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Обзор отладчиков для веб-разработки

2006



A detailed, close-up photograph of a fly's head and upper body. The fly has large, prominent red eyes with a distinct hexagonal pattern. Its body is a mix of brown and tan colors. The wings are transparent with a visible venation pattern, appearing reddish-orange due to the lighting. The background is dark, making the fly stand out.

Opera 9.5



в Safari 3 точно есть



IE 8 – встроен
My-DebugBar.com
IE Developer Toolbar



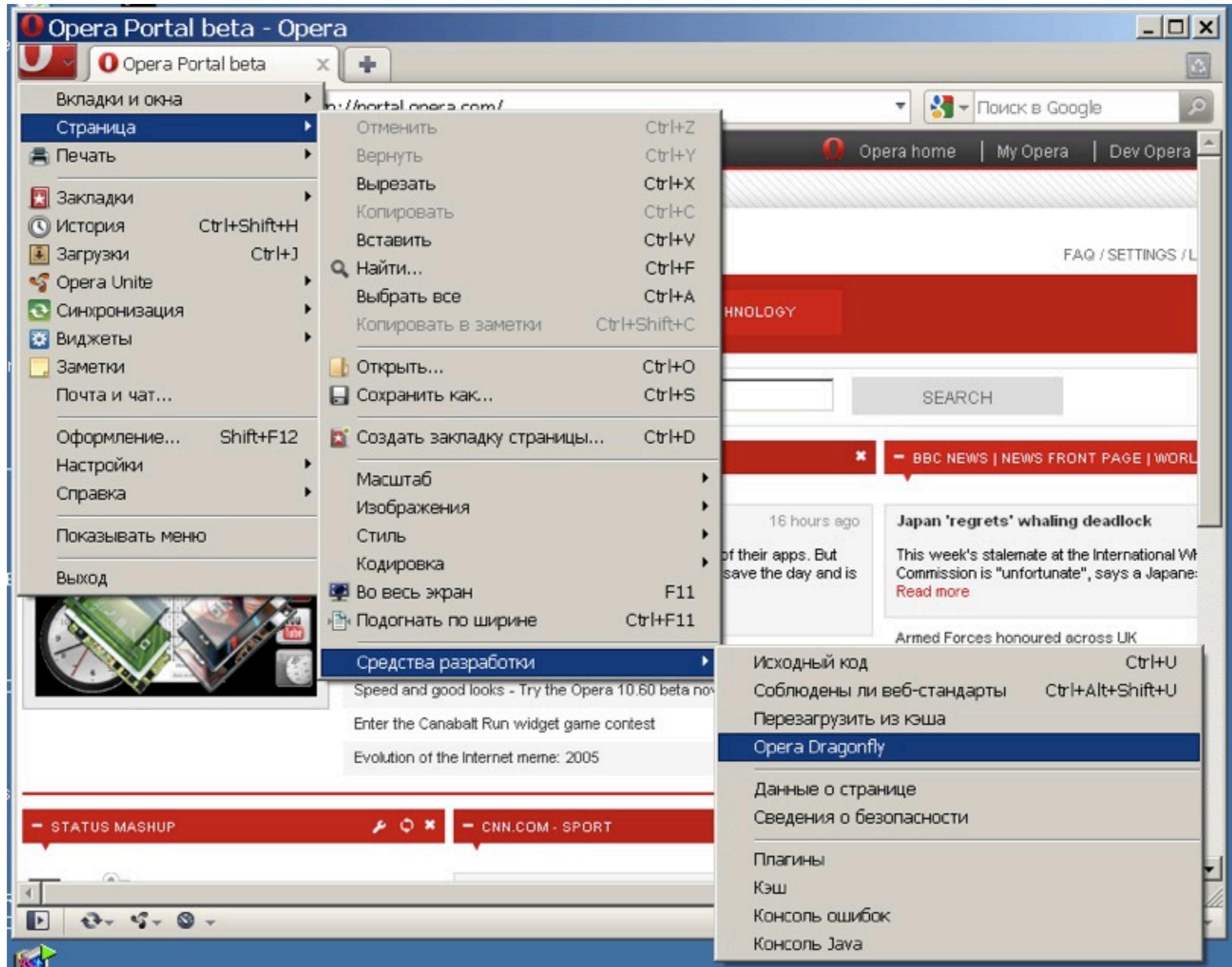
F12

FireBug
IE8 Developer Toolbar

Ctrl+Alt+I

⌘+⌥+I

WebKit Web Inspector



$$T = a + b \log_2(D/W + 1)$$



 Web Standards Days | Санкт-Петербург
26.06.2010



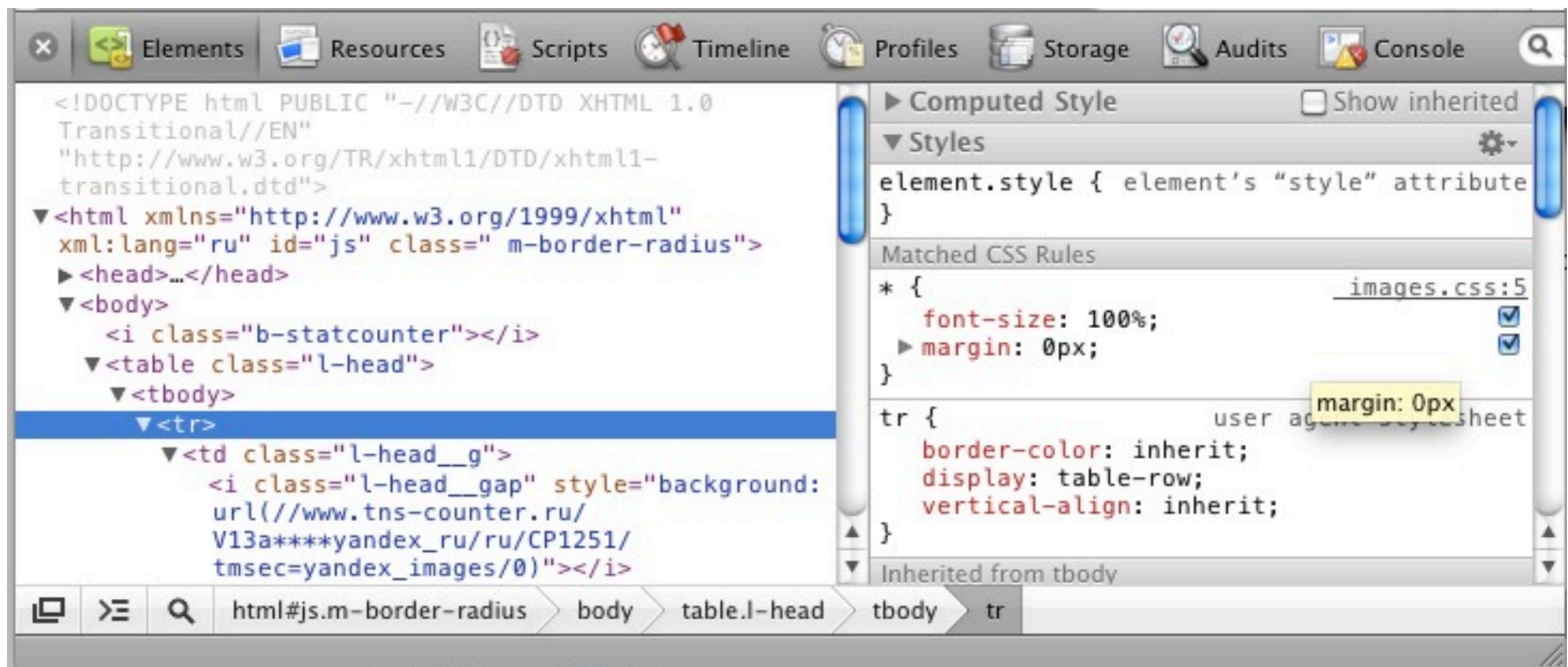
FireBug

The screenshot shows the Firebug developer toolbar interface. The top navigation bar includes icons for bug, zoom, and refresh, followed by tabs: Консоль (Console), HTML (selected), CSS, Сценарий (Script), DOM, Сеть (Network), Pixel Perfect, and search. Below the tabs is a toolbar with icons for Редактировать (Edit), Copy, Paste, and others.

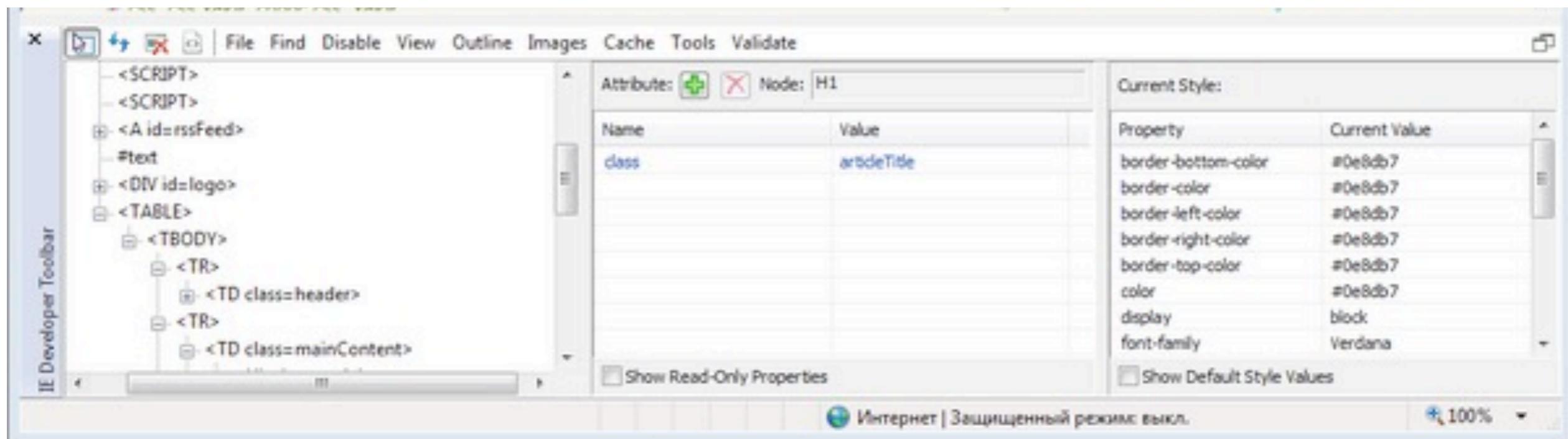
The left pane displays the HTML structure:

```
<html>
  <head>
  <body>
    <div style="background-color: rgb(206, 237, 252); border-bottom: 1px solid rgb(193, 193, 193);">
      <div class="TopMenuContainer">
        <div class="TopMenuLeftLeft">&nbsp;</div>
        <div class="TopMenuLeft">
           body

# Webkit Developer Toolbar



# IE Developer Toolbar



# Debugbar

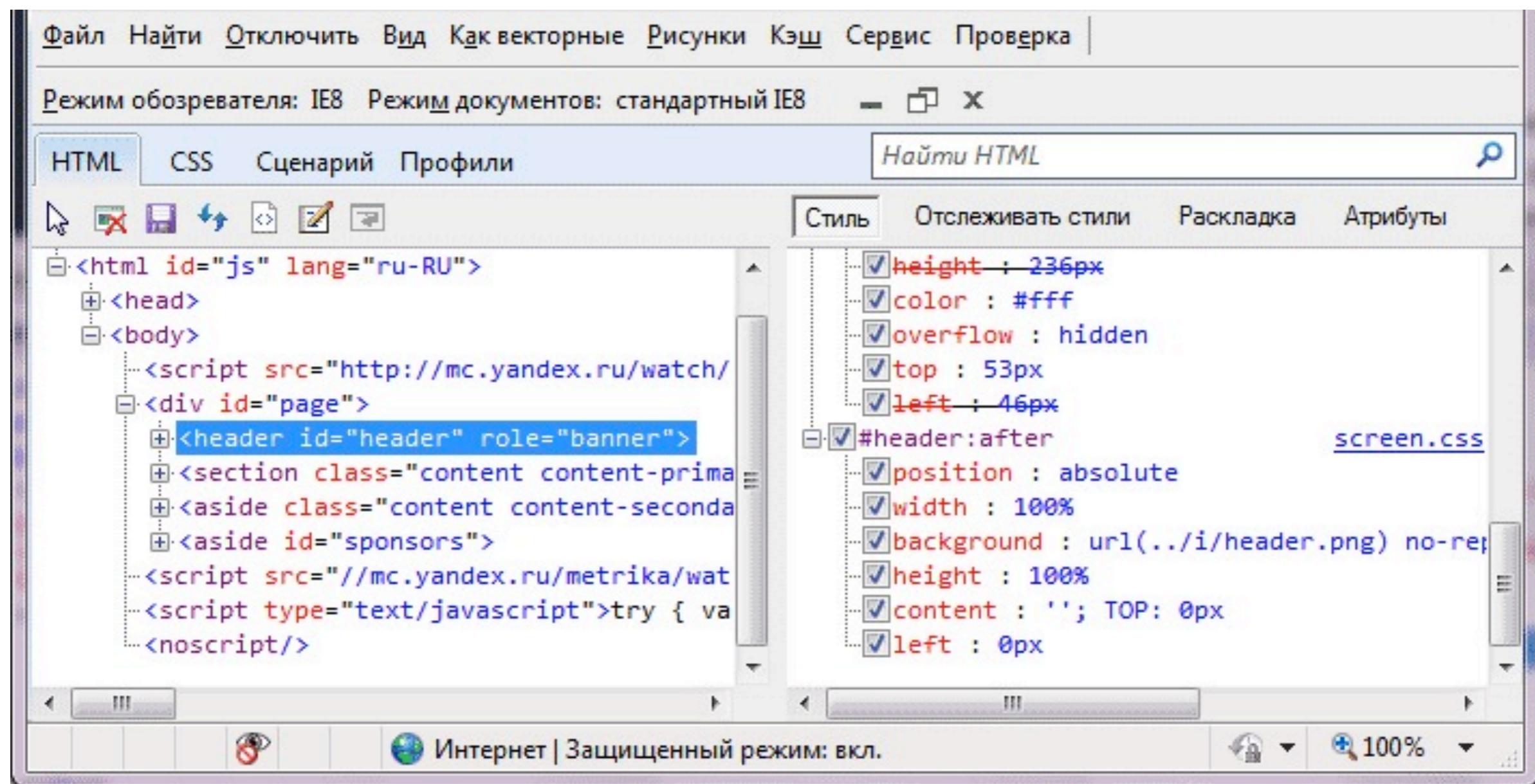
DebugBar v5.1 (Alt+D)

DOM    HTTP(S)    Script    HTMLCheck    Info

Drag target on document to find element

- FORM name=form1 action=default.aspx
  - <> DIV
  - <> SCRIPT
  - <> TABLE class=tbl
    - <> TBODY
      - <> TR class=firstRow
        - <> TD
          - <> DIV class=item floatleft
            - <> A href=http://vremenno.net/
          - <> DIV class=item floatleft
            - <> A href=http://vremenno.net/admin
          - <> DIV class=item floatleft
          - <> DIV class=item floatleft

# IE8 Developer Toolbar



# Фолдинг

```
+ table class="l-head l
- span style="display:i
 onclick="return {name
+ noscript
+ i class="b-statcounte
- table class="l-page l
- tbody
- tr
- td class="l-pa
- i
- td class="l-pa
- div class="h
+ div class="
```

```
<html>
 <head>
 <body>
 <div style="backg
 252); border-bott
 193, 193;">
 <div class="TopMe
 <div class="Te
 <div class="Te
 <img border
 5px; paddi
```



# Цвет

```
▼ <body>
 ► <div style="background-color: rgb(206, 237,
 252); border-bottom: 1px solid rgb(193,
 193, 193);">
```

```
└─ tbody
 └─ tr
 └─ td class="l-page-gap"
 └─ i
 └─ td class="l-page-left"
```

```
▼ <table class="l-head">
 ▼ <tbody>
 ▼ <tr>
 ▼ <td class="l-head__g">
 <i class="l-head__gap" style="background:
 url(/www.tns-counter.ru/
 /...)">
```

```
└─ <div id="page">
 + <header id="header" role="banner">
 + <section class="content content-prima
 + <aside class="content content-seconda
 + <aside id="sponsors">
```

# Переключалки

Стиль    Отслеживать стили

```
height : 236px
color : #ffff
overflow : hidden
top : 53px
left : 46px
#header:after
position : absolute
width : 100%
background : url(..)
height : 100%
content : ''; TOP:
left : 0px
```

▼ Стили

- Вычисленный стиль
- Атрибут атрибут элемента...
- ▼ #main screen.css:63
  - background: white;
  - border-left: 10px so...
  - width: 500px;
- ▼ .content-primary screen.css:84
  - color: #262626;
- ▼ article, aside, audio, reset.css:1
  - bb, canvas, datagrid, datalist,
  - details, dialog, figure, footer,
  - header, mark, menu, meter, nav,
  - output, progress, section, time,
  - video
- display: block;
- ▼ article, aside, таблица стилей...

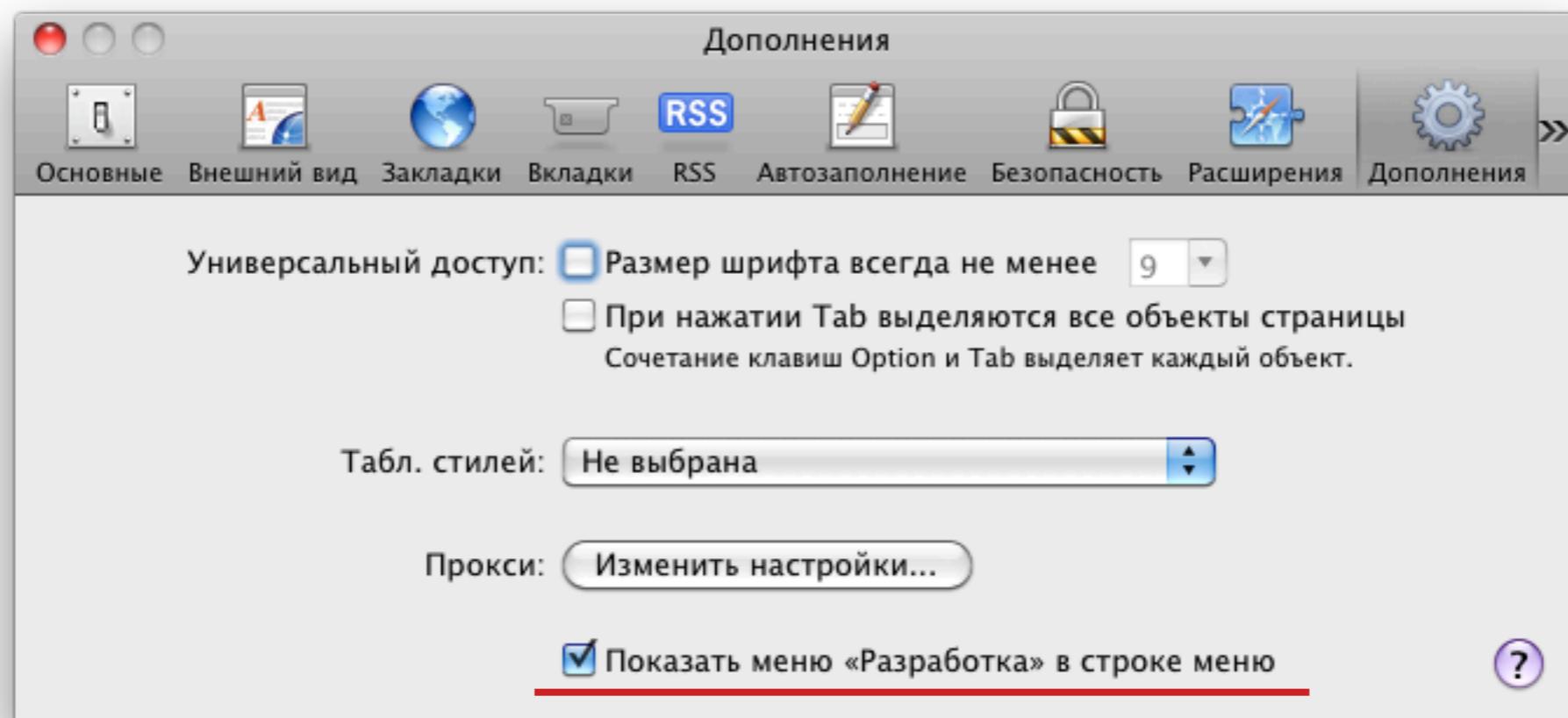
Стиль    Скомпилированный стиль

```
body { firstrun-b1.css (строка 1)
background: url("/img/ff3beta/firstrun/3.1b2firstrun-bg.jpg");
repeat-x scroll left top #87A5C1;
color: #332758;
font-family: verdana;
font-size: 13px;
margin: 0;
padding: 0;
text-align: center;
}
body { html.css (строка 1)
<Список стилей>
```

A close-up photograph of a car's engine start button. The button is circular with a thick, metallic silver ring around its perimeter. The center of the button is a vibrant red color. In the upper half of the red area, the words "ENGINE" and "START" are printed in a bold, white, sans-serif font. The lighting is dramatic, coming from the side, which creates a bright highlight along the inner edge of the silver ring and a soft shadow on the left side of the red button.

ENGINE  
START

The screenshot shows a Firefox browser window displaying the official Firebug website at <http://getfirebug.com/>. The browser's title bar reads "Firebug". The address bar shows the URL. The toolbar includes icons for Stop, Back, Forward, Home, and Search, along with links for "ie developer toolbar" and "Настройки" (Settings). The menu bar has items like Design, mysql@photobit, Типограф, Декодер, Transmission, вебинар, Router, Форум ФПС, intranet, Portal, Lorem Ipsum, Панель SEO, and others. The bookmarks bar contains items such as Contacts, Events, Locations, Tagspaces, Bookmarks, Resources, Отключить Cookies, Ошибок CSS нет, Формы, Графика, Инфо, Разное, Контуры, Размеры, Инструменты, Код, and Настройки. The main content area features a large yellow firebug illustration and the text "Firebug Web Development Evolved.". It highlights "The most popular and powerful web development tool" with a list of features: Inspect HTML and modify style and layout in real-time; Use the most advanced JavaScript debugger available for any browser; Accurately analyze network usage and performance; Extend Firebug and add features to make Firebug even more powerful; and Get the information you need to get it done with Firebug. A "More Features >" link is present. To the right, there's a "Install Firebug For Firefox" button (100% free and open source), links to Other Versions, Firebug Lite, and Extensions, and a Screencast section featuring a video introduction by Rob Campbell. Below the main content are sections for Inspect, Log, Profile, Debug, Analyze, and Layout. The footer includes Recent news (Firebug 1.6a14), Links and Elsewhere (Firebug around the web, HTML5 Makes a Great Color Picker), and a "Готово" (Done) button.

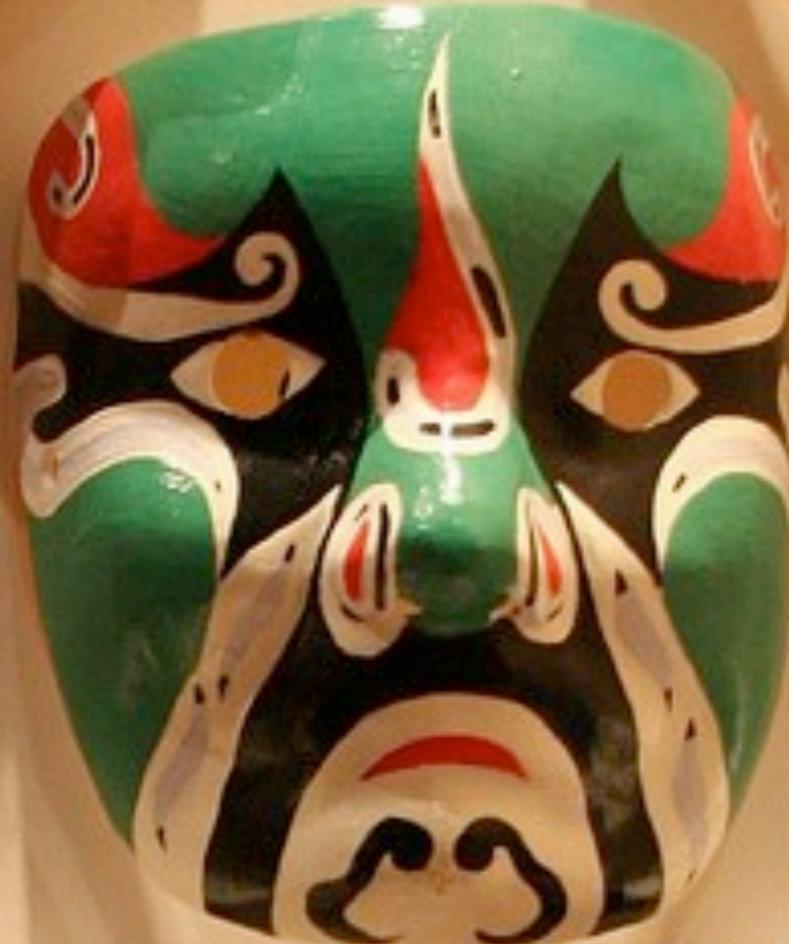


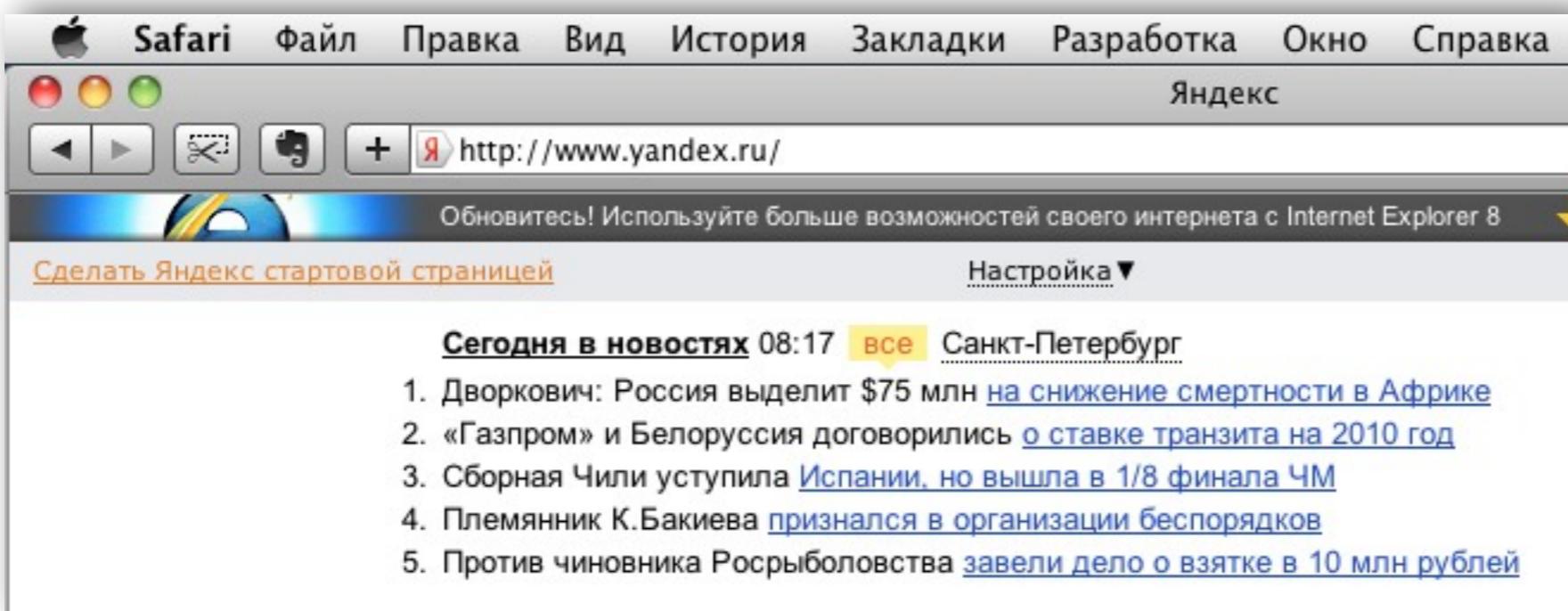
1. Блондинка
2. Нетбук
3. FullScreen F11
4. Промахнулись...

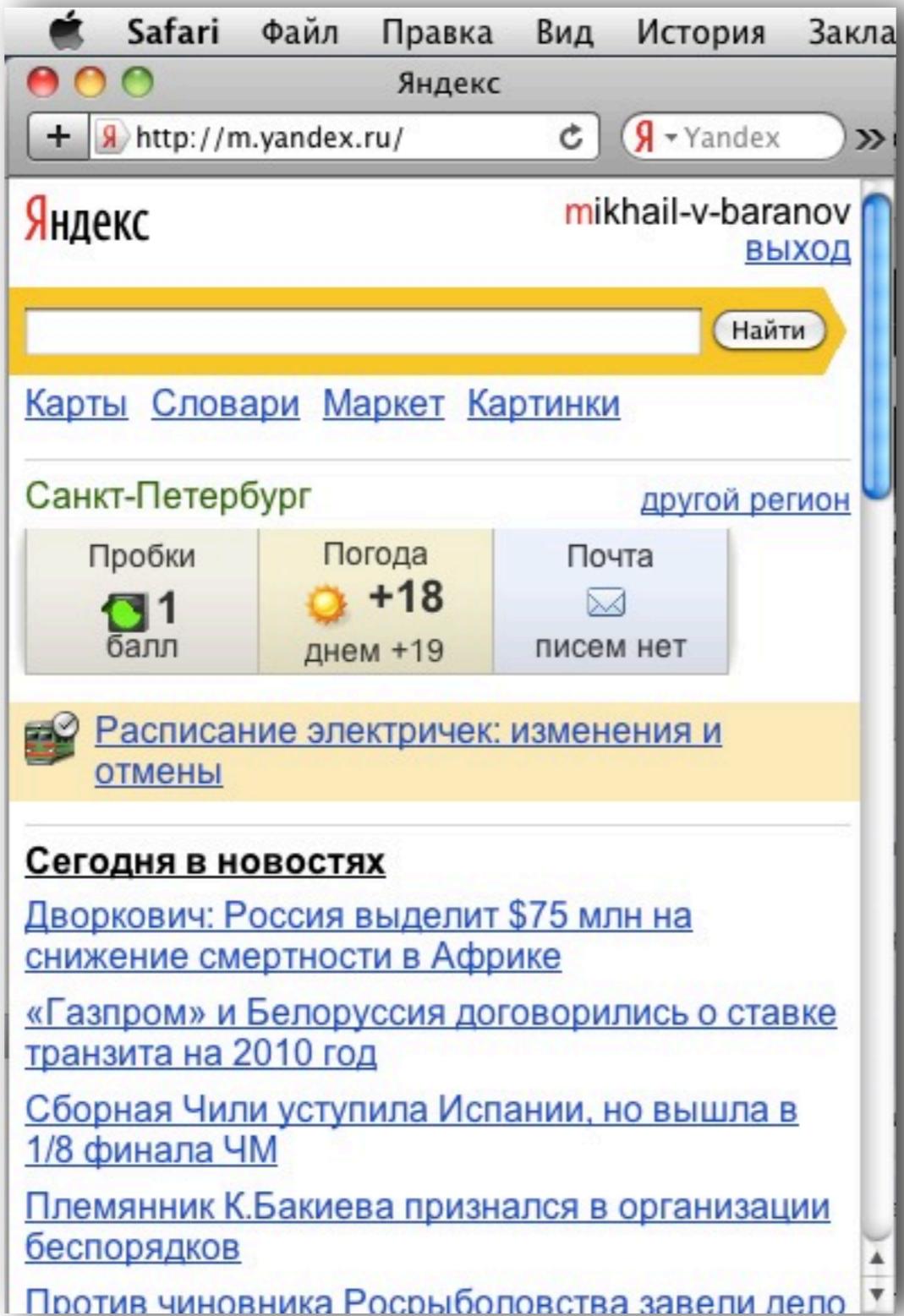


# Браузер для тестирования?









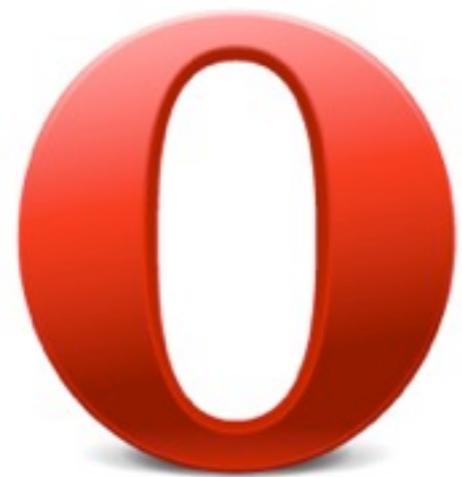


**Super Standard  
Standard  
Quirks  
Emulate IE7  
Emulate IE8**



170

11







The screenshot shows the Google Chrome DevTools Audits panel. The top navigation bar includes tabs for Elements, Resources, Scripts, Timeline, Profiles, Storage, Audits, and Console. The left sidebar displays the URL [http://webstandardsdays...](http://webstandardsdays.ru). The main content area is titled "RESULTS" and contains two sections: "Network Utilization" and "Web Page Performance".

**Network Utilization**

- ► Leverage browser caching (50)
- ► Leverage proxy caching (31)
- ▼ Minimize cookie size
  - The average cookie size for all requests on this page is 97B
- ► Serve static content from a cookieless domain (11)

**Web Page Performance**

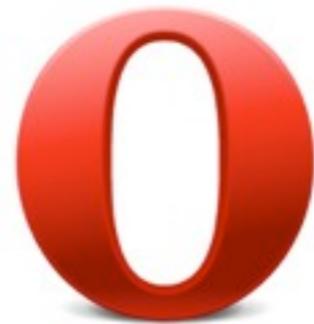
- ▼ Remove unused CSS rules (9)
  - 9% of CSS (estimated) is not used by the current page.
  - ▼ [screen.css](#): 9% (estimated) is not used by the current page.
    - #navigation li span
    - .article ul
    - .article ul li
    - .article em
    - .register
    - .register label



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**Расширяемость**



**Автообновление  
Удаленная отладка**



**Интерфейс**



**Функциональность**

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