

W3C Automotive and Web Platform Business Group

Adam Abramski

Intel Corporation

Open Source Technology Center

May 22, 2014



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



CLEARCHANNEL



MAGNETI
MARELLI



KDDI

ETRI

Electronics and
Telecommunications
Research Institute

Tomo-Digi



GENIVI

ISRAEL
INTERNET
ASSOCIATION



HYUNDAI

VeriSign

OpenCar™
The App Platform for Connected Cars



NOKIA

Fraunhofer



STRATEGY ANALYTICS

Neusoft
Beyond Technology

JEITA



Continental



QNX
QNX SOFTWARE SYSTEMS

LG Electronics

OPERA™
software

infomedia



PORSCHE



BSQUARE

SHARP



Visteon

Openstream™
Making Communications Smarter



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: <http://www.w3.org/2012/08/web-and-automotive/summary.html>
- 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 (<http://www.w3.org/TR/2013/WD-runtime-20130321/>)
 - Audio Policy Management (addressing policy and management of multiple sinks and sources)

