

Tizen, an introduction

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These Devices are



Samsung Gear2



Samsung NX300m

Tizen platform is



- Standard-based, **Cross-Category Platform**
- **Fully Open Source** Platform

Standard-based, *cross-category platform*



for mobile



for Wearable



for IVI*

Current Tizen Profiles



for TV



for camera



for printer



for PC



for Refrigerator

Future Profiles

*IVI : *In-Vehicle Infotainment*

Standard-based, cross-category platform



Fully Open Source platform



Strong Industry Supports

- Hosted under Linux Foundation
 - Cross-architecture, open source software platform
 - Multiple device segments: smartphone, tablet, in-vehicle infotainment system, and etc.
- Tizen Association
 - An industry consortium consisting of key service providers and device manufacturers, drives industry awareness and adoption of Tizen software platform



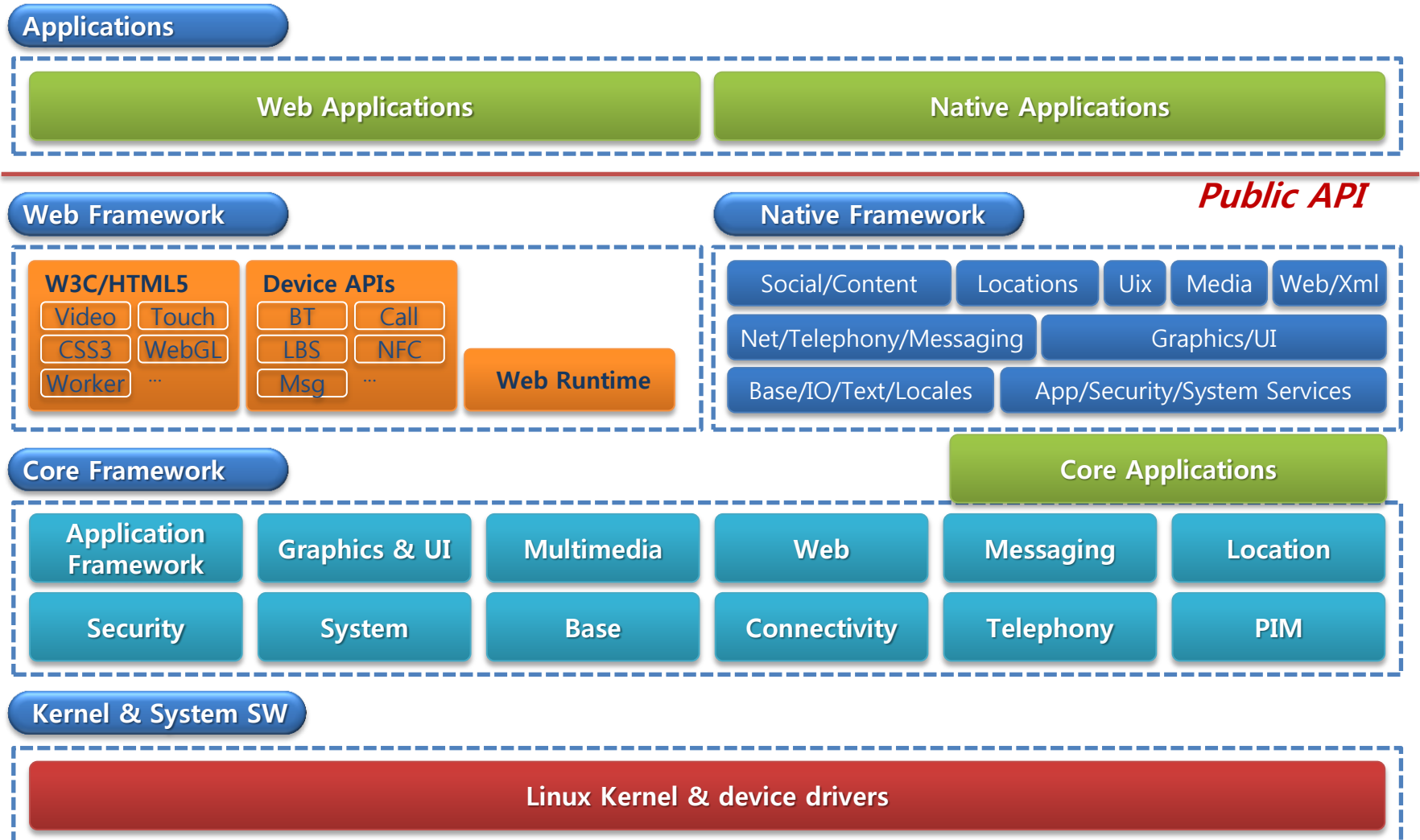
Tizen Association Board Members	Operators						
	OEMs						

* www.tizenassociation.org

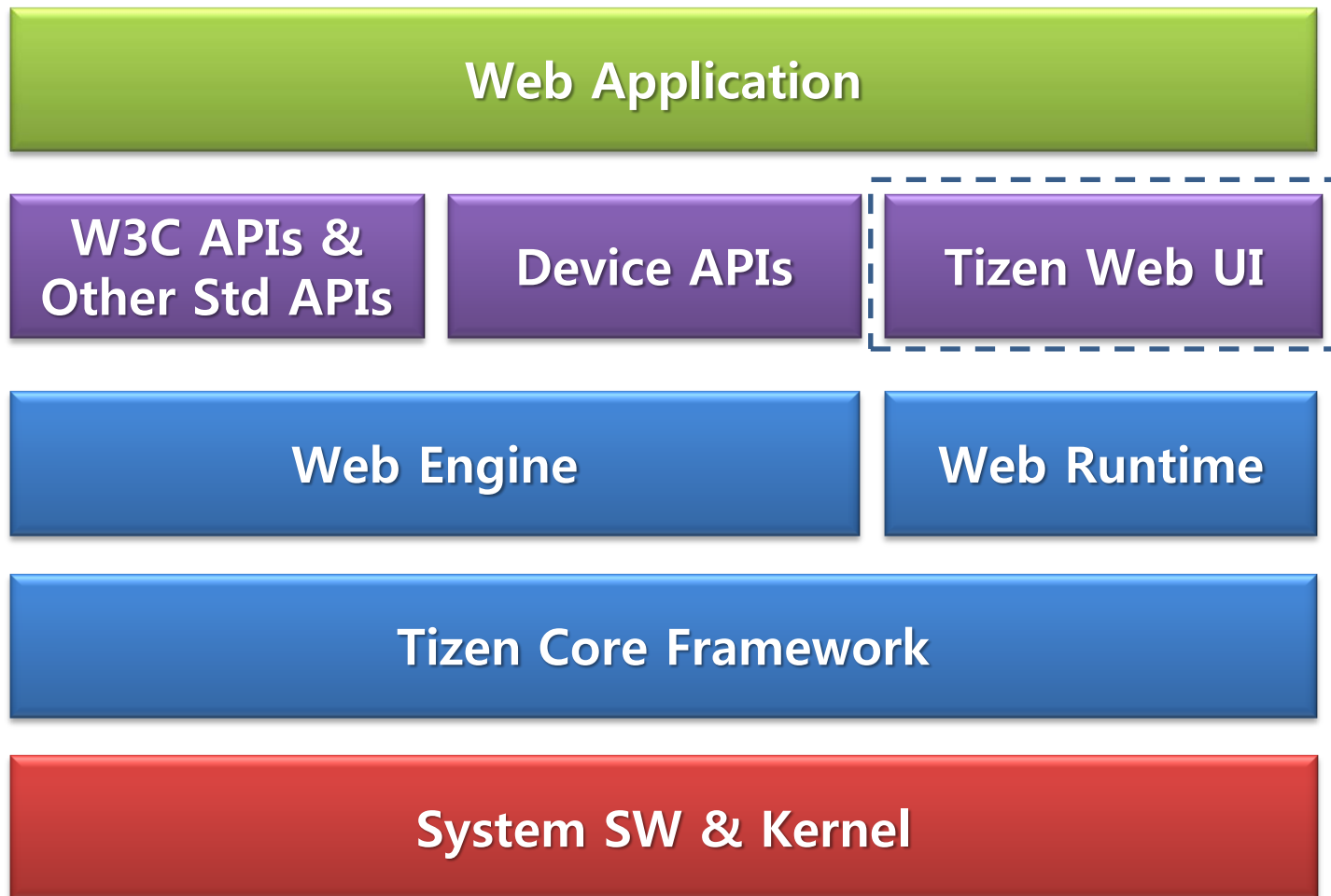
Tizen Development Environment



Tizen Architecture

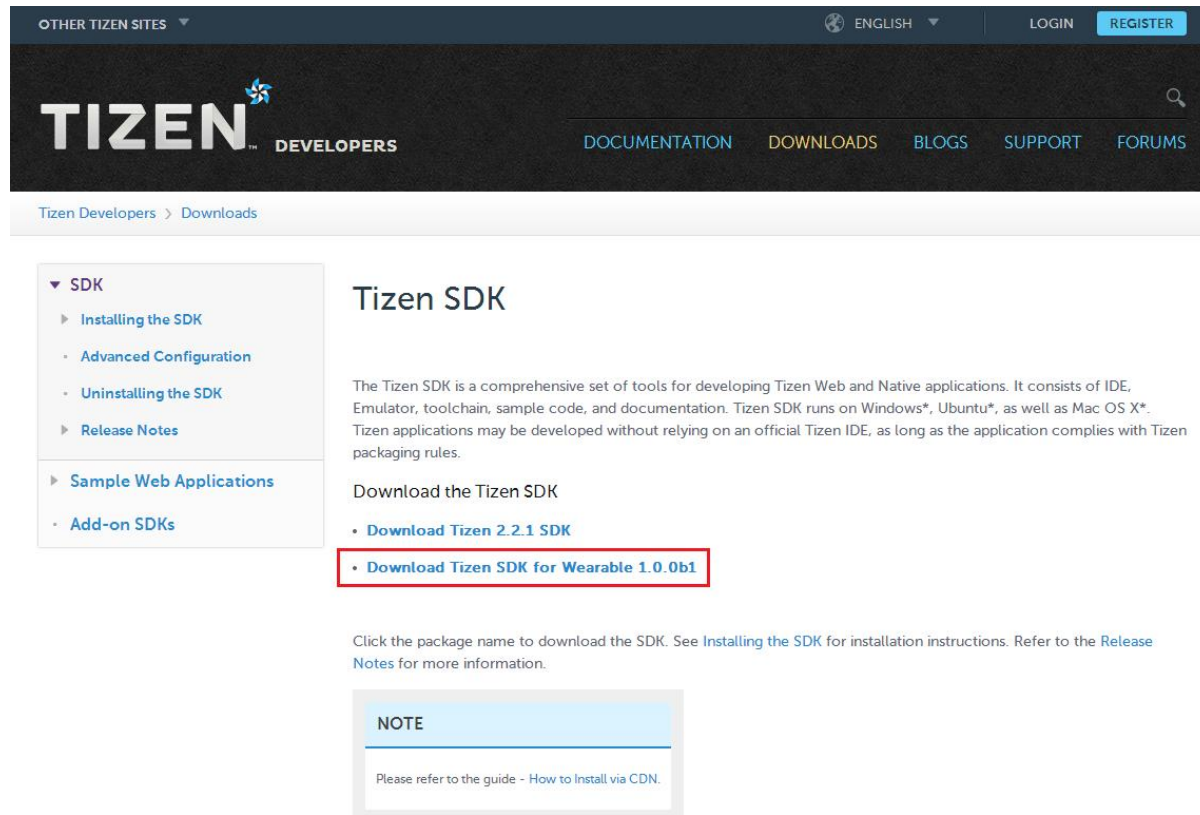


Tizen Web Application Architecture



Visit Web Site

- Web Site: <http://www.tizen.org>
- Register & Create new account
- Online Help: <http://developer.tizen.org/documentation>
 - For beginners, web application developers and Tizen Platform Developers



The screenshot shows the Tizen Developers website. The top navigation bar includes links for 'OTHER TIZEN SITES', 'ENGLISH', 'LOGIN', and 'REGISTER'. The main header features the 'TIZEN DEVELOPERS' logo and a search icon. Below the header, a breadcrumb trail reads 'Tizen Developers > Downloads'. The left sidebar contains a list of links under the 'SDK' category: 'Installing the SDK', 'Advanced Configuration', 'Uninstalling the SDK', 'Release Notes', 'Sample Web Applications', and 'Add-on SDKs'. The main content area is titled 'Tizen SDK' and contains a description of the SDK, a link to 'Download the Tizen SDK', and a list of download links. The link 'Download Tizen SDK for Wearable 1.0.0b1' is highlighted with a red box. Below the download links, there is a note section titled 'NOTE' with the text 'Please refer to the guide - How to Install via CDN.'

OTHER TIZEN SITES

ENGLISH

LOGIN

REGISTER

TIZEN DEVELOPERS

DOCUMENTATION

DOWNLOADS

BLOGS

SUPPORT

FORUMS

Tizen Developers > Downloads

SDK

- Installing the SDK
- Advanced Configuration
- Uninstalling the SDK
- Release Notes
- Sample Web Applications
- Add-on SDKs

Tizen SDK

The Tizen SDK is a comprehensive set of tools for developing Tizen Web and Native applications. It consists of IDE, Emulator, toolchain, sample code, and documentation. Tizen SDK runs on Windows*, Ubuntu*, as well as Mac OS X*.

Tizen applications may be developed without relying on an official Tizen IDE, as long as the application complies with Tizen packaging rules.

Download the Tizen SDK

- Download Tizen 2.2.1 SDK
- Download Tizen SDK for Wearable 1.0.0b1

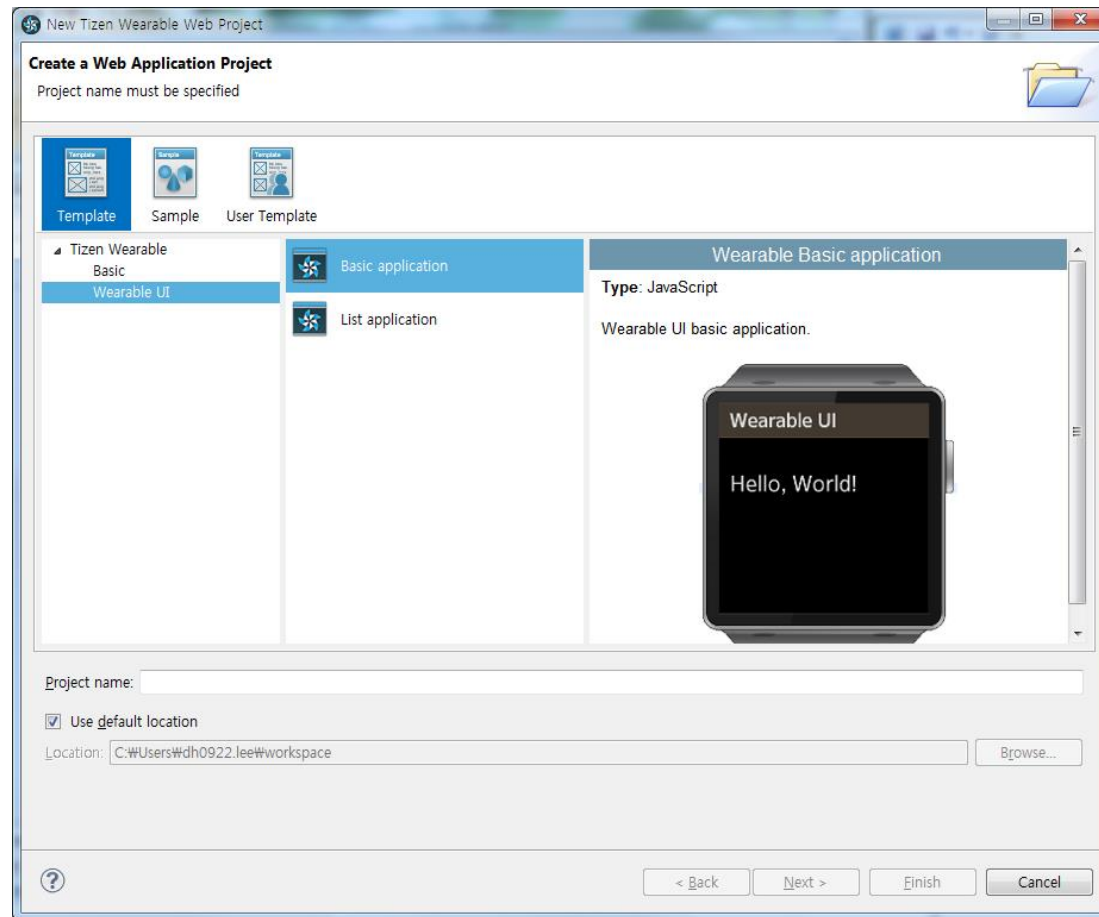
Click the package name to download the SDK. See [Installing the SDK](#) for installation instructions. Refer to the [Release Notes](#) for more information.

NOTE

Please refer to the guide - [How to Install via CDN](#).

Developing Apps with SDK

- Can develop apps by creating new app projects in the Tizen IDE



Connection with other SDK

- Applications also consist of 2 parts
 - Host applications and Wearable-side applications.
 - A corresponding application running on the host device operate as a provider and consumer pair



Need New Ideas

- Applications/Services aligned with Tizen Wearable device
 - Communicate between host device and wearable device via bluetooth.
- Embedded devices such as Arduino or Raspberry Pi can connect them.
 - The devices can act as a input devices input controller, sensor devices or ..
 - They can notify signals or events to wearable devices via host device



Any Questions ?

Your Innovative IDEAS make



More Valuable Platform