Welcome to the GENIVI Open Source Projects Wiki

For bug & project tracking, use JIRA

Blog Posts

- Blog: Cloud & Connected Services Project Defines Roadmap for Next Delivery created by Philippe Robin Mar 24, 2020
- Blog: GENIVI All Member Meeting Postponed And Going Virtual created by Steve Crumb Mar 18, 2020
- Blog: Android Automotive SIG Defines Roadmap for Initial Delivery created by Steve Crumb Mar 10, 2020
- Blog: Upcoming GENIVI Security Team Activities (Revised 10 March 2020) created by Steve Crumb Feb 27, 2020

Recent GENIVI project outputs can be found here.

Scope Expansion: GENIVI has expanded its scope from its strength in Linux-based IVI and automotive open source software to focus on helping automakers integrate the multiple operating systems present in the centralized and connected cockpit. We call this new strategy Multi-OS Integration.

Trends Driving GENIVI Work: Vehicle E/E and software architecture trends have led GENIVI to advance into concepts of central domain ECUs, cross domain ECUs (domain fusion) and eventually to a vehicle computer approach. Longer-term, GENIVI is also exploring vehicle cloud computing and connected services.

New Projects launched in this Multi-OS integration scope include:

- Android™ Automotive Special Interest Group (SIG)
Work done in late 2017 and throughout 2018 in what GENIVI called domain interaction projects laid a strong foundation for this new multi-OS integration scope expansion. The following domain interaction projects are active and have relevance in the new integration scope:

- Graphics Sharing & Distributed HMI
- Advanced Hypervisor APIs
- Generic Communication Protocols.

Some quick to read and interesting results are published as Technology Briefs and Whitepapers.

The GENIVI Security Team is actively exploring ways to make vehicle software systems more secure against threats and hacks of all types.

GENIVI continues to provide a baseline for GENIVI Compliant™ IVI platforms and the GENIVI Development Platform (GDP) will remain accessible for demonstrators and other code development activities.

GENIVI continues to host a number of IVI software components in our github repository.

For more information on engaging in GENIVI, please contact help@genivi.org or visit www.genivi.org.