

Open Web Platform and Automotive

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Meeting Goals

- Motivation: Open Web Platform moving from PC to devices
 - Mobile
 - TV
- Automotive next?
- Open Web Platform turning into Operating System (Boot2Gecko, Webinos, ...)
- Genivi is about OS for Automotive



Web Advantages

- Potential for cross platform applications
 - Cross OS: No native code for different app stores on mobile
 - Cross device: Mobile+tablet easy: motivation for Financial Times (now no more iphone App, Web only)
- More, “cheaper” developers, no “platform specific coding” (e.g. TV)



New Platform - New Features

- Mobile: Smaller screen size, Geolocation, device APIs, ...
- TV: Content protection, Video streaming
- Automotive: Tactile input/output, Context awareness, Car APIs, ... (complete list!)



W3C

- Leading the Web to its Full Potential
- Founded by Web inventor Tim Berners-Lee in 1994
- Standards: HTML5, XML, SOAP, RDF, VoiceXML, ...
- “One Web”: Desktop, Mobile, TV, Automotive (?), ...



Ongoing Work Relevant for Automotive

- Voice Browser WG
- Multimodal Interaction WG
- Model-based UI WG
- APIs
 - Camera access
 - Geolocation
 - Device discovery
 - ...



Upcoming Work

- Web App Packaging
- NFC API
- Bluetooth API
- “Boot2Gecko APIs”: leave browser sandbox, “system level APIs”
- ...



Meeting Goals

- Exchange info on roadmaps and technical work items
- W3C looking for input on planned “Web and Automotive” workshop
 - Topics
 - Program committee members
 - ...

