AGL Japan Gap Analysis
Analysis of Web API in TizenIVI

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Panasonic Corporation
Investigation of Tizen IVI Web API

◆ 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
### Summary of Tizen WebAPI

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.

<table>
<thead>
<tr>
<th>No.</th>
<th>Category</th>
<th>organization</th>
<th>Summary</th>
<th>Num of API’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Device API</td>
<td>Tizen</td>
<td>Mainly, WebAPI for mobile phones of Tizen. Some API in these that can also be used in the car.</td>
<td>26 (35%)</td>
</tr>
<tr>
<td>2</td>
<td>W3C/HTML5 API Reference</td>
<td>W3C</td>
<td>Tizen is referenced to the W3C.</td>
<td>41 (55%)</td>
</tr>
<tr>
<td>3</td>
<td>Supplementary API Reference</td>
<td>Khronos</td>
<td>Tizen is referenced to the Khronos, Mozilla, Apple API. -Typed Array(型付き配列の定義) -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）</td>
<td>4 (5%)</td>
</tr>
</tbody>
</table>
| 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: 75 API’s (100%)**