AGL Navi-EG Kick Off

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2016.9.9
Navi-EG members – round table

Expert Group Leader:
- Yoshito Momiyama

Expert Group Members:
- Takeshi Hoshina
- (mazda)
- (micware)
- Tomoki Sekiyama
- And more.
Motivation of Navi-EG

Purpose of the Navi-Expert Group
Maintain Native/Web App FW API to ease development of applications using Navigation feature.

Scope of Navi-Expert Group:

AGL architecture from ALS2016 Walt's presentation
Navi-EG Goal

AGL Apps.

- Navi Application
- POI Application

AGL Defined API

- GENIVI-API
  - Extended by Navi-EG

AGL Compliant Navi engine

- OSS Navi (gps-navi)
  - Selectable
  - AGL provides common Navi API.
  - AGL scalability should be allowed as long as compatibility allows.
  - AGL provides P/F which allows to select OSS or Product Navi.
- Product Navi
  - AGL provides P/F which allows to select OSS or Product Navi.

AGL Device API

- Devices/Middleware
Action item of Navi-EG

No.1 Define AGL Navigation API. Based on GENIVI.

No.2 Development of the reference open source Navigation API implementation.

No.3 Development of the navigation engine for demonstrations.

No.4 Request necessary API to other services.

No.5 Define AGL Navigation Device API.

No.6 Development of the Device/Middleware.

No.7 Request necessary API implementations to other services.
Single process Navi application is available. It does not expose API out of the process.

- Navi API cannot be used in this application

- gpsd has been already included in AGL-Distro.
- Automotive message broker has been already included in AGL-Distro.
For 2017 CES Demo

**Item 1.** Development of the new navi app.

**Item 2.** Add minimum AGL-Navi API set to gps-navi.

Single process Navi application is available.
Thank you.

Let's start discussion!