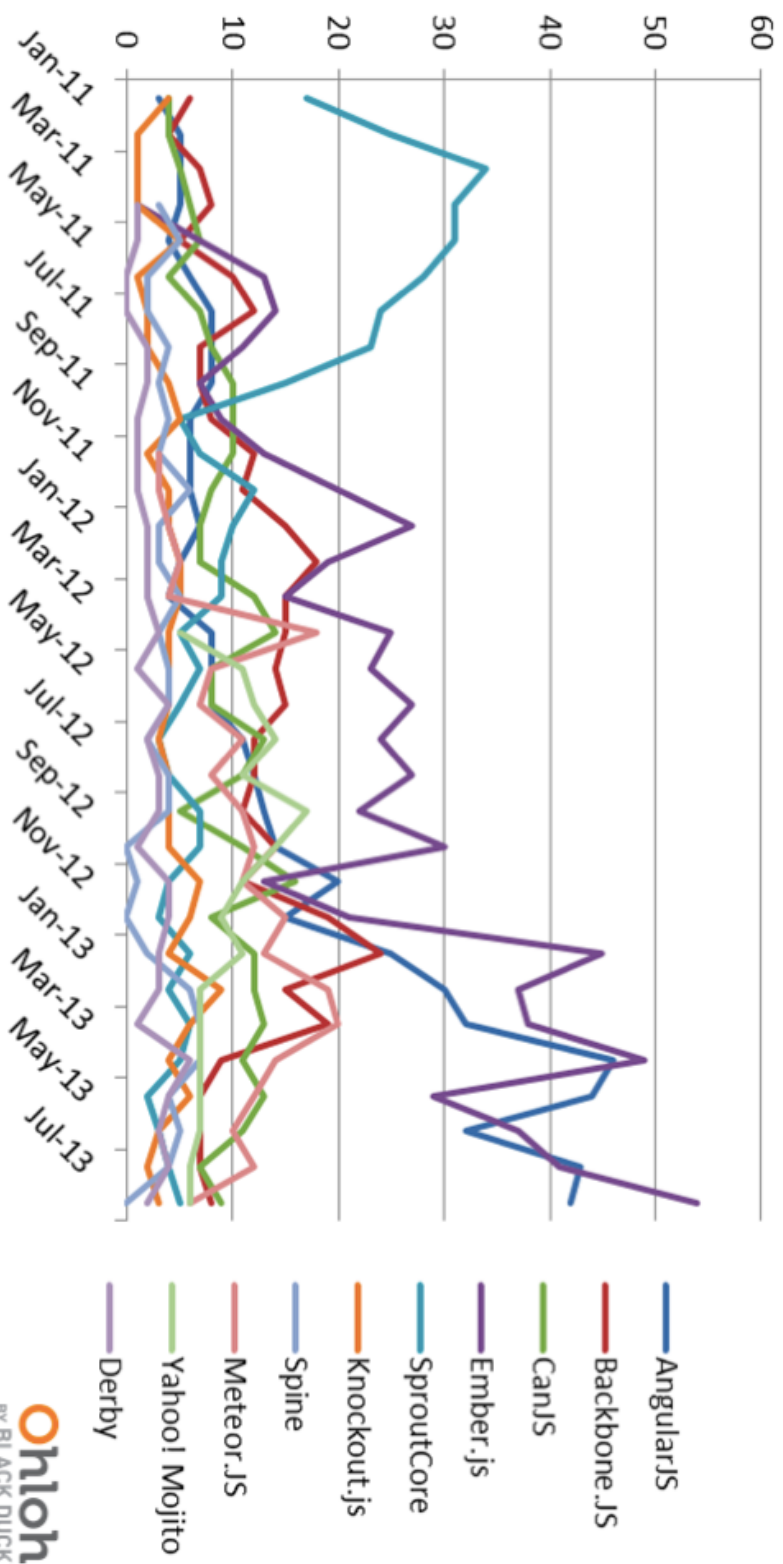


ReactJS

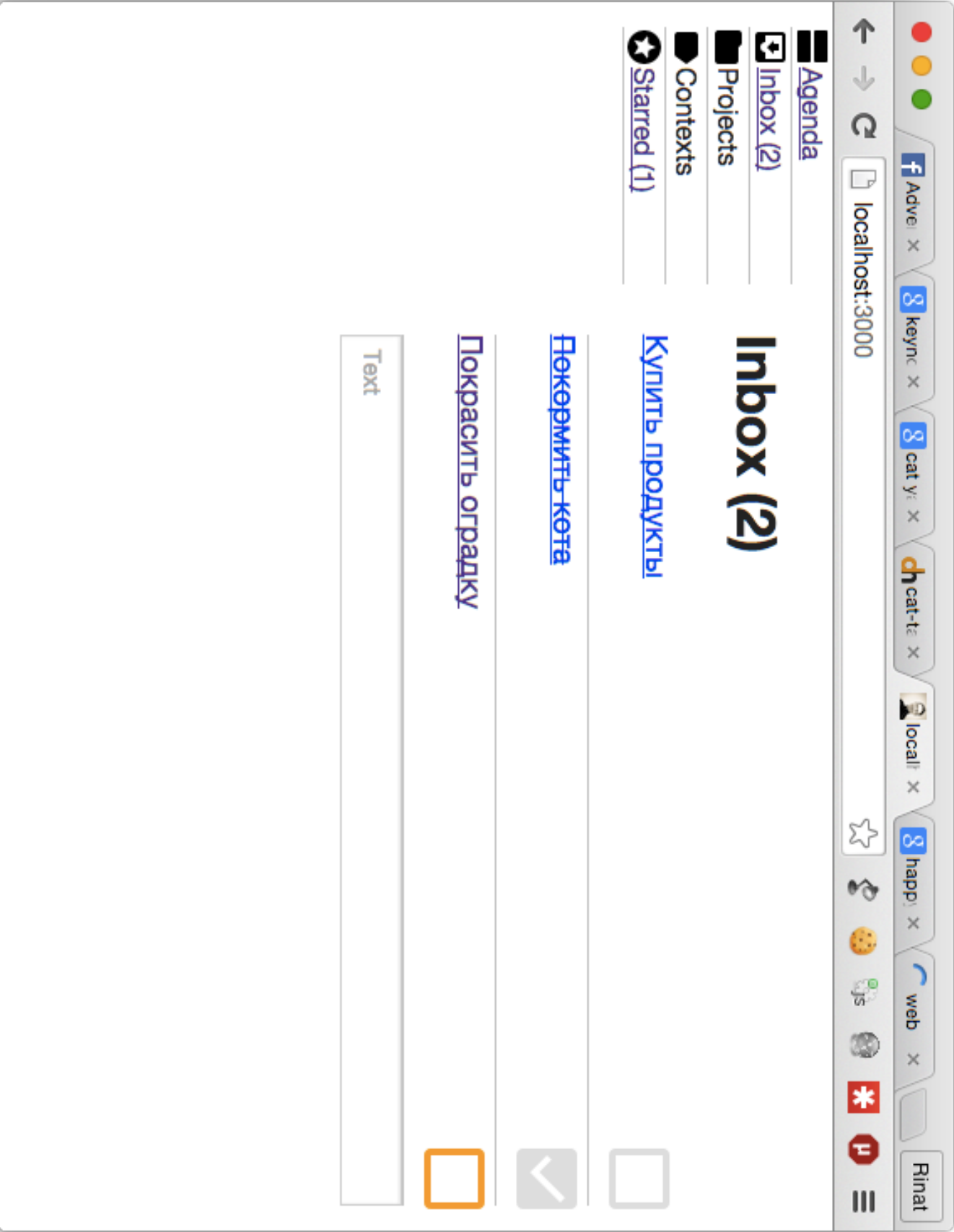
Свет в конце тоннеля

Web UI Разработка

MVC Приложение



Web UI Frameworks





Advertise on Facebook

STEP 1: CREATE YOUR CAMPAIGN

Choose the objective for your campaign

Help: Choosing an Objective

 Boost your posts

 Promote your Page

 Send people to your website

 Increase conversions on your website

 Get installs of your app

 Increase engagement in your app

 Raise attendance at your event

 Get people to claim your offer

 Get video views

Use the Page Likes objective to promote Facebook Page.



Проблемы Масштаба

- Чем больше фич, тем сложнее работать
- Чем больше людей, тем сложнее работать
- Код становится непредсказуем, а разработка - дорогой

Facebook

Ads Org



Search Facebook



Rinat Home



You can create a Custom Audience to show ads to your contacts, website visitors or app users. Create a Custom Audience

Locations ?

Russia

All Russia

Add a country, state/province, city or ZIP

Age ?

18 ▼

-

65+ ▼

Gender ?

All

Men

Women

Languages ?

Enter a language...

More Demographics ▼

Interests ?

Fitness and wellness

Dieting

Computers

Suggestions

Browse

Behaviors ?

Video games

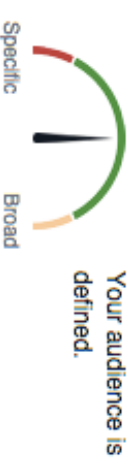
Online

Application software

Connections ?

Smartphones

Audience Definition



Audience Details:

- Location:
 - Russia
- Interests:
 - Dieting
- Connections:
 - Exclude people who like My Dream City
- Age:
 - 18 - 65+
- Gender:
 - Male

Potential Reach: 6,400 people

812,109,220 people

Description: People who have expressed an interest in or like pages related to *Computers*

(data) => View

Buddy List



Rinat

Home



4



Inbox (20)

Other (3)

Mark All as Read · Send a New Message



Mikhail Zelenin (1)

📎 <http://fox.ru/J2b3jQktqegvA6> - пропала фотография в бл...

Jan 11



Tomas Roos (6)

It

10/9/14



Tat Ra (1)

Please sign and share this petition with everyone who cares. It...

9/12/14



Ivan Loginov (1)

Ринат, добрый день! Хотел бы познакомиться вас со своим ...

7/22/14



Anna Sarganova (7)

📎 Ринат, представляешь, <http://mydreamcity.org/http://mydr...>

2/23/14



Facebook User (1)

1/29/14

See All

Click a photo to expand.

X

See All

Timur Valtov
1 mutual friend



ReactJS

ReactJS

Compose UI from components written in declarative
imperative code

(data) => View

Declarative imperative code

Простой Компонент

```
var TodoList = React.createClass({
  render: function() {
    var createItem = function(itemText) {
      return <li>{itemText}</li>;
    };
    return <ul>{this.props.items.map(createItem)}</ul>;
  }
});

// ul + li - components, too
```

“Рендерить все, и никаких гвоздей”

–ReactJS

REACT COMPONENT \Rightarrow INSTANCE

\uparrow RENDER
VIRTUAL
DOM

SYNC
 \Leftrightarrow

DOM

CODE	MEMORY (FAST)	REACT MAGIC	BROWSER (SLOW)
------	------------------	----------------	-------------------

ReactJS

- Собираем UI из компонентов, которые рендерятся в виртуальный DOM.
- ReactJS синхронизирует VDOM с DOM в браузере.
- JSX - опциональный, но очень удобный формат.
- ReactJS компоненты содержат код и шаблон в одном файле.
- Может рендериться на клиенте и сервере.
- Работает **ОЧЕНЬ** быстро.

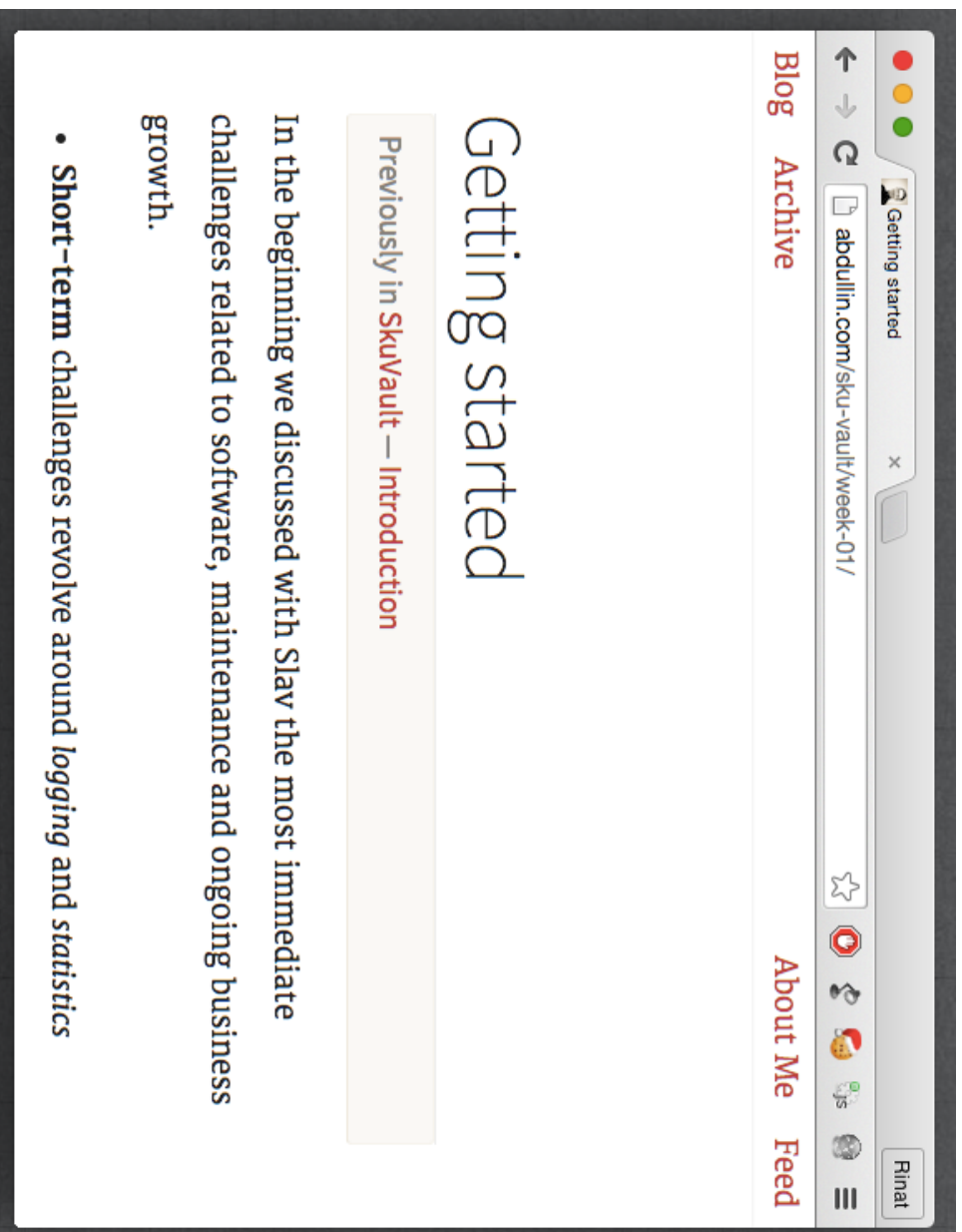
State

```
var TodoApp = React.createClass({
  getInitialState: function() {
    return {items: [], text: ''};
  },
  onChange: function(e) {
    this.setState({text: e.target.value});
  },
  handleSubmit: function(e) {
    e.preventDefault();
    var nextItems = this.state.items.concat([this.state.text]);
    var nextText = '';
    this.setState({items: nextItems, text: nextText});
  },
  render: function() {
    return (
      <div>
        <h3>TODO</h3>
        <TodoList items={this.state.items} />
        <form onSubmit={this.handleSubmit}>
          <input onChange={this.onChange} value={this.state.text} />
          <button>{'Add #' + (this.state.items.length + 1)}</button>
        </form>
      </div>
    );
  }
});
```


Вопросы?

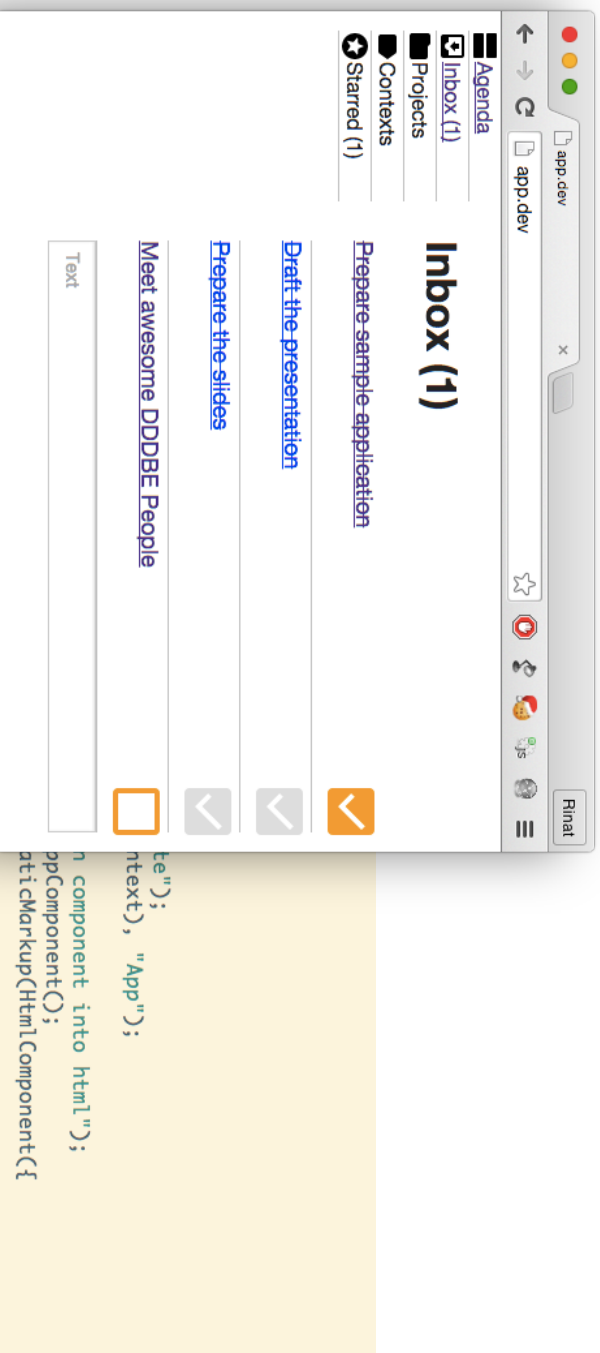
Re: ReactJS and UI composition

Смотрим дѣмку и код



UINCTO ReactJS

// abdullin.com



<https://github.com/abdullin/gtd>

А что, если?

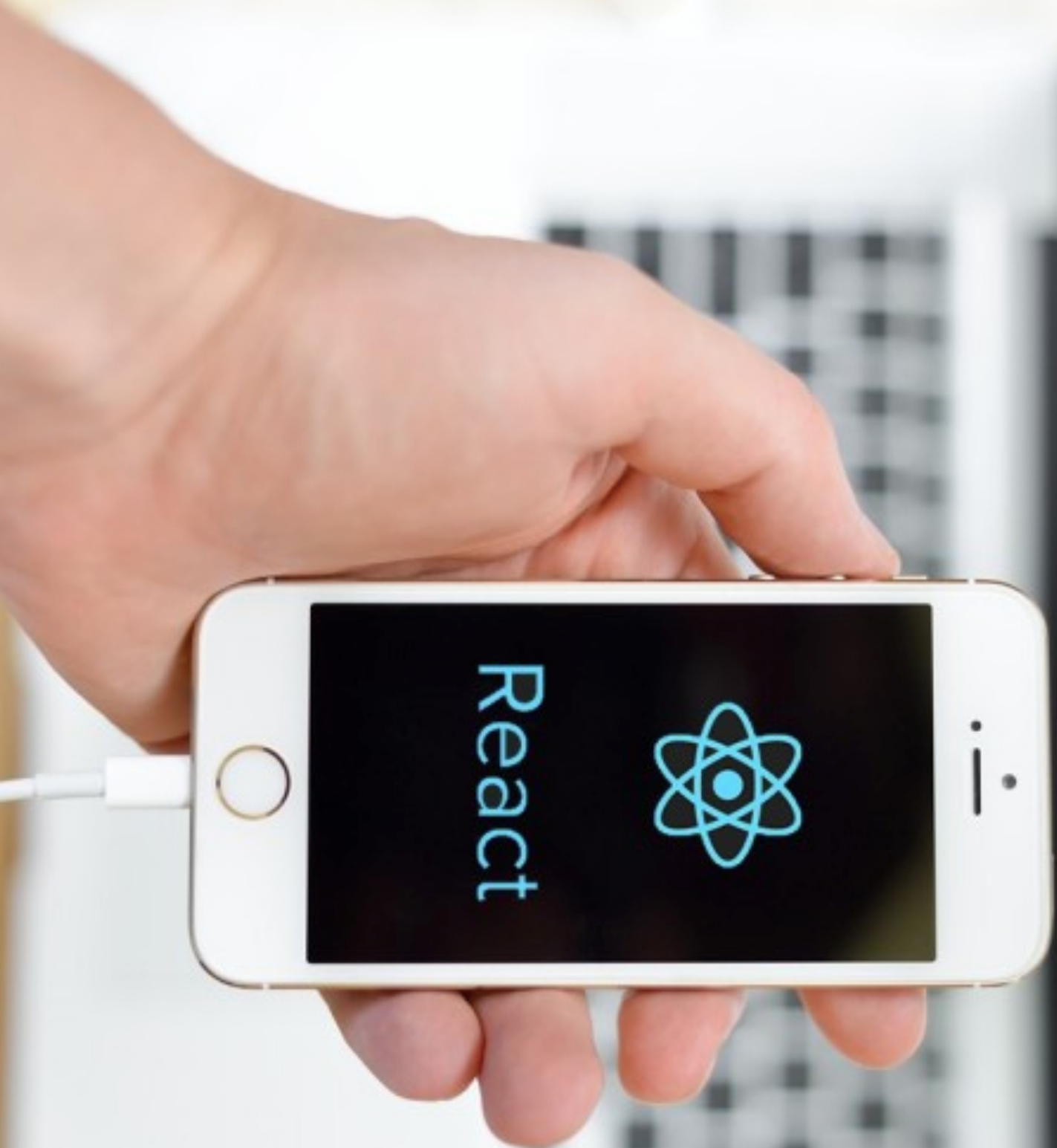
REACT COMPONENT \Rightarrow INSTANCE

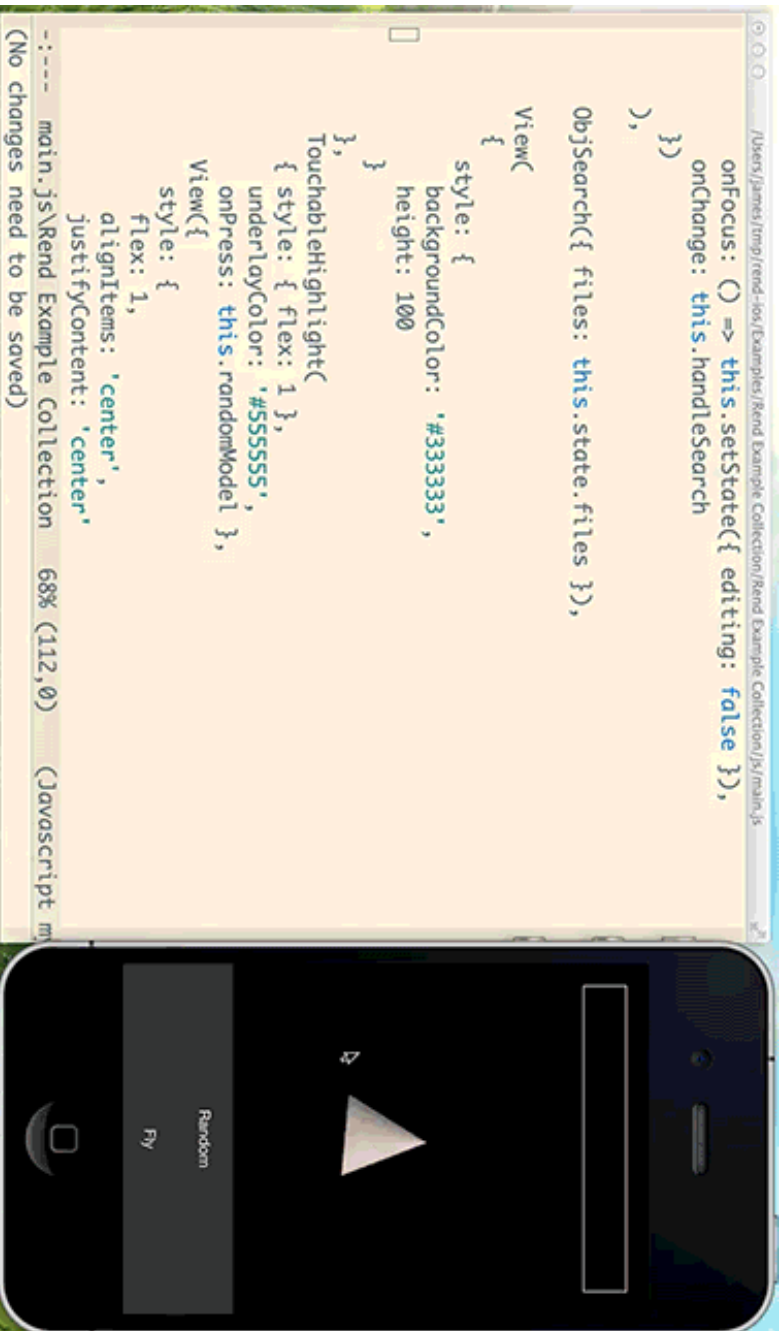
\uparrow RENDER
VIRTUAL
DOM

SYNC
 \Leftrightarrow

DOM

CODE	MEMORY (FAST)	REACT MAGIC	BROWSER (SLOW)
------	------------------	----------------	-------------------





Вопросы?

@abdullin / <http://abdullin.com>