

Особенности создания веб–сайтов для мобильных устройств

Дмитрий Дулепов

дизайнер | веб-разработчик | фотограф | путешественник

Дмитрий Дулепов

37 лет

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37 лет

14 лет веб-разработок

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37 лет

14 лет веб–разработок



TYROZ CMS

Дмитрий Дулепов

37 лет

14 лет веб–разработок



TYPO3 CMS



www.calis.lv

Почему это важно?

Важно, потому что

Почему это важно?

В чём проблема?

Почему это важно?

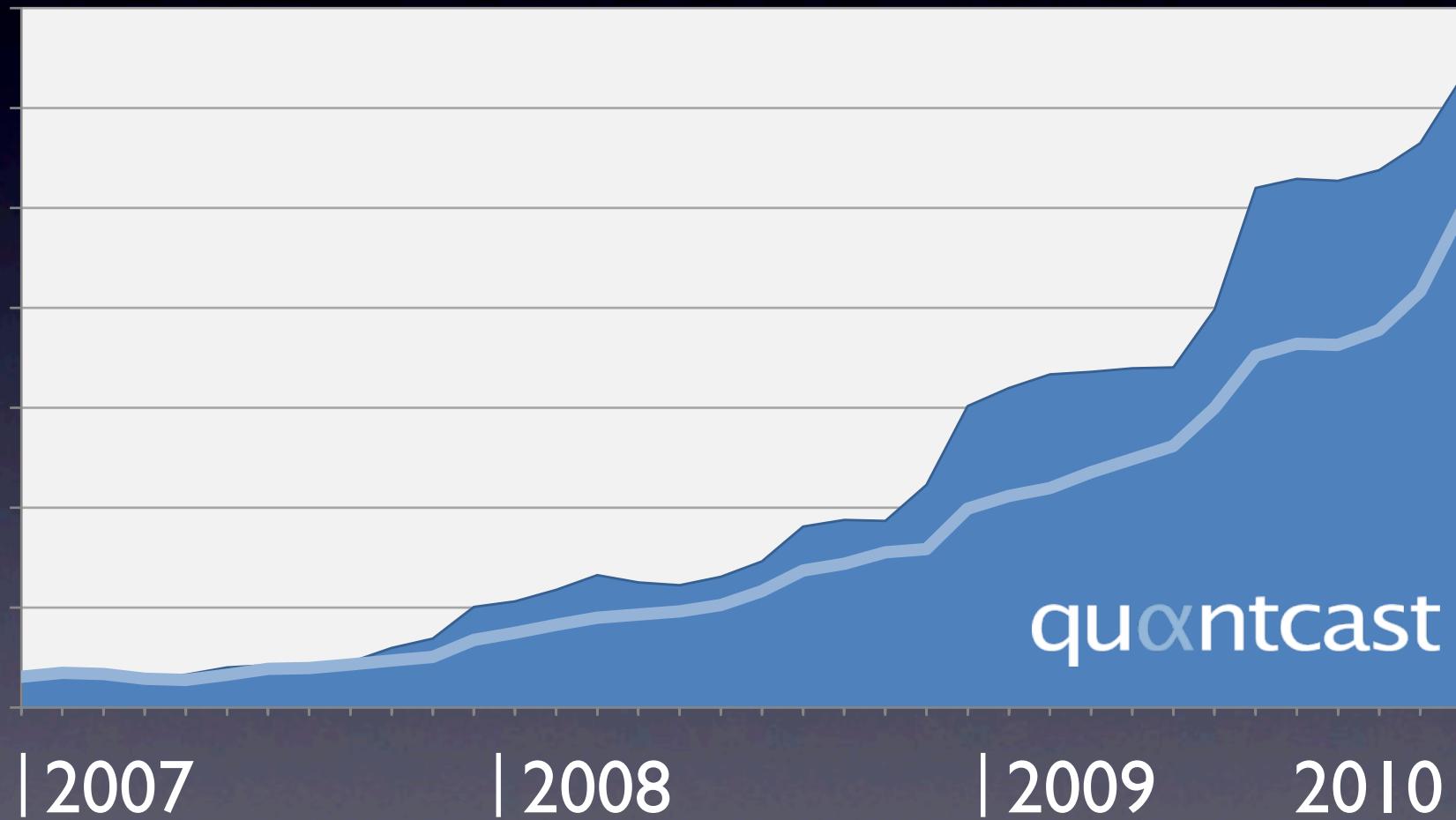
В чём проблема?

Как сделать сайт?

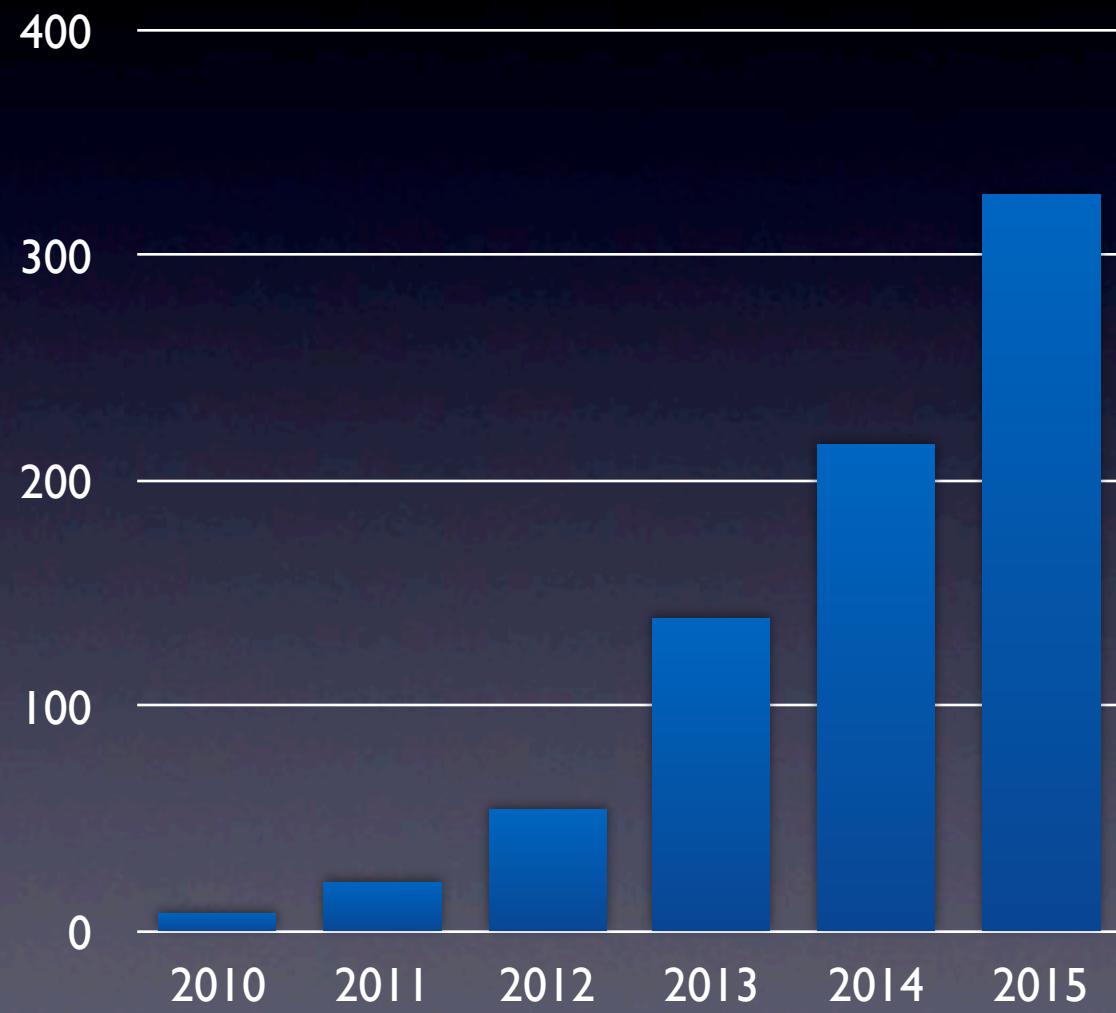
Почему это важно?

Жизнь становится мобильной

Использование мобильного Интернета

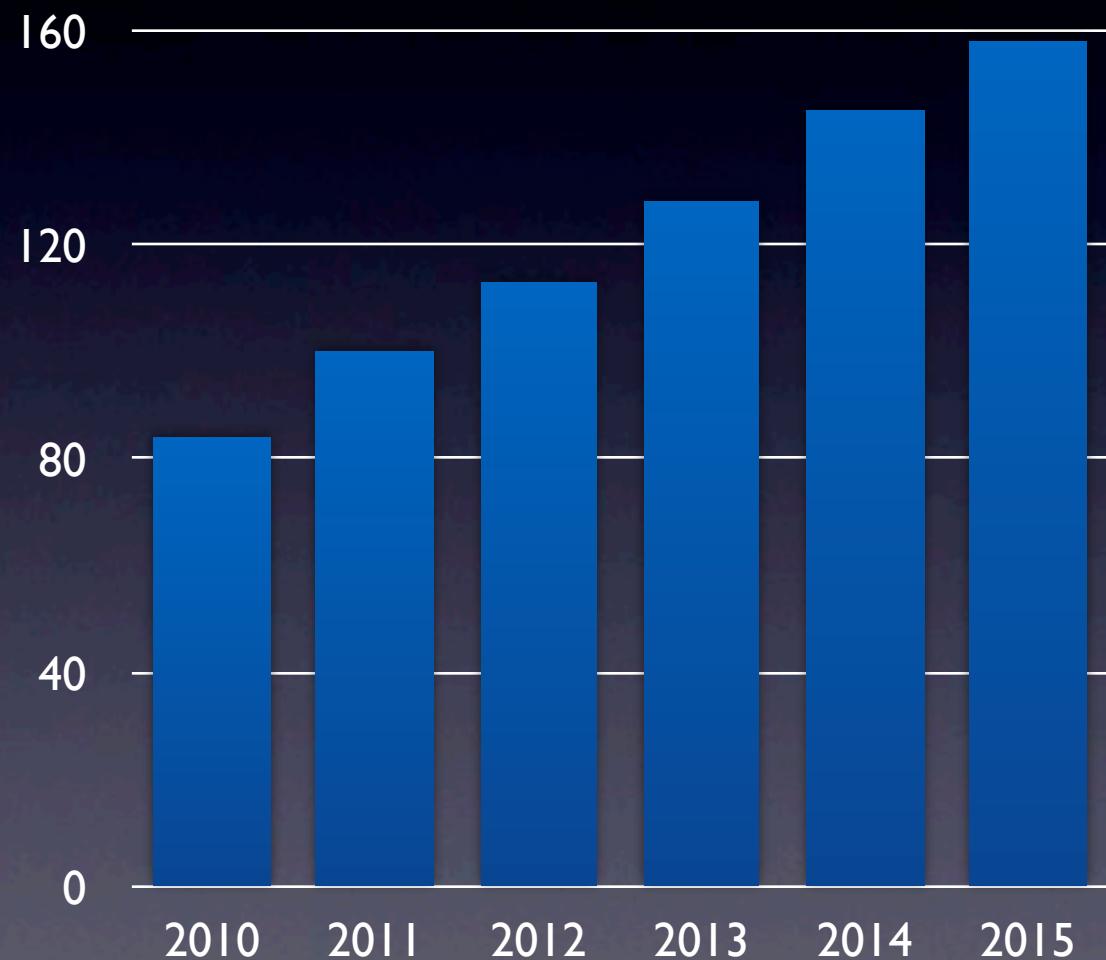


Мобильный трафик в будущем



$1\text{PB} = 10^{15} \text{ B}$

Мобильные пользователи





Мобильный vs обычный сайт?

Мобильный vs обычный сайт?



Мобильный vs обычный сайт?

Размер экрана до 1024x768

Мобильный vs обычный сайт?

Размер экрана до 1024x768



Мобильный vs обычный сайт?

Размер экрана до 1024x768



Мобильный vs обычный сайт?

Размер экрана до 1024x768



64%

Мобильный vs обычный сайт?

Размер экрана до 1024x768



64%



8%



Мобильный vs обычный сайт?

Размер экрана до 1024x768



64%



8%



?

Мобильный vs обычный сайт?

Размер экрана до 1024x768



64%



8%



?

Отсутствие плагинов

WE ❤
APPLE



Adobe

WE ❤
APPLE



Adobe

WE
ADOBE



Как же сделать мобильный сайт?



Использование стандартов



Использование стандартов

Web application frameworks

iWebKit

Apple's open source webkit-based rendering engine.

It's the core of Safari, and the basis for iOS and OS X.

It's also used in other Apple products like Mail and iBooks.

It's available for download at webkit.org.

It's a great way to learn about web technologies and how they work.

It's also a great way to contribute to open source projects.

So if you're interested in learning more about web technologies or contributing to open source projects, check out iWebKit!

And if you have any questions, feel free to ask in the comments below!

Thanks for reading, and happy coding!

If you liked this post, consider sharing it with your friends and family.

Or if you have any questions, feel free to ask in the comments below!

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Thanks for reading, and happy coding!

iWebKit

WebApp.Net

iWebKit

WebApp.Net

SproutCore

iWebKit

iWebKit simple.

FAQ - Contact - Support us

Home demo gallery download forum donate

Up to **3X** Faster

INTRODUCING IWEBKIT 5.
A BETTER AND MORE ADAPTIVE CORE
WITH CSS3, FOR THE LIGHTEST AND
MOST POWERFUL IWEBKIT EVER MADE

IWEBKIT IS A SIMPLE FRAMEWORK TO CREATE YOUR OWN IPHONE AND IPOD TOUCH WEBAPP IN JUST A FEW MINUTES.

What's new?

- Most Images are now replaced by a css gradient.
- Form elements are now fully css3 styled.
- The topbar thin in landscape mode.
- Black and transparent topbar options.
- New ipod and appstore style lists.
- Added search field for under topbar.
- Added blue button.
- Added new icons for your menu.

What is iWebKit

iWebKit is a file package designed to help you create your own iPhone, iPod Touch and iPad compatible website or webapp. The kit is accessible to anyone even people without any html knowledge and is simple to understand thanks to the included tutorials. In a couple of minutes you will have created a full and professional looking website. iWebKit is a great tool because it is very

I68+ Phone Only \$50
Amazing Dual SIM Card I68 with Java
Free 2G Cards, Solar Charger, Action
I68Phone, LightInTheBox.com

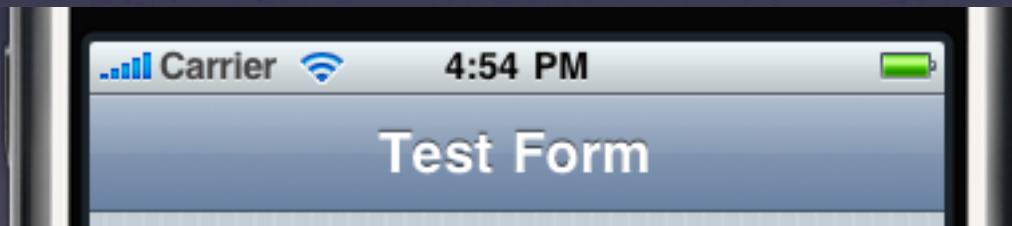
Мобильные телефоны iPhone...
Зарегистрируйся и купи Телефоны
iPhone на Молоток.Ru.
Molotok.ru

iWebKit

```
<div id="topbar">
  <div id="title">Test Form</div>
</div>
```

iWebKit

```
<div id="topbar">
  <div id="title">Test Form</div>
</div>
```

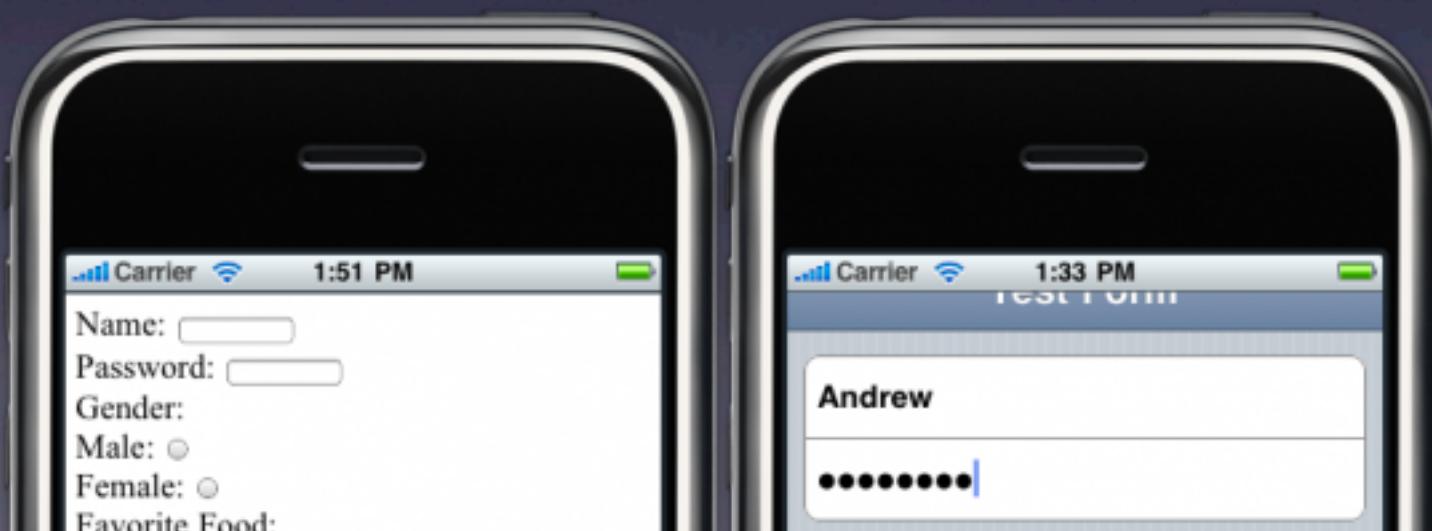


iWebKit

```
<ul class="pageitem">
  <li class="bigfield"><input placeholder="Name"
name="name" type="text" /></li>
  <li class="bigfield"><input placeholder="Password"
name="passw" type="password" /></li>
</ul>
```

iWebKit

```
<ul class="pageitem">
  <li class="bigfield"><input placeholder="Name"
name="name" type="text" /></li>
  <li class="bigfield"><input placeholder="Password"
name="passw" type="password" /></li>
</ul>
```



iWebKit

```
<span class="graytitle">Gender</span>
<ul class="pageitem">
  <li class="radiobutton">
    <span class="name">Male</span>
    <input name="gender" type="radio" value="M" />
  </li>
```

iWebKit

```
<span class="graytitle">Gender</span>
<ul class="pageitem">
  <li class="radiobutton">
    <span class="name">Male</span>
    <input name="gender" type="radio" value="M" />
</li>
```

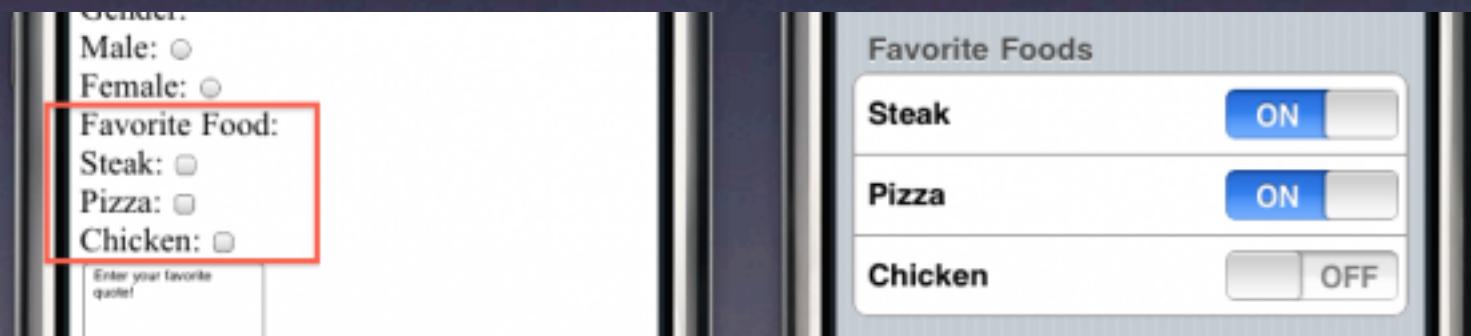


iWebKit

```
<li class="checkbox">
  <span class="name">Steak</span>
  <input name="steak" type="checkbox" />
</li>
```

iWebKit

```
<li class="checkbox">  
  <span class="name">Steak</span>  
  <input name="steak" type="checkbox" />  
</li>
```

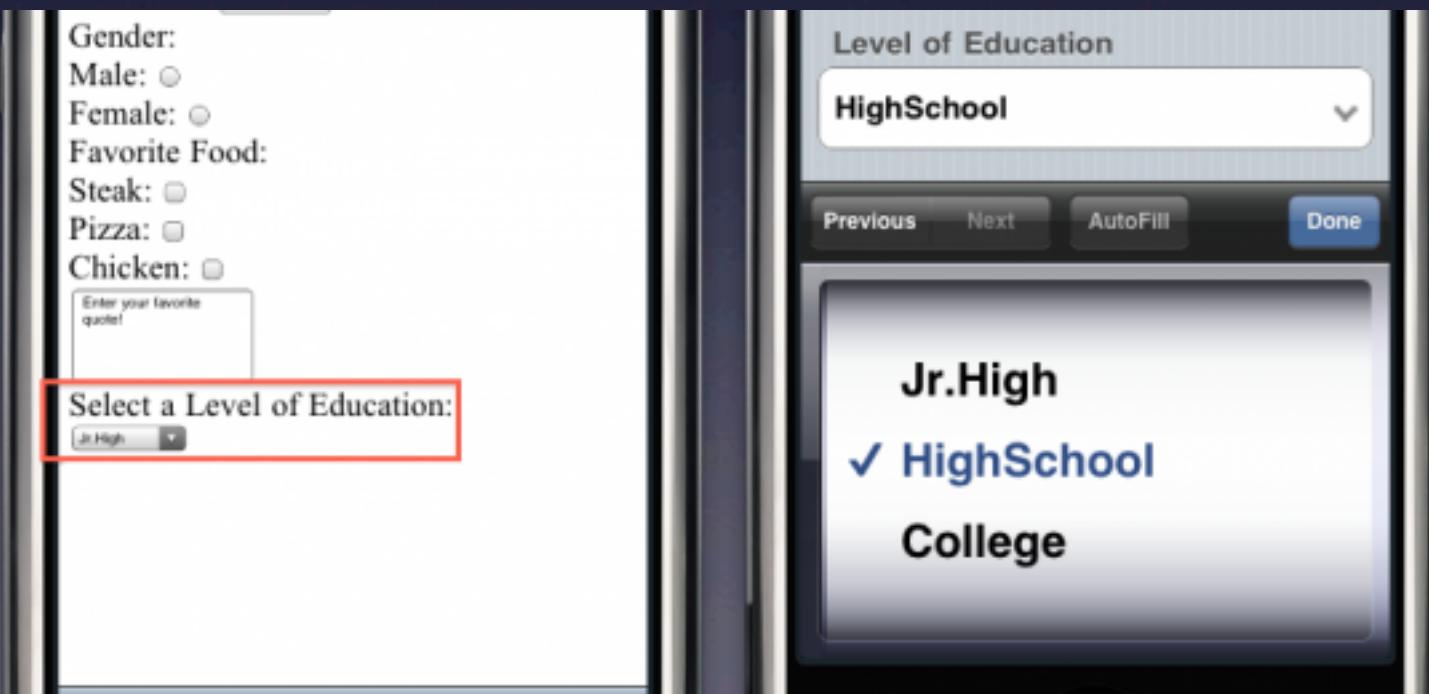


iWebKit

```
<li class="select">
  <select name="education">
    <option value="Jr.High">Jr.High</option>
```

iWebKit

```
<li class="select">  
  <select name="education">  
    <option value="Jr.High">Jr.High</option>
```



Тестирование

Составление тестовых сценариев и тестов для проверки правильности работы ПО.

Проверка соответствия ПО техническим требованиям и стандартам.

Обнаружение и устранение ошибок в ПО.

Проверка производительности и надежности ПО.

Проверка безопасности и конфиденциальности данных в ПО.

Проверка соответствия ПО законодательству и нормативным документам.

Проверка соответствия ПО требованиям клиентов и заказчиков.

Проверка соответствия ПО стандартам качества и сертификации.

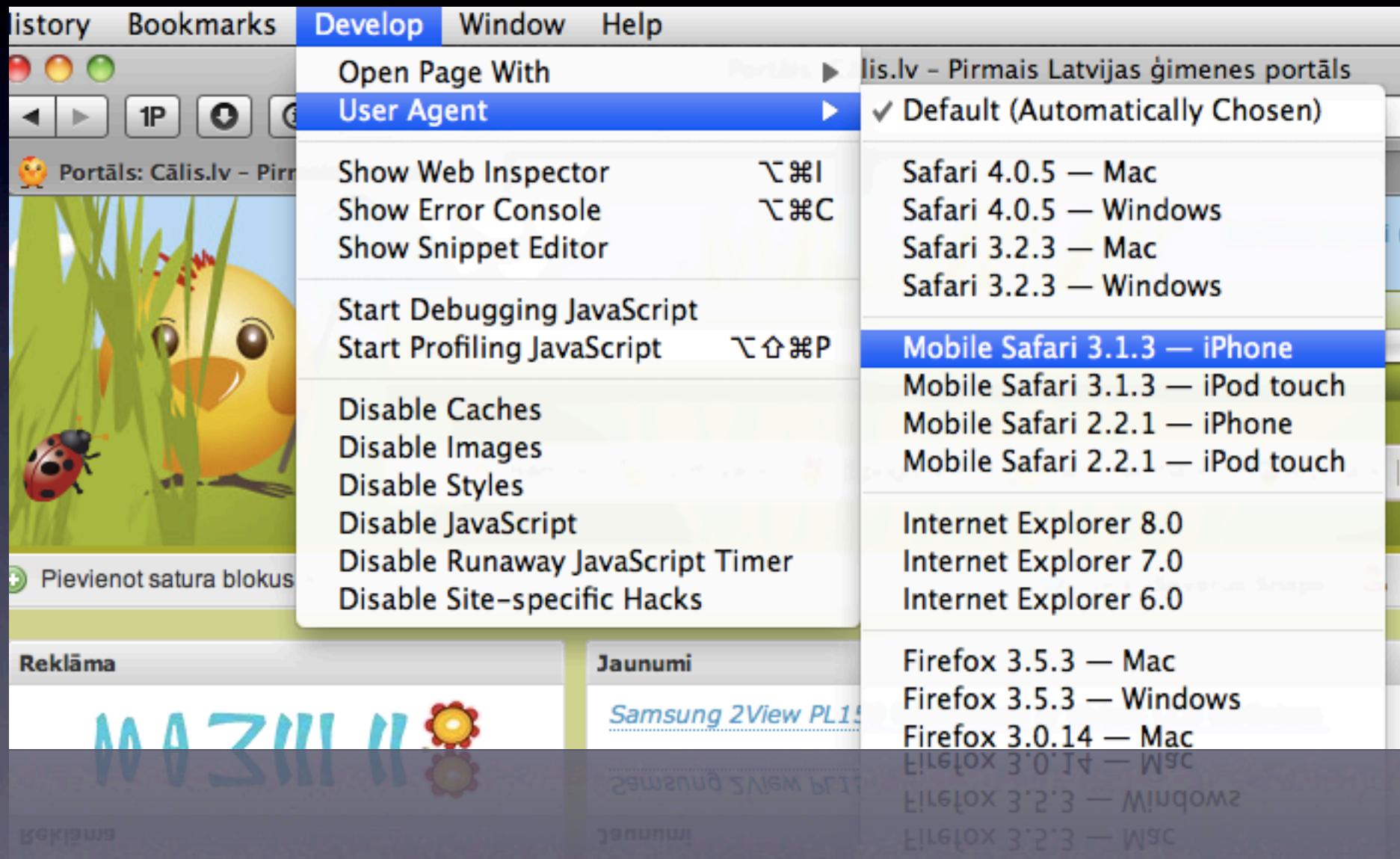
Проверка соответствия ПО требованиям индустрии и отрасли.

Проверка соответствия ПО требованиям безопасности и защиты информации.

Проверка соответствия ПО требованиям экологичности и энергосбережения.

Проверка соответствия ПО требованиям социальной ответственности и этического поведения.

Тестирование



WebApp.Net

Home News Features Changes Web applications Work in progress Support Documentation Demo

A red circular badge with the text "FREE TO USE" is overlaid on the left side of the devices.

A WEB APPLICATION MICRO-FRAMEWORK*

WebApp.Net is a light weight, powerful javascript framework taking advantage of AJAX technology. It provides a full set of ready to use components to help you develop, quickly and easily, advanced mobile web applications.

Get it now: v0.5.2

Support this project using PayPal. It is fast and secure.

0.5.2 IS OUT!

At last, the new version is available for download today. This is again a maintenance release but with small interesting enhancements like an easy way to set a spinner into a header button. Useful for asynchronous forms. Performances have been also slightly improved. But the main fix is the flickering effect with big layer, it is now gone! So, check the changes and download this great new version right now!

06 FEB, 1:24PM

WebApp.Net

```
<div id="WebApp">
    <div id="iHeader">...</div>
    <div id="iGroup">
        <div class="iLayer"> ... </div>
        <div class="iLayer"> ... </div>
    </div>
    <div id="iFooter">...</div>
</div>
```

SproutCore

Signup Demo

Things to try:

- Click "Signup"
- Complete the form and press "Signup"
- Repeat.

Complete the information below to signup:

Name:

Email:

Sex: Male Female

Send me an email about important news and new features

[Logout](#) [Signup](#)

SproutCore

```
Twitter.mainPage = SC.Page.design({
```

```
    mainPane: SC.MainPane.design({
        childViews: 'topView tabView'.w(),
```

```
    topView: SC.View.design({
        classNames: 'topBar'.w(),
        layout: { top: 0, left: 0, right: 0, height: 70 },
        childViews: 'twitterLogo searchField loginButton'.w(),
```


iWebKit

Apple's open source webkit-based rendering engine.

Based on the WebKit rendering engine.

Provides a fast, reliable, and standards-compliant rendering engine.

Supports a wide range of platforms, including iOS, OS X, and tvOS.

Provides a rich set of APIs for building web-based applications.

Includes support for CSS, JavaScript, and XMLHttpRequest.

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iWebKit

Фокус на внешности (HTML + CSS)



iWebKit

Фокус на внешности (HTML + CSS)

Нет серверных компонентов

iWebKit

Фокус на внешности (HTML + CSS)

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WebApp.Net

iWebKit

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Есть HTML + CSS

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Есть HTML + CSS

Фокус на работе с сервером

iWebKit

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Фокус на работе с сервером

SproutCore

JavaScript framework

iWebKit

Фокус на внешности (HTML + CSS)

Нет серверных компонентов

WebApp.Net

Есть HTML + CSS

Фокус на работе с сервером

SproutCore

JavaScript framework

“Cocoa для web”

Gianduia

Итоги

Вопросы?