeLeft = styled.div`
  float: left;
  margin-left: 15px;
  padding-top: 30px;
  width: 625px;
  .banner-img {
    width: 625px;
    height: 270px;
  }
`;
```

```

export const HomeRight = styled.div`
  float: right;
  width: 280px;
`;

//2.创建首页小组件；在home目录下新建components文件夹，在其中新建List.js,
Recommend.js, Topic.js, Writer.js, 分别rcc, 然后在首页跟组件home/index.js中导入
import Topic from './components/Topic';
import List from './components/List';
import Recommend from './components/Recommend';
import Writer from './components/Writer';

<HomeWrapper>
  <HomeLeft>
    
    <Topic />
    <List />
  </HomeLeft>
  <HomeRight>
    <Recommend />
    <Writer />
  </HomeRight>
</HomeWrapper>

```

3. 首页专题区域布局和reducer的设计

1. 操作

```

//1.在Topic.js中写TopicWrapper和TopicItem, 组件的样式写在home/style.js就行了, 如果给
每个小组件都单独一个style.js有点过度设计
import { TopicWrapper, TopicItem } from '../style';

<TopicWrapper>
  <TopicItem>
    
    社会热点
  </TopicItem>
</TopicWrapper>

export const TopicWrapper = styled.div`
  overflow: hidden;

```

```
padding: 20px 0 10px 0;
margin-left: -10px;
`;

export const TopicItem = styled.div`
float: left;
height: 32px;
line-height: 32px;
margin-left: 18px;
margin-bottom: 18px;
font-size: 14px;
padding-right: 10px;
background: #f7f7f7;
color: #000;
border: 1px solid #dcdcdc;
border-radius: 4px;
.topic-pic {
display: block;
float: left;
width: 32px;
height: 32px;
margin-right: 10px;
}
`;
```

2. 使用home的reducer来管理数据

```
//1.在home目录下新建store文件夹，在其中新建index.js和reducer.js文件
/*home/store/index.js中把reducer导出去*/
import reducer from './reducer';

export { reducer };

/*home.store/reducer.js中*/
import { fromJS } from 'immutable';

const defaultState = fromJS({
  topicList: [
    {
      id: 1,
      title: '社会热点',
      imgUrl:
        '//upload.jianshu.io/collections/images/13/%E5%95%8A.png?
imageMogr2/auto-orient/strip|imageView2/1/w/144/h/144/format/webp'
```

```

    },
    {
      id: 2,
      title: '故事',
      imgUrl:
        '//upload.jianshu.io/collections/images/95/1.jpg?imageMogr2/auto-orient/strip|imageView2/1/w/144/h/144/format/webp'
    }
  ]
});

export default (state = defaultState, action) => {
  switch (action.type) {
    default:
      return state;
  }
};

//2.将home的reducer加入到总的reducer中
/*在根目录store/reducer.js中*/
import { reducer as homeReducer } from '../pages/home/store';

const reducer = combineReducers({
  header: headerReducer,
  home: homeReducer //新增
});

//3.在Topic.js中使用store中的数据
//组件先连接到store, 获取到数据
import { connect } from 'react-redux';

const mapState = state => ({
  list: state.get('home').get('topicList')
});

export default connect(
  mapState,
  null
)(Topic);

//遍历list,因为topicList是immutable类型, 所以这边list也是immutable类型, 不能直接使用.
来获取item.title, 需要用get方法,item.get('title')
<TopicWrapper>
  {this.props.list.map(item => {
    return (
      <TopicItem key={item.get('id')}>

```

```
        <img className="topic-pic" src={item.get('imgUrl')} alt="" />
        {item.get('title')}
      </TopicItem>
    );
  })}
</TopicWrapper>
```

4. 首页文章列表制作

1. 操作

```
//1.List.js文件
import React, { Component, Fragment } from 'react';
import { ListItem, ListInfo } from '../style';
import { connect } from 'react-redux';

class List extends Component {
  render() {
    const { list } = this.props;
    return (
      <Fragment>
        {list.map(item => {
          return (
            <ListItem key={item.get('id')}>
              <img className="pic" src={item.get('imgUrl')} alt="" />
              <ListInfo>
                <h3 className="title">{item.get('title')}</h3>
                <p className="desc">{item.get('desc')}</p>
              </ListInfo>
            </ListItem>
          );
        })}
      </Fragment>
    );
  }
}

const mapStateToProps = state => ({
  // list: state.get('home').get('articleList')
  list: state.getIn(['home', 'articleList'])
});
```

```
export default connect(
  mapStateToProps,
  null
)(List);

//2.style.js中
export const ListItem = styled.div`
  overflow: hidden;
  padding: 20px 0;
  border-bottom: 1px solid #dcdcdc;
  .pic {
    display: block;
    float: right;      //子级浮动后，父级记得加上overflow:hidden
    margin-top: 10px;
    width: 150px;
    height: 120px;
    border-radius: 10px;
  }
`;
```

```
export const ListInfo = styled.div`
  float: left;
  margin-right: 10px;
  width: 465px;
  .title {
    line-height: 30px;
    font-size: 18px;
    font-weight: bold;
    color: #333;
  }
  .desc {
    line-height: 24px;
    font-size: 13px;
    color: #999;
  }
`;
```

```
//3.reducer.js中
const defaultState = fromJS({
  topicList: [
    {
      id: 1,
      title: '社会热点',
      imgUrl:
```

```

        '//upload.jianshu.io/collections/images/13/%E5%95%8A.png?
imageMogr2/auto-orient/strip|imageView2/1/w/144/h/144/format/webp'
    },
    {
        id: 2,
        title: '故事',
        imgUrl:
            '//upload.jianshu.io/collections/images/95/1.jpg?imageMogr2/auto-
orient/strip|imageView2/1/w/144/h/144/format/webp'
    }
],
articleList: [
    {
        id: 1,
        title: '当“小偷家族”遇上王多鱼',
        desc:
            '后悔没有先看《小偷家族》，再看《西虹市首富》我总觉得，有两类电影最适合在电影院观
看。一类是喜剧片，“独乐乐不如众乐乐”，一群人笑声传染更能让快乐加倍；另一类是节奏平淡如水的现
实主义片子，毕竟在生活的快节奏和相伴的各种焦虑下，人们是很少能在两个小时的“流水账”中逼着自己
坚持到最后...' ,
        imgUrl:
            '图片地址'
    },
    {
        id: 2,
        title: '《最好的我们》：青春有张不老的脸那里藏着最好的我们',
        desc:
            '人这一生从呱呱坠地那一刻起，就注定会经历很多难忘的时刻。第一次学会走路，第一次喜欢
一个人，第一次独自旅行，第一次经历离别。相信在这无数个第一次当中，“青春”这个关键词一定不会缺
席你的人生。电影《最好的我们》，讲述的就是一个非常青春的故事...' ,
        imgUrl:
            '图片地址'
    },
    {
        id: 3,
        title: '《真正的朋友》四姐妹合体上演回忆杀，曾经的青涩少女现在各不同',
        desc:
            '最近，《真正的朋友》正在热播当中，这也是大小s、阿雅以及范晓萱四姐妹首次合体亮相。
很多人看了节目都惊讶于这四个人的保养实在太好了，明明都已经是当妈妈的年纪，却一个比一个充满
少女感，怪不得在节目中会有人把她们当做二十几岁的女孩...' ,
        imgUrl:
            '图片地址'
    }
]
});

```

5. 首页推荐部分代码编写

1. 操作

//1.Recommend.js中，因为每个Item的图片都不一样，所以不能在style.css通过url写死，需要从前面把图片地址传给style.js

```
<RecommendWrapper>
  <RecommendItem imgUrl="https://s2.ax1x.com/2019/05/04/EaF9Te.png" />
  <RecommendItem imgUrl="https://s2.ax1x.com/2019/05/04/EaFFfA.png" />
  <RecommendItem imgUrl="https://s2.ax1x.com/2019/05/04/EaFiYd.png" />
  <RecommendItem imgUrl="https://s2.ax1x.com/2019/05/04/EaFPFH.png" />
  <RecommendItem imgUrl="https://s2.ax1x.com/2019/05/04/EaFASI.png" />
</RecommendWrapper>
```

```
export const RecommendWrapper = styled.div`
  margin: 30px 0;
  width: 280px;
`;

export const RecommendItem = styled.div`
  width: 280px;
  height: 50px;
  margin-top: 4px;
  background: url(${props => props.imgUrl}); //获取到前面传过来的图片地址
  background-size: contain;
`;
```

//2.把数据放到reducer.js中

```
recommendList: [
  {
    id: 1,
    imgUrl: 'https://s2.ax1x.com/2019/05/04/EaF9Te.png'
  },
  {
    id: 2,
    imgUrl: 'https://s2.ax1x.com/2019/05/04/EaFFfA.png'
  },
  {
    id: 3,
    imgUrl: 'https://s2.ax1x.com/2019/05/04/EaFiYd.png'
  },
]
```

```

    {
      id: 4,
      imgUrl: 'https://s2.ax1x.com/2019/05/04/EaFPFH.png'
    },
    {
      id: 5,
      imgUrl: 'https://s2.ax1x.com/2019/05/04/EaFASI.png'
    }
  ]

//3.Recommend.js组件连接到store
import { connect } from 'react-redux';

const mapState = state => ({
  list: state.getIn(['home', 'recommendList'])
});

export default connect(
  mapState,
  null
)(Recommend);

//4.遍历list
<RecommendWrapper>
  {this.props.list.map(item => {
    return (
      <RecommendItem key={item.get('id')} imgUrl={item.get('imgUrl')} />
    );
  })}
</RecommendWrapper>

```

2. WriterWrapper部分

```

//1.Writer.js中
import { WriterWrapper } from '../style';

return <WriterWrapper>Writer</WriterWrapper>;

//2.style.js
export const WriterWrapper = styled.div`
  width: 278px;
  border: 1px solid #dcdcdc;
  border-radius: 3px;
  height: 300px;

```

```
line-height: 300px;
text-align: center;
`;
```

6. 首页异步数据获取

1. 操作

```
//1.在public/api目录下新建home.json文件，把home/store/reducer.js中的数据放到这里
{
  "success": true,
  "data": {
    "topicList": [
      {
        "id": 1,
        "title": "社会热点",
        "imgUrl": "//upload.jianshu.io/collections/images/13/%E5%95%8A.png?imageMogr2/auto-orient/strip|imageView2/1/w/144/h/144/format/webp"
      },
      {
        "id": 2,
        "title": "故事",
        "imgUrl": "//upload.jianshu.io/collections/images/95/1.jpg?imageMogr2/auto-orient/strip|imageView2/1/w/144/h/144/format/webp"
      }
    ],
    "articleList": [
      {
        "id": 1,
        "title": "当“小偷家族”遇上王多鱼",
        "desc": "后悔没有先看《小偷家族》，再看《西虹市首富》我总觉得，有两类电影最适合在电影院观看。一类是喜剧片，‘独乐乐不如众乐乐’，一群人笑声传染更能让快乐加倍；另一类是节奏平淡如水的现实主义片子，毕竟在生活的快节奏和相伴的各种焦虑下，人们是很少能在两个小时的“流水账”中逼着自己坚持到最后...",
        "imgUrl": "//upload-images.jianshu.io/upload_images/18213612-23ed1bc2f0bd686f.png?imageMogr2/auto-orient/strip%7CimageView2/2/w/1000/format/webp"
      },
      {
        "id": 2,
        "title": "《最好的我们》：青春有张不老的脸那里藏着最好的我们",

```

```

      "desc": "人这一生从呱呱坠地那一刻起，就注定会经历很多难忘的时刻。第一次学会走路，第一次喜欢一个人，第一次独自旅行，第一次经历离别。相信在这无数个第一次当中，“青春”这个关键词一定不会缺席你的人生。电影《最好的我们》，讲述的就是一个非常青春的故事...",
      "imgUrl": "//upload-images.jianshu.io/upload_images/2224456-ab64e205a7bf4a55.jpg?imageMogr2/auto-orient/strip%7CimageView2/2/w/1000/format/webp"
    },
    {
      "id": 3,
      "title": "《真正的朋友》四姐妹合体上演回忆杀，曾经的青涩少女现在各不同",
      "desc": "最近，《真正的朋友》正在热播当中，这也是大小s、阿雅以及范晓萱四姐妹首次合体亮相。很多人看了节目都惊讶于这四个人的保养实在也太好了，明明都已经是当妈妈的年纪，却一个比一个充满少女感，怪不得在节目中会有人把她们当做二十几岁的女孩...",
      "imgUrl": "//upload-images.jianshu.io/upload_images/1545827-5dd04cf39e0d5cb1?imageMogr2/auto-orient/strip%7CimageView2/2/w/640/format/webp"
    }
  ],
  "recommendList": [
    {
      "id": 1,
      "imgUrl": "https://s2.ax1x.com/2019/05/04/EaF9Te.png"
    },
    {
      "id": 2,
      "imgUrl": "https://s2.ax1x.com/2019/05/04/EaFFfA.png"
    },
    {
      "id": 3,
      "imgUrl": "https://s2.ax1x.com/2019/05/04/EaFiYd.png"
    },
    {
      "id": 4,
      "imgUrl": "https://s2.ax1x.com/2019/05/04/EaFPFH.png"
    },
    {
      "id": 5,
      "imgUrl": "https://s2.ax1x.com/2019/05/04/EaFASI.png"
    }
  ]
}

```

//2.这些数据都是首页的数据，所以我们应该在首页进行ajax数据的获取

//使用了react-redux，派发action应该在mapDispatch方法中

```
import { connect } from 'react-redux';
```

```

import axios from 'axios';

componentDidMount() {
  axios.get('/api/home.json').then(res => {
    const result = res.data.data;
    const action = {
      type: 'change_home_data',
      topicList: result.topicList,
      articleList: result.articleList,
      recommendList: result.recommendList
    };
    this.props.changeHomeData(action); //使用了react-redux, 派发action应该在
mapDispatch方法中
  });
}

const mapDispatch = dispatch => ({
  changeHomeData(action) {
    dispatch(action);
  }
});

export default connect(
  null,
  mapDispatch
)(Home);

//3.派发的action, 所有的reducer都可以接收到, 但是我们规范在home/store/reducer.js中写
export default (state = defaultState, action) => {
  switch (action.type) {
    case 'change_home_data':
      return state.merge({
        topicList: fromJS(action.topicList),
        articleList: fromJS(action.articleList),
        recommendList: fromJS(action.recommendList)
      });
    default:
      return state;
  }
};

```

7. 异步操作代码拆分优化

1. 操作

```
//1.在home/store目录下新建actionCreators.js,actionTypes.js, 在
home/store/index.js中导出这两个文件
import * as actionCreators from './actionCreators';
import * as constants from './actionTypes';

export { reducer, actionCreators, constants };

//2.将ajax请求放在actionCreatos.js中
/*home/index.js中*/
componentDidMount() {
  this.props.changeHomeData();
}
}

const mapDispatch = dispatch => ({
  changeHomeData() {
    const action = actionCreators.getHomeInfo(); //ajax请求放在
actionCreators.js
    dispatch(action);
  }
});

/*home/store/actionCreators.js*/
import axios from 'axios';
import * as constants from './actionTypes';

const changeHomeData = result => ({
  type: constants.CHANGE_HOME_DATA,
  topicList: result.topicList,
  articleList: result.articleList,
  recommendList: result.recommendList
});

export const getHomeInfo = () => {
  return dispatch => {
    axios.get('/api/home.json').then(res => {
      const result = res.data.data;
      const action = changeHomeData(result);
      dispatch(action);
    });
  };
};
```

```
/*actionTypes.js中*/  
export const CHANGE_HOME_DATA = 'home/change_home_data';
```

8. 实现加载更多功能

1. 操作

```
//1.添加 加载更多样式  
<LoadMore>更多文字</LoadMore>  
  
export const LoadMore = styled.div`  
  width: 100%;  
  height: 40px;  
  line-height: 40px;  
  margin: 30px 0;  
  background: #a5a5a5;  
  text-align: center;  
  border-radius: 20px;  
  color: #fff;  
  cursor: pointer;  
`;  
  
//2.点击更多文字, 实际是派发异步action去获取更多数据  
const { list, getMoreList, page } = this.props;  
  
<LoadMore onClick={getMoreList}>更多文字</LoadMore>  
  
const mapDispatch = dispatch => ({  
  getMoreList() {  
    dispatch(actionCreators.getMoreList(page));  
  }  
});  
  
export default connect(  
  mapState,  
  mapDispatch  
) (List);  
  
//3.制造数据,public/api下新建homeList.json  
{
```

```

"success": true,
"data": [
  {
    "id": 4,
    "title": "当“小偷家族”遇上王多鱼",
    "desc": "后悔没有先看《小偷家族》，再看《西虹市首富》我总觉得，有两类电影最适合在电影院观看。一类是喜剧片，‘独乐乐不如众乐乐’，一群人笑声传染更能让快乐加倍；另一类是节奏平淡如水的现实主义片子，毕竟在生活的快节奏和相伴的各种焦虑下，人们是很少能在两个小时的“流水账”中逼着自己坚持到最后...",
    "imgUrl": "//upload-images.jianshu.io/upload_images/18213612-23ed1bc2f0bd686f.png?imageMogr2/auto-orient/strip%7CimageView2/2/w/1000/format/webp"
  },
  {
    "id": 5,
    "title": "《最好的我们》：青春有张不老的脸那里藏着最好的我们",
    "desc": "人这一生从呱呱坠地那一刻起，就注定会经历很多难忘的时刻。第一次学会走路，第一次喜欢一个人，第一次独自旅行，第一次经历离别。相信在这无数个第一次当中，“青春”这个关键词一定不会缺席你的人生。电影《最好的我们》，讲述的就是一个非常青春的故事...",
    "imgUrl": "//upload-images.jianshu.io/upload_images/2224456-ab64e205a7bf4a55.jpg?imageMogr2/auto-orient/strip%7CimageView2/2/w/1000/format/webp"
  },
  {
    "id": 6,
    "title": "《真正的朋友》四姐妹合体上演回忆杀，曾经的青涩少女现在各不同",
    "desc": "最近，《真正的朋友》正在热播当中，这也是大小s、阿雅以及范晓萱四姐妹首次合体亮相。很多人看了节目都惊讶于这四个人的保养实在也太好了，明明都已经是当妈妈的年纪，却一个比一个充满少女感，怪不得在节目中会有人把她们当做二十几岁的女孩...",
    "imgUrl": "//upload-images.jianshu.io/upload_images/1545827-5dd04cf39e0d5cb1?imageMogr2/auto-orient/strip%7CimageView2/2/w/640/format/webp"
  }
]
}

```

//4.actionCreators.js中

//先派发异步action是为了请求获取数据，获取到数据后发同步action给reducer，reducer接收后更新store中数据

```

import axios from 'axios';
import { fromJS } from 'immutable';
import * as constants from './actionTypes';

```

```

const addHomeList = (list) => ({
  type: constants.ADD_ARTICLE_LIST,

```



```

    list: fromJS(list),
  });

export const getMoreList = () => {
  return dispatch => {
    axios.get('/api/homeList.json').then(res => {
      const result = res.data.data;
      dispatch(addHomeList(result));
    });
  };
};

//5.actionTypes.js中
export const ADD_ARTICLE_LIST = 'home/add_article_list';

//6.reducer.js中
case constants.ADD_ARTICLE_LIST:
  return state.merge({
    articleList: state.get('articleList').concat(action.list),
    articlePage: action.nextPage
  });

```

2. 现在我们想我们每次点击加载更多的时候，怎么把第几页传给后

```

//1.reducer.js中新增一个变量
const defaultState = fromJS({
  topicList: [],
  articleList: [],
  recommendList: [],
  articlePage: 1 //这里
});

//2.List.js中获取到这个page，然后每次点击时传给发异步action的函数

const mapState = state => ({
  // list: state.get('home').get('articleList')
  list: state.getIn(['home', 'articleList']),
  page: state.getIn(['home', 'articlePage']) //新增
});

<LoadMore onClick={() => getMoreList(page)}>更多文字</LoadMore>

const mapDispatch = dispatch => ({
  getMoreList(page) {

```

```

    dispatch(actionCreators.getMoreList(page));
  }
});

//3.actionCreators.js中
const addHomeList = (list, nextPage) => ({
  type: constants.ADD_ARTICLE_LIST,
  list: fromJS(list),
  nextPage      //下一页传给reducer中
});

export const getMoreList = page => { //前面传过来的当前页
  return dispatch => {
    axios.get('/api/homeList.json?page=' + page).then(res => {
      const result = res.data.data;
      dispatch(addHomeList(result, page + 1)); //获取到数据后发同步action时把下一页传给reducer.js
    });
  };
};

//4.reducer.js中
case constants.ADD_ARTICLE_LIST:
  return state.merge({
    articleList: state.get('articleList').concat(action.list),
    articlePage: action.nextPage
  });
};

```

9. 返回顶部功能

1. 操作

```

//1.home/index.js中
<BackTop>顶部</BackTop>

/*style.js中加样式*/
export const BackTop = styled.div`
  position: fixed;
  right: 50px;
  bottom: 50px;
  width: 60px;

```

```
height: 60px;
line-height: 60px;
text-align: center;
border: 1px solid #ccc;
font-size: 14px;
`;
```

//2.绑定事件

```
<BackTop onClick={this.handleScrollTop}>顶部</BackTop>
```

```
class Home extends Component {
  handleScrollTop() {
    window.scrollTo(0, 0);
  }
}
```

//3.当在首屏时不显示，往下滚的时候显示

```
const defaultState = fromJS({
  topicList: [],
  articleList: [],
  recommendList: [],
  articlePage: 1,
  showScroll: false //新增
});
```

```
const mapState = state => ({
  showScroll: state.getIn(['home', 'showScroll'])
});
```

```
{this.props.showScroll ? (
  <BackTop onClick={this.handleScrollTop}>顶部</BackTop>
) : null}
```

```
componentDidMount() {
  this.props.changeHomeData();
  this.bindEvents();
}
```

```
componentWillUnmount() { //当组件ummount时候也要把监听滚动事件移除
  window.removeEventListener('scroll', this.props.changeScrollTopShow);
}
```

```
bindEvents() { //监听滚动事件，就能获取到滚动距离
  window.addEventListener('scroll', this.props.changeScrollTopShow);
}
}
```

```

const mapDispatch = dispatch => ({
  changeHomeData() {
    const action = actionCreators.getHomeInfo();
    dispatch(action);
  },

  changeScrollTopShow() { //新增
    if (document.documentElement.scrollTop > 200) {
      dispatch(actionCreators.toggleTopShow(true));
    } else {
      dispatch(actionCreators.toggleTopShow(false));
    }
  }
});

//4.actionCreators.js中
export const toggleTopShow = show => ({
  type: constants.TOGGLE_SCROLL_TOP,
  show
});

//5.actionTypes.js中
export const TOGGLE_SCROLL_TOP = 'home/toggle_scroll_top';

//6.reducer.js中
case constants.TOGGLE_SCROLL_TOP:
  return state.set('showScroll', action.show);

```

10. 首页性能优化及路由跳转

1. 首页性能优化

//1. 首页的每个组件都使用connect方法和store做了连接，这就会产生一个问题，只要store中的数据发生了改变，那么每个组件都会重新的渲染，就是每个组件的render函数都会重新执行。有一种情况是某些数据发生了变化，但是它和我们这个组件没有任何关系，但是这个组件依然被重新渲染了，所以性能不高，如何提高组件的性能呢？我们把Component改成PureComponent即可。PureComponent和Component区别是PureComponent内置了shouldComponentUpdate，这样就不需要我们自己手写shouldComponentUpdate做性能优化了

//2. 使用PureComponent最好搭配immutable.js不然会碰到一些坑

2. 路由跳转 - 首页跳转到详情页面

//1. 首页的每一个文章标题, 当点击时候跳转到对应的详情页面

```
import { Link } from 'react-router-dom';
```

```
<Link key={index} to="/detail">
  <ListItem key={index}>
    <img className="pic" src={item.get('imgUrl')} alt="" />
    <ListInfo>
      <h3 className="title">{item.get('title')}</h3>
      <p className="desc">{item.get('desc')}</p>
    </ListInfo>
  </ListItem>
</Link>
```

//2. 之前的导航栏简书图片, 点击跳回首页地方需要改下

/*header/style.js中*/

原本:

```
export const Logo = styled.a.attrs({href: '/'})
```

改成:

```
export const Logo = styled.div
```

/*header/index.js中*/

```
<Link to="/">
```

```
  <Logo />
```

```
</Link>
```

发现报错了, 说You should not use <Link> outside a <Router>

在App.js中, 发现我们的<Header />组件在<BrowserRouter>外面, 我们把<Header />放在里面即可

```
<BrowserRouter>
```

```
  <div>
```

```
    <Header />
```

```
    <Route path="/" exact component={Home} />
```

```
    <Route path="/detail" exact component={Detail} />
```

```
  </div>
```

```
</BrowserRouter>
```

