# W3C Automotive and Web Platform Business Group

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## Agenda – Day 1

- http://irc.w3.org/ your name, channel #auto
- Introductions
- GENIVI Tuner APIs (Gerald-Bosch)
- Go over todo list of what we need to accomplish during F2F (Adam/Paul)
- Vehicle Information Spec discussion (Paul/Team)
- Break
- Con't Vehicle Information Spec discussion (Paul/Team)



### Agenda – Day 2

- http://irc.w3.org/ your name, channel #auto
- Geolocation (KDDI/Group)
- Discuss other W3C specs that BG should be aware of (W3C)
- Break
- Continue with Vehicle Data spec discussion
  - Vadim's "spec considerations" email
- Lunch (12:30/1 to 2)
- Navigation Web API (Philippe/Marco/Kang-Joons)
- Architecture of Automotive Web APIs
- Tuner API next spec? Other thoughts?
- Break
- Next F2F? Do we need another?



# Architecture of Automotive Web APIs (examples of Tizen IVI Web APIs)

#### Tizen Specs:

- Message Port
- Bluetooth
- System Information
- System Settings
- Notifications (W3C spec as well)
- Application (Runtime Security)
- Content
- DLNA Media Server
- Content
- Filesystem (W3C spec as well May 6 2014)
- Download
- Locale

#### Gaps:

- Tuner
- Navigation
- Diagnostics
- **•** ?

#### W3C Specs:

- Messaging
- Call History
- Vehicle Signals
- Speech (CG)
- Contacts
- Telephony
- \* Ambient Light Events
- \* Proximity Events
- NFC
- Geolocation
- Vibration
- \* Second Screen (Miracast) (CG)
- \* Multimodal

\* not currently planned to be implemented



















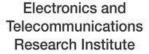


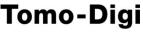
















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#### What's next?

- Looking beyond vehicle data signals, what to tackle next?
  - Recommend looking at all of the papers presented from the W3C Automotive and Web Workshop last fall: <a href="http://www.w3.org/2012/08/web-and-automotive/summary.html">http://www.w3.org/2012/08/web-and-automotive/summary.html</a>
- List of potential areas (15 of them) to focus on next:
  - http://www.w3.org/community/autowebplatform/wiki/Main\_Page/CollectionOfApis
    - Voice Recognition (see W3C Web Speech API GENIVI Speech EG will be writing a report after they're finished with a POC implementation – The BG will get a chance to review report before submitting it as a proposal to the W3C Web Speech CG)
    - Tuner (see GENIVI presentations to the group seems like a good next candidate spec)
    - Navigation (see W3C Geolocation API and GENIVI presentations to the group)
    - UI Constraints (driver safety, distraction and adjusting the GUI)
    - Application Security and Safety (<a href="http://www.w3.org/TR/2013/WD-runtime-20130321/">http://www.w3.org/TR/2013/WD-runtime-20130321/</a>)
    - Audio Policy Management (addressing policy and management of multiple sinks and sources)

