

Введение в Tizen

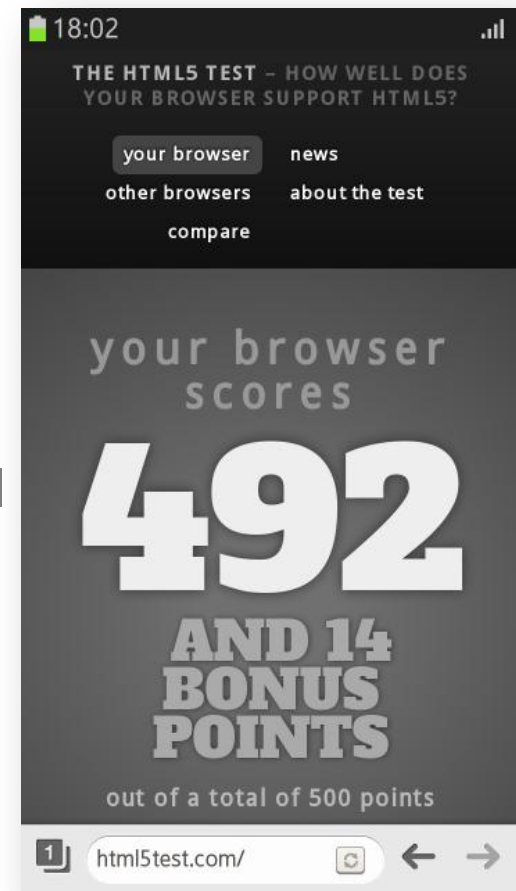
Кирилл Чувилин
Менеджер Российского Сообщества Tizen
Корпорация Intel

TIZEN™

- **Операционная система**
 - Открытый исходный код
 - Ядро Linux
- **Архитектура**
 - x86
 - ARM
- **Поддержка**
 - Tizen Association
 - Linux Foundation
 - OEM: Intel, Samsung, Panasonic, LG U+, Huawei
 - Операторы: Orange, Vodafone, SK Telecom, Telefonica, NTT DoCoMo



- **Поддержка Web**
 - Самый высокий уровень поддержки HTML5 (<http://html5test.com>)
 - Webkit2
 - Web-компоненты для интерфейса пользователя
 - Доступ к функциям устройства через Web API (управление приложениями, связь, медиа контент, файловая система, органайзер и т.п.)
- **Нативный API**
 - Glibc, libstdc++, libxml2
 - OpenGL® ES, OpenAL и OpenMP®
 - Высокий уровень совместимости с bada 2.0 API
- **Встроенный магазин приложений**





Смартфоны



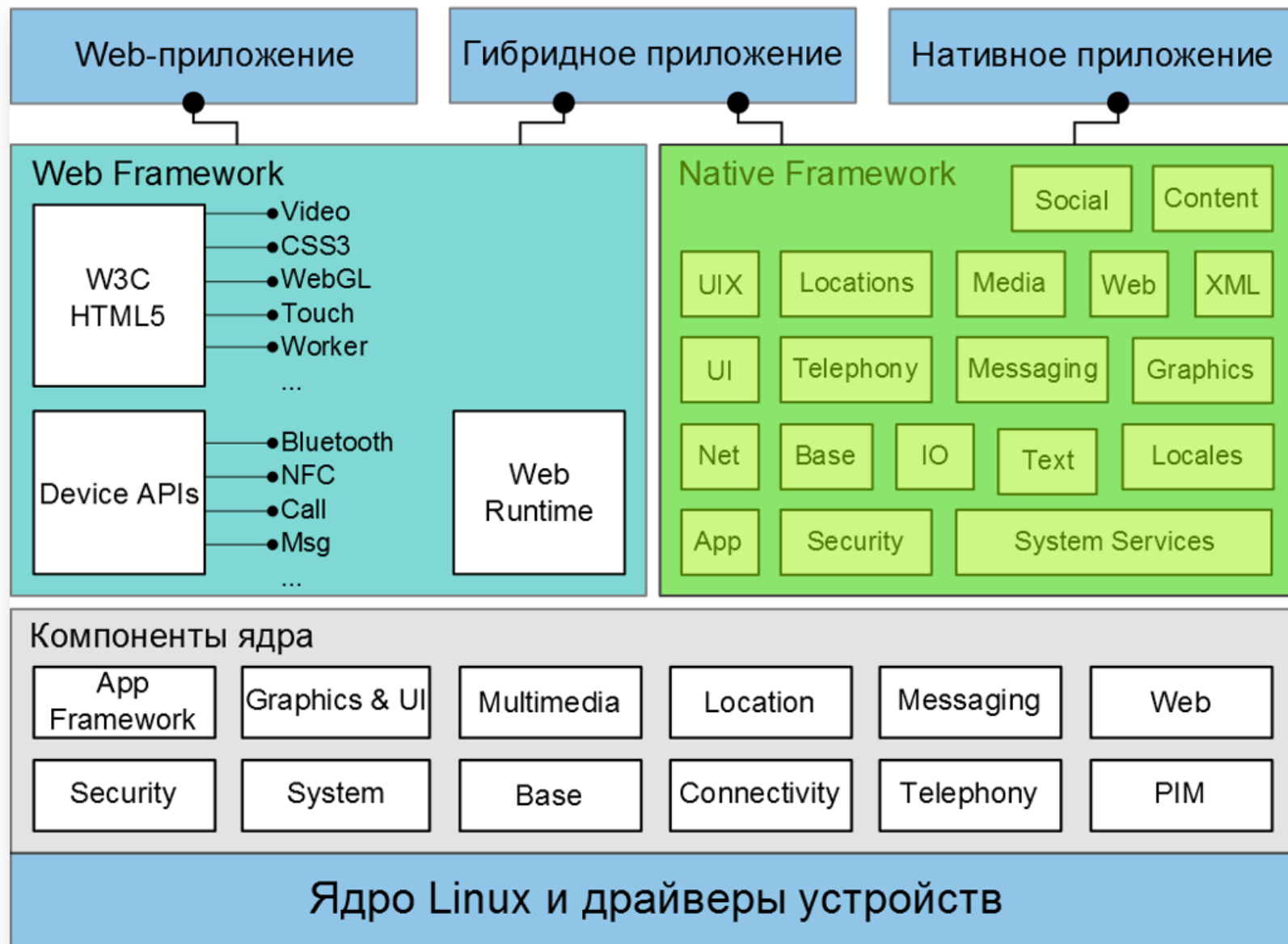
**Компьютеры
(Tizen PC)**



Информационно-развлекательные системы автомобилей (Tizen IVI)

- Другие устройства
 - Телевизоры
 - Ресиверы цифрового TV
 - Другая бытовая техника





- IDE на базе Eclipse
- Инструменты
 - Web-симулятор
 - Эмулятор
 - Дизайнер интерфейса (UI Builder)
- Документация
- Примеры приложений
- Кроссплатформенность
 - Linux: Ubuntu®
 - Microsoft Windows® XP (x32),
Microsoft Windows® 7 (x32, x64)
 - Apple Mac OS® X 10.7 Lion/10.8 Mountain Lion (x64)



- Intel XDK
 - Кроссплатформенная разработка
 - HTML5, JavaScript, CSS3
- Tizen UX Layouter & Composer
 - Прототипирование, проектирование и отладка интерфейсов
- Разработка игр
 - Havok Project Anarchy
 - Marmalade
 - Unity
 - Game Salad
 - YoYo Games
- Портирование существующих приложений
 - Intel HTML5 App Porter Tool (iOS в HTML5)
 - Конвертер bada-приложений



- Tizen Store – магазин приложений
 - Встроен в каждое устройство на Tizen
 - Всего три дня на верификацию
 - Для разработчика 70% от продаж
 - Открыт для разработчиков:
<http://seller.tizenstore.com>
- Tizen App Challenge
 - Призовой фонд более \$4 млн.
 - до 1 ноября 2013 г.
 - 9 номинаций
 - 54 победителя





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Tizen 2.0 Alpha SDK and Source Code release

Submitted by tsg on 25 Sep, 2012

Today, we are happy to announce that the Tizen 2.0 alpha source code and SDK are now available. We encourage developers to start working with these new features and functionality and provide feedback that can be used to improve Tizen during the final stages of its development. You can visit the [community page](#) to learn more about participating in the Tizen project.

Tizen 2.0 alpha has additional features, tools, and other improvements, including:

- Enhanced Web framework that provides better HTML5/W3C API support and more Tizen Device APIs
 - Multi-process WebKit2-based Web Runtime which provides better security and reliability for Web applications
 - Advanced HTML5 features such as video subtitles and captions, battery status API, screen orientation API, <keygen> and <details>, and more
 - New Tizen Device APIs for file transfer, notifications, and power control
- Advanced IDE & SDK for Web application development
- Install manager support for snapshot-based network installation
- Enhanced support for OpenGL ES
- New Platform SDK that helps platform development based on OBS

More information on the release can be found here: <https://source.tizen.org/release>

We look forward to getting feedback and making additional enhancements to Tizen over the coming months. There are additional components that we plan to add in the coming weeks, and we will continue to fix bugs and add additional features.

Upcoming Events

LinuxCon Europe 2012
05 Nov, 2012 - 07 Nov, 2012

Основной сайт:
<https://www.tizen.org>

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The **Tizen 2.0 Alpha SDK** is now available. There have been significant improvements and additional features for Web applications, and even platform developers. We encourage developers to start working with these new features and functionality to provide feedback that can be used to improve Tizen until 2.0 official release.

Further enhancements and improvements to Tizen and its development environment will continue as we work towards additional releases.

Getting Started

Get the essential resources, guidelines, and tools needed to create Tizen applications.

The Tizen SDK

The Tizen SDK provides you with the essential tools and images to begin development.
[Download the Tizen SDK](#)

Getting Started

Learn the application development process with step-by-step instructions including SDK basics.
[Developing your first Tizen application](#)

Tizen Source

Find all Tizen components and explore the Tizen source code.
[Source Code](#)

Join the Tizen Community

The Tizen community is made up of all the people who collectively work on or with Tizen. Come and get involved.
[More about the Tizen Community](#)

Для разработчиков:
<https://developer.tizen.org>

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Source Code Available for Tizen 2.0 Alpha

The source code for the Tizen 2.0 Alpha has been released. This release is targeted towards smartphones and runs on the PC emulator and an ARM-based reference device. This release allows OEMs to begin considering Tizen 2.0 for their commercial devices, and open source developers to look into Tizen to find what they can improve and contribute.

Tizen provides a standards-based software platform for multiple device categories, which supports Web applications. The [API reference](#) provides a comprehensive description for application development.

For information on how to obtain the source code and start platform development, visit our [Developer Guide](#).

Getting Started

Get the essential resources, guidelines, and tools needed to create Tizen applications and download the source code.

Tizen Source Code

Download the Tizen source code.
[Source Code](#)

Latest Snapshots

Get the latest images, repos and kickstart files.
[Download snapshots](#)

Code Review

Review the latest Tizen code.

Contribute to OS Development

Get started contributing to Tizen development.

Исходный код:
<https://source.tizen.org>

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Introduction

To get an account, please register on <https://www.tizen.org> and use your account to log into JIRA. Please read our [bug guidelines](#) for more details.

For account password reset, please go to link: <https://www.tizen.org/user/password>

Login

Username
Password

Remember my login on this computer

Not a member? To request an account, please contact your JIRA administrators.

[Log In](#) Can't access your account?

Activity Stream

Tizen Project

Today

Wang Quanxian commented on TIVI-215 - Touch on VNC1000 with X11 needs workaround: move the finger horizontally, but cursor moves vertically

```
tslib also not work.  
-sh-4.1# cat 51-touchscreen.conf  
SetIcon "InputClass"  
Identifier "TouchScreen"  
MatchProduct "DIALOGUE INC PenMount USB"  
Driver "tslib"  
Option "SwapAxes" "on"  
#Option "Calibration" "100 899 269 509"
```

Сообщения об ошибках:
<https://bugs.tizen.org>



- Сайты для разработчиков
 - Intel Developer Zone: <http://software.intel.com/ru-ru>
 - Samsung Developers: <http://developer.samsung.com/home.do>
 - Программа предоставления устройств разработчикам: <https://developer.tizen.org/support/development-unit-program/available-development-units>
- Инструменты
 - Web-симулятор: <https://01.org/web-simulator/>
 - Remote Test Lab: <http://developer.samsung.com/remotetestlab>
- Социальные сети на Русском
 - Хабрахабр: <http://habrahabr.ru/hub/tizen/>
 - ВКонтакте: http://vk.com/tizen_os
 - Twitter: <https://twitter.com/TizenRussia>



Спасибо за внимание

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