

---

# AGL Japan Gap Analysis Analysis of Web API in TizenIVI

**9/12/2014**  
**Panasonic Corporation**

- ◆ Investigation of Tizen Web Runtime
- We report to summary of Tizen Web API.  
(We have investigated based on the specifications shown below.)
  
- To: Intel member  
Please give us the changing point of Tizen IVI 3.0M Web API.

## Tizen Dev Guide 2.2.1 API References

<https://developer.tizen.org/dev-guide/2.2.1/org.tizen.web.device.apireference/index.html>

[https://developer.tizen.org/dev-guide/2.2.1/org.tizen.web.w3c.apireference/w3c\\_api.html](https://developer.tizen.org/dev-guide/2.2.1/org.tizen.web.w3c.apireference/w3c_api.html)

There are 75 web API in Tizen. 55% is referenced to the W3C, 4 API's are for IVI, and others are Device API for Tizen Mobile.

No.	Category	organization	Summary	Num of API's
1	Device API	Tizen	Mainly, WebAPI for mobile phones of Tizen. Some API in these that can also be used in the car.	26 (35%)
2	W3C/HTML5 API Reference	W3C	Tizen is referenced to the W3C.	41 (55%)
3	Supplementary API Reference	Khronos	Tizen is referenced to the Khronos, Mozilla, Apple API. -Typed Array (型付き配列の定義) -WebGL (WebブラウザでOpenGLを使う為の標準仕様の定義) -FullScreen API (Web コンテンツを画面全体へ表示させる手段を提供) -viewport MetaTag (文書の表示領域を設定するためのmeta要素属性)	4 (5%)
4	Tizen IVI	Tizen	The vehicle API's made by Tizen ・Locale(API for language setting operation) ・MediaServer(API to access information in multimedia) ・Speech(API to voice recognition and text-to-speech) ・Vehicle(APIs that provide vehicle information) Vehicle information that can be retrieved (Tizen:48, W3C: 92)	4 (5%)
				Total: 75API's (100%)