AGL NAVI-EG Kick-Off

May 8, 2019
Self introduction

NAVI-EG Leader

Tadashi Wakazono
Business Planning Division, naviAZ Company, Miocware Corp.

Other members from Micware

Hiroyuki Makino
Executive Officer
naviAZ Company
Micware Corp.

Yoshiyuki Miki
Advisor
micAUTO company
Micware Corp.
Motivation of NAVI-EG (remind)

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

※2016/09/08 Navi EG kickoff 資料参照
NAVI-EG Goal (remind)

AGL Apps.

- Navi Application
- POI Application

AGL Defined API

- GENIVI-API
- Extended by Navi-EG
- AGL Navigation API

Vendor Extended API

(1) AGL provides common Navi API.

AGL Compliant Navi engine

- OSS Navi (GPS-navi)
- Product Navi

Selectable

(2) AGL scalability should be allowed as long as compatibility allows

(3) AGL provides P/F which allows to select OSS or Product Navi

(4) AGL provides P/F which allows to select OSS or Product Navi

AGL Device API

Devices/Middleware
Development of OSS-Navi (MapBox)

Aisin AW said that they tried to implement the OSS-Navi based on GENVI-API. Conclusion is as follows.

- It was NOT easy to develop it by using the API.
- We have NOT reached to define the NAVI API.
NEW NAVI-EG Goal

We decided to re-define the API (Common-API) for easy to use and NOT to use GENIVI API.

(1) AGL provides common Navi API.

(2) AGL scalability should be allowed as long as compatibility allows.

(3) AGL provides P/F which allows to select OSS or Product Navi.

(4) AGL provides P/F which allows to select OSS or Product Navi.

AGL Apps.

AGL Defined API

AGL Compliant Navi engine

OSS Navi (GPS-navi) Selectable

Product Navi

AGL Device API

Devices/Middleware
### Action plan from now on

- **STEP1 (This year)**
  1. Make the Product Navi (based on micware Navi)
     - Make “Hybrid Navi” which is operating on server side and local machine.

- **STEP2 (Next year or later)**
  1. Make the API specification document for above output.
     For development fee, its T.B.D

### Development plan

<table>
<thead>
<tr>
<th>Milestone</th>
<th>2019年</th>
<th>2020年</th>
<th>2021年</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4月</td>
<td>5月</td>
<td>6月</td>
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<tr>
<td>Prototyping the Navigator (for CES)</td>
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<tr>
<td>Develop the Product Navi (based on micware Navigator)</td>
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<tr>
<td>Define the AGL API</td>
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<td>Refine the API</td>
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<tr>
<td>Write down the API spec translate to English</td>
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