

Маршрутизация в большом приложении на React

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<http://www.devconf.ru>



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SSP

DMP

DSP

...

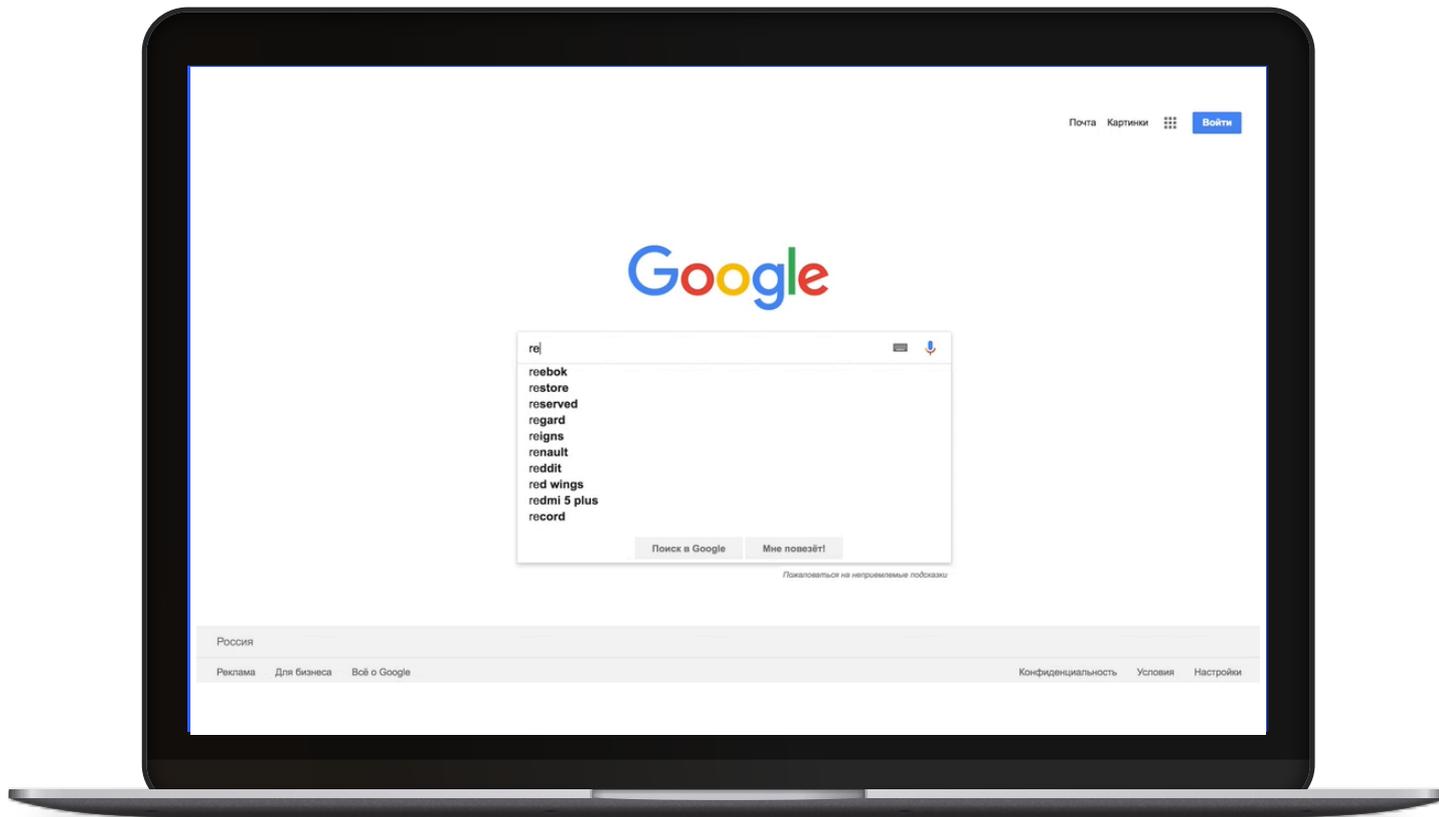


The screenshot displays the AETO web interface for managing advertising campaigns. The main window shows details for a campaign titled "ID_95783_(mobile) МТС_День_Мобильного_Интернета". Key statistics include 341,246 actual views, 2,000,000 planned views, 31,212 clicks, and a 0.01% CTR. A progress bar indicates the campaign is active as of October 16, 2016, and will end on February 31, 2018. A dropdown menu is open over the "MTC_Cross Package" item, listing actions such as "Предпросмотр", "Приостановить", "Редактировать", "Скопировать в...", "Скриншот", "DSP", and "Удалить".

On the left, a sidebar titled "Выбор продукта" (Product Selection) shows the selected product as "Тематические и аудиторные пакеты" and the package as "ФИНАНСЫ Виль". Below it, the "Настройка размещения" (Placement Settings) section includes fields for "Площадка" (Lenta.ru), "Раздел" (Пункт 2), "Уровень в продукте" (Коммерция_стандарт), and "Приоритет" (0).

On the right, a detailed view of the "MTC_Cross Package" is shown, including its format (300x600 in 1 screen), price (119.2 rub per thousand views), and total cost (40,800 rub). A description notes that the package allows for attracting a high-quality and targeted audience. A table at the bottom right shows campaign frequency and reach data.

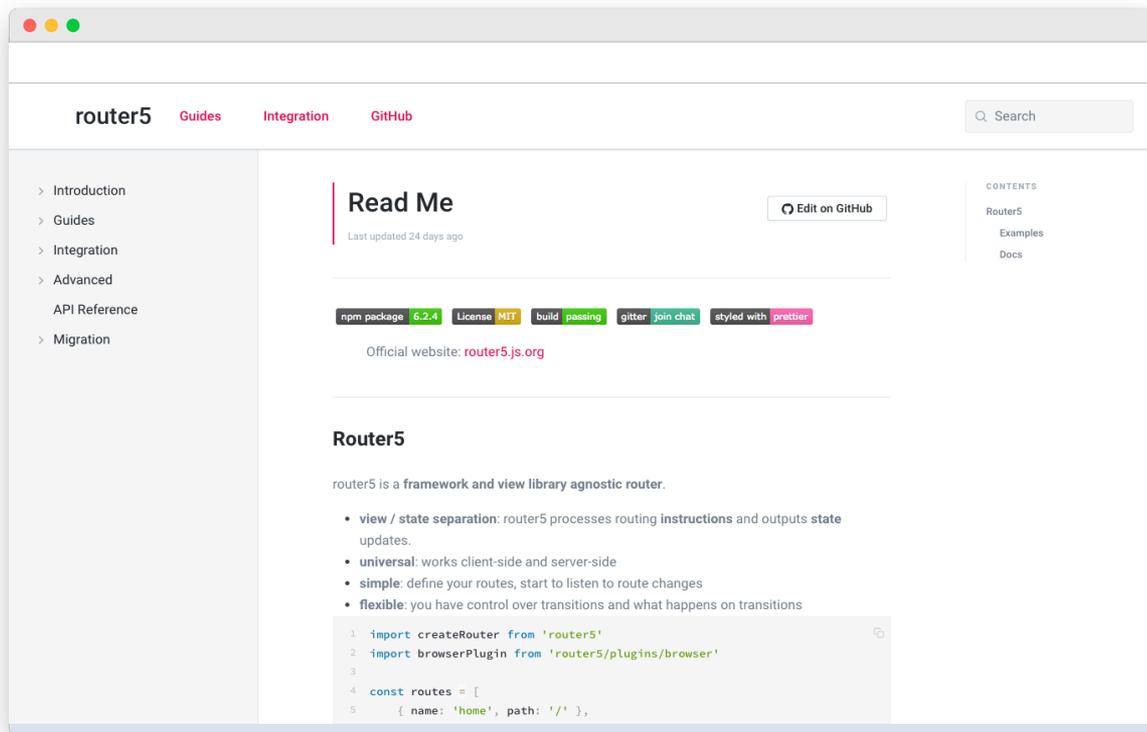
ПОКАЗЫ	СМОТРЕНО	CTR	ОХВАТ	ЧАСТОТА
5 240 000	50 000	0.00%	4 400 000	2.8



```
import React from "react";
import { BrowserRouter as Router, Route, Link } from "react-router-dom";

const ParamsExample = () => (
  <Router>
    <div>
      <h2>Accounts</h2>
      <ul>
        <li>
          <Link to="/netflix">Netflix</Link>
        </li>
        <li>
          <Link to="/zillow-group">Zillow Group</Link>
        </li>
        <li>
          <Link to="/yahoo">Yahoo</Link>
        </li>
        <li>
          <Link to="/modus-create">Modus Create</Link>
        </li>
      </ul>

      <Route path="/:id" component={Child} />
      <Route path="/order/:direction" component={ComponentWithRegex} />
    </div>
  </Router>
);
```



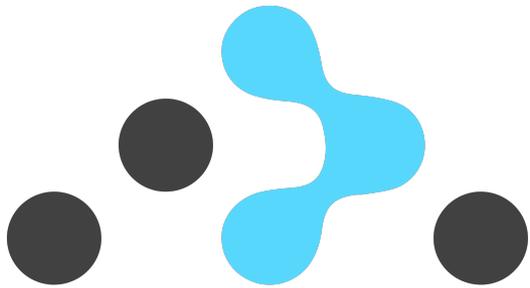
The screenshot shows the Router5 website with a navigation menu on the left containing links for Introduction, Guides, Integration, Advanced, API Reference, and Migration. The main content area features a 'Read Me' section with an 'Edit on GitHub' button, a metadata bar showing 'npm package 6.2.4', 'License MIT', 'build passing', 'gitter join chat', and 'styled with prettier'. Below this is the official website 'router5.js.org' and a 'Router5' section describing it as a framework and view library agnostic router. A list of features includes view/state separation, universal client-side and server-side support, simplicity in defining routes, and flexibility in transitions. A code block at the bottom shows the initial import and route configuration for Router5.

```
1 import createRouter from 'router5'  
2 import browserPlugin from 'router5/plugins/browser'  
3  
4 const routes = [  
5   { name: 'home', path: '/' },
```

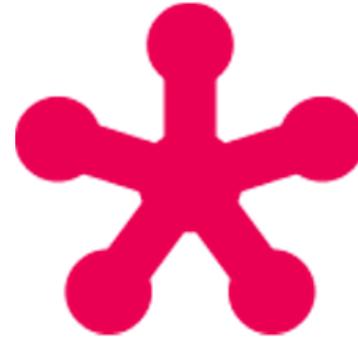


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<https://router5.js.org/>



react-router@4



router5@7

React-router vs Router5

	stars 🌟	forks 📄	issues ⚠️	updated 🛠️	created 🗓️	size 📦
react-router	36529	7496	64	Jun 5, 2019	May 17, 2014	minzipped size 7.1 KB
router5	1407	97	35	May 9, 2019	Jun 29, 2015	minzipped size 8.7 KB

 npm trends



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[router5 / router5](#)

Used by 380 Unwatch 26 Unstar 1,407 Fork 97

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Contributors

[Community](#)

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[Code frequency](#)

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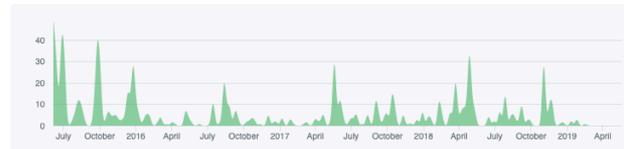
[Network](#)

[Forks](#)

Jun 28, 2015 – Jun 11, 2019

Contributions: [Commits](#)

Contributions to master, excluding merge commits



Интеграция

Provided packages

- react-router5
- redux-router5

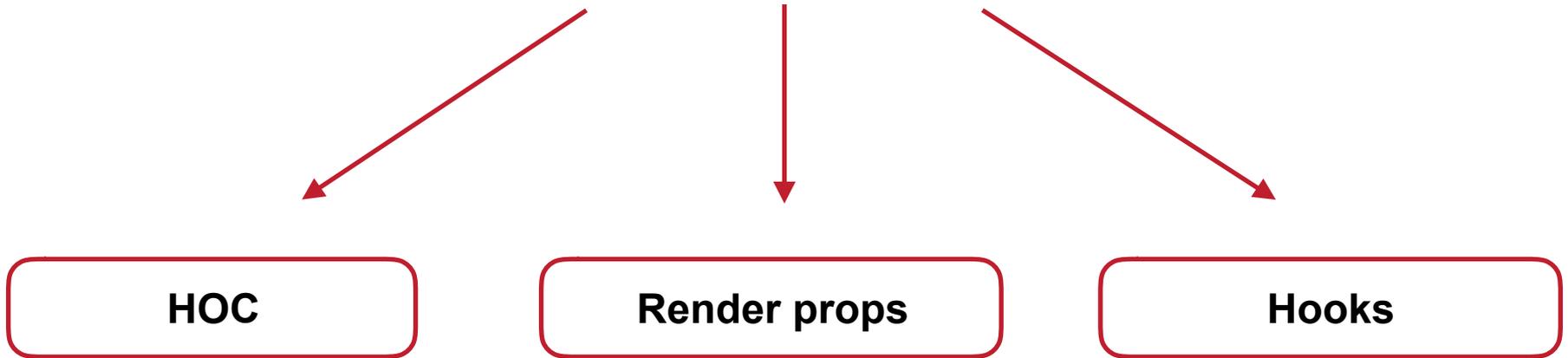
Community packages

- mobx-router5
- react-mobx-router5
- marko-router5
- Mr. Router5 (MobX+React)

Not up to date

- rxjs-router5
- xstream-router5
- deku-router5
- router5-link-interceptor
- router5-boilerplate
- universal-react-redux-hapi

Подключение



Дерево маршрутов

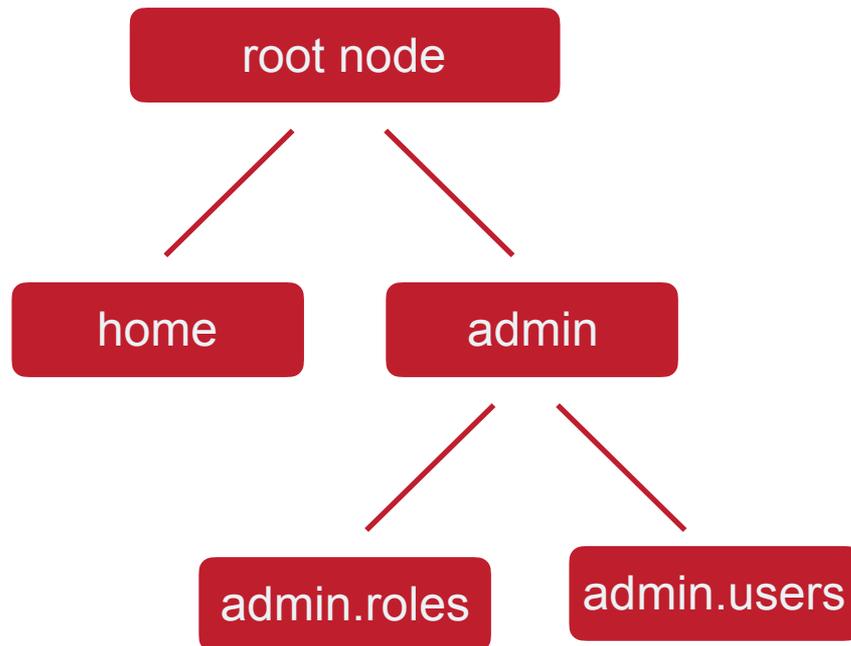
```
import createRouter from 'router5';
import browserPlugin from 'router5/plugins/browser';

const routes = [
  { name: 'home' },
  {
    name: 'admin',
    children: [
      { name: 'roles' },
      { name: 'users' },
    ]
  },
];

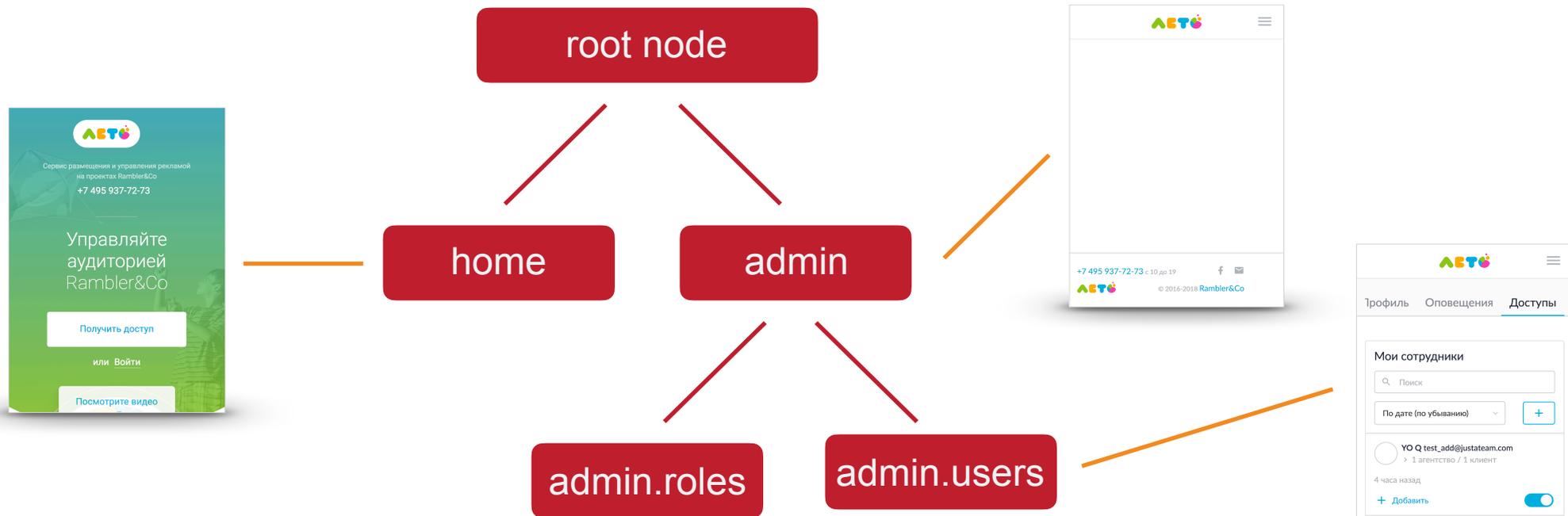
const options = {
  defaultRoute: 'home',
  // ...
};

const router = createRouter(routes, options)
  .usePlugin(browserPlugin());

router.start();
```



Отображение



```
// app.js

import ReactDOM from 'react-dom'
import React from 'react'
import App from './App'
import { createRouter, RouterProvider } from 'react-router5'

const router = createRouter(routes, options)

router.start(() => {
  ReactDOM.render((
    <RouterProvider router={router}>
      <App />
    </RouterProvider>
  ), document.getElementById('root'))
})
```

```
// Main.js

import React from 'react'
import { routeNode } from 'react-router5'
import { UserView, UserList, NotFound } from './components'

function Users(props) {
  const { previousRoute, route } = props

  switch (route.name) {
    case 'users.list':
      return <UserList />
    case 'users.view':
      return <UserView />
    default:
      return <NotFound />
  }
}

export default routeNode('users')(Users)
```

Переход

1

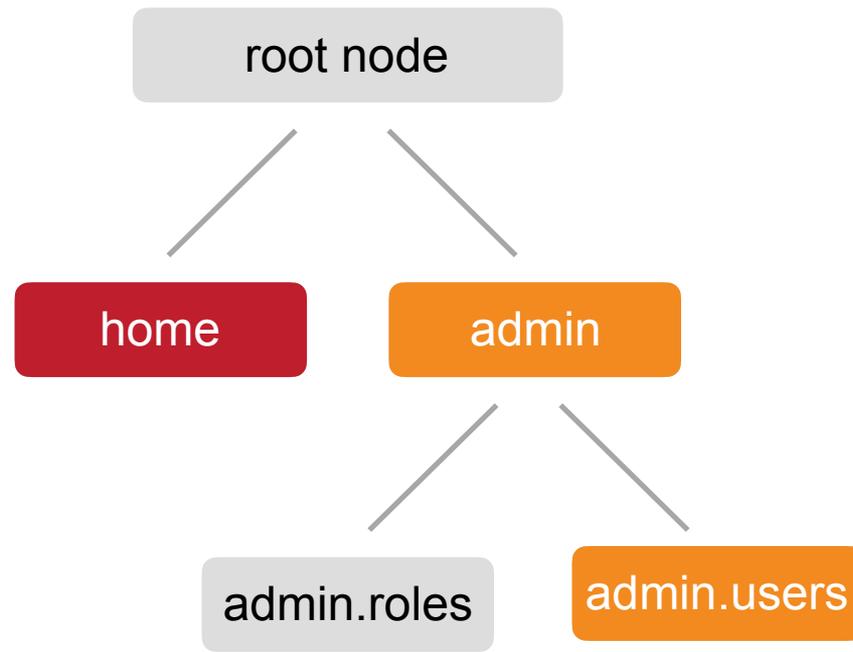
canDeactivate // home

2

canActivate // admin

3

canActivate // admin.user



Middlewares

- Подгрузка компонентов
- I18n
- Prefetch данных
- Ролевая система
- Аналитика

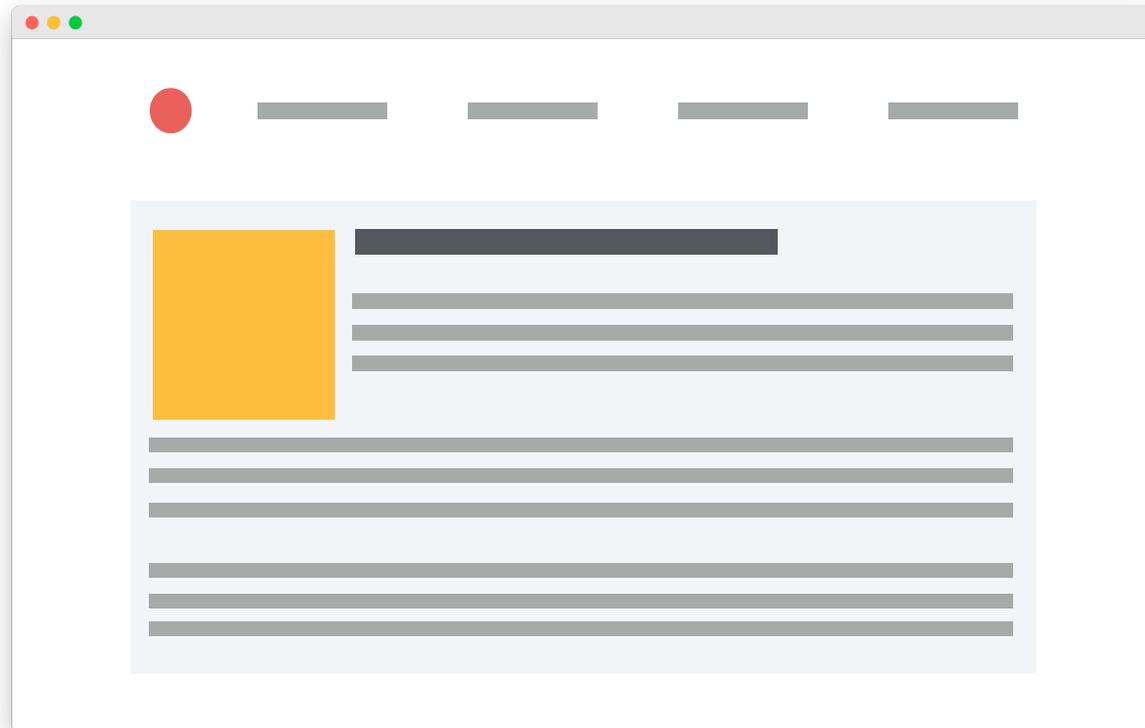
```
router
├── middlewares
│   ├── async-component-loader.js
│   ├── async-i18n-loader.js
│   ├── google-analytics.js
│   ├── graphql-prefetch.js
│   ├── has-permissions.js
│   ├── index.js
│   ├── types.flow.js
│   └── utils.js
```

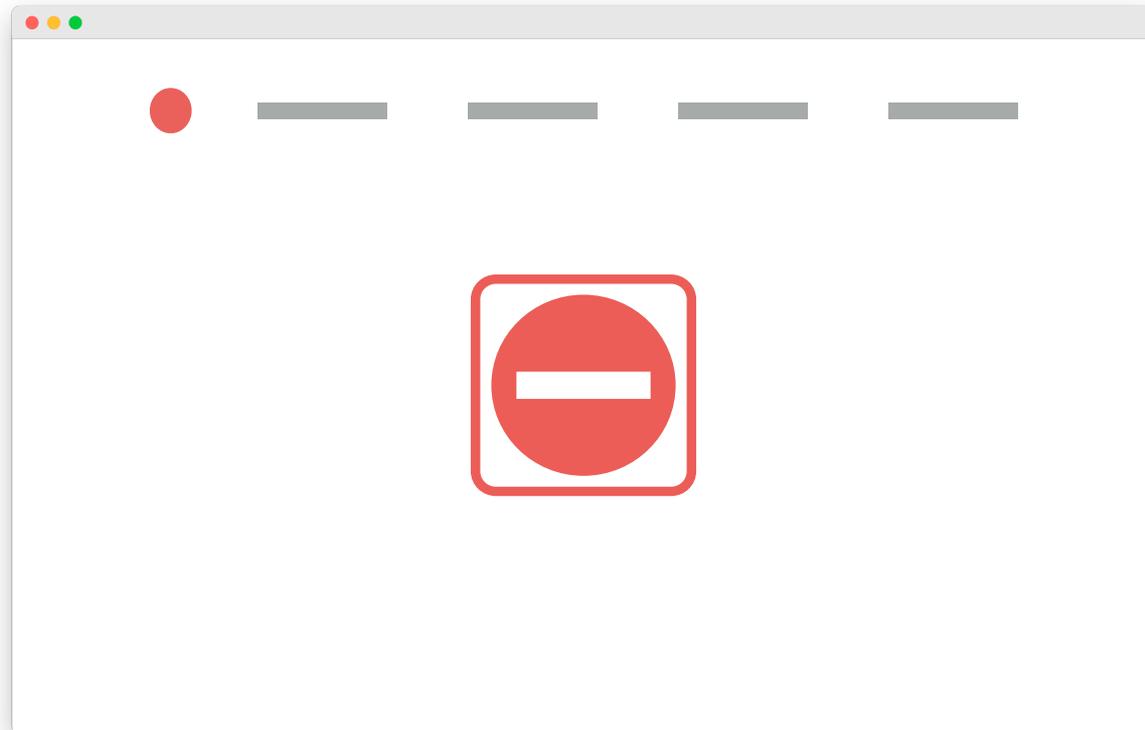
Пример middleware

```
router.canActivate('profile', (router) => (toState, fromState, done) => {
  return isUserLoggedIn()
    .catch(() => Promise.reject({ redirect: { name: 'login' } }));
});

router.navigate('profile', (err, state) => {
  // err is null
  state.name === 'login';
});
```

Загрузка приложения





AETG.

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Выполнение размещения

Выводить метку со статусом «Требуется внимания» и отправлять уведомления для размещений

Размещение не запущено в срок

Не оповещать

Созданные мной

Сильно упало кол-во показов

Не оповещать

Созданные мной

CTR меньше 0.03%

Не оповещать

Созданные мной

Нет показов в течение 3 часов после старта

Не оповещать

Созданные мной

Не успевают докрутиться

Не оповещать

Созданные мной

Отклонение от плана более, чем на 20%

Не оповещать

Созданные мной

Остался последний день, а показов нужно открутить

Не оповещать

Созданные мной

Microsoft is acquiring GitHub! [Read our blog](#) and [Satya Nadella's post](#) to learn more. ×

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artboost / router5-react-redux

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router5 example usage, in an isomorphic React app, with Redux.

router5 react-router5 redux react isomorphic-react router async-data

37 commits 1 branch 0 releases 1 contributor MIT

Branch: master [New pull request](#) [Create new file](#) [Upload files](#) [Find file](#) [Clone or download](#)

 aksel Update README.md ...	Latest commit 07b5565 on 4 Dec 2017
config	Initial commit. 6 months ago
public	Initial commit. 6 months ago
scripts	Renamed the port variables, switched client and server. 6 months ago
src	Added simple loading overlay. 6 months ago
.env	Initial commit. 6 months ago
.gitignore	Initial commit. 6 months ago
LICENSE	Create LICENSE 6 months ago
README.md	Update README.md 6 months ago
package-lock.json	Updated packages in attempts to solve issue #1. 6 months ago

Link

```
import React from 'react'
import { Link } from 'react-router5'

function Menu(props) {
  return (
    <nav>
      <Link routeName="home">Home</Link>
      <Link routeName="about">About</Link>
      <Link routeName="user" routeParams={{ id: 100 }}>User #100</Link>
    </nav>
  )
}

export default Menu
```

Построение путей

```
const router = router5([
  { name: 'admin', path: '/admin' },
  { name: 'admin.users', path: '~//users?param1' },
  { name: 'admin.user', path: '^/user/:id' },
  { name: 'help', path: '^/help/*splat' }
]);

console.log(router.buildPath('admin')); // '/admin'
console.log(router.buildPath('admin.users')); // '/users'
console.log(router.buildPath('admin.users', { param1: true })); // '/users?param1=true'
console.log(router.buildPath('admin.users', { id: 100 })); // '/user/100'
console.log(router.buildPath('admin.user', { id: 100 })); // '/user/100'
console.log(router.buildPath('help', { splat: [1, 2, 3] })); // '/help/1/2/3'
```

Decode и encode параметров

```
export default {  
  name: 'help',  
  
  path: '/help*slugs',  
  
  loadComponent: () => import('./index'),  
  
  encodeParams: ({ slugs }) => slugs.join('/'),  
  decodeParams: ({ slugs }) => slugs.split('/'),  
  
  defaultParams: {  
    slugs: [],  
  },  
};
```



Спасибо за внимание!



<https://goo.gl/3LPfsf>