



【AGL】 NAVI-EG

Activity plan for this term



November 8th , 2019

Background

NAVI-EG (Goal)

AGL Apps.

Navi Application

POI Application

AGL Defined API

GENIVI-API

Extended by NAVI-EG

AGL Navigation API

Vendor Extended API

AGL Compliant Navi engine

OSS Navi
(GPS-navi)

Selectable

Product Navi

AGL Device API

Devices/Middleware

(1) AGL provides common Navi API.

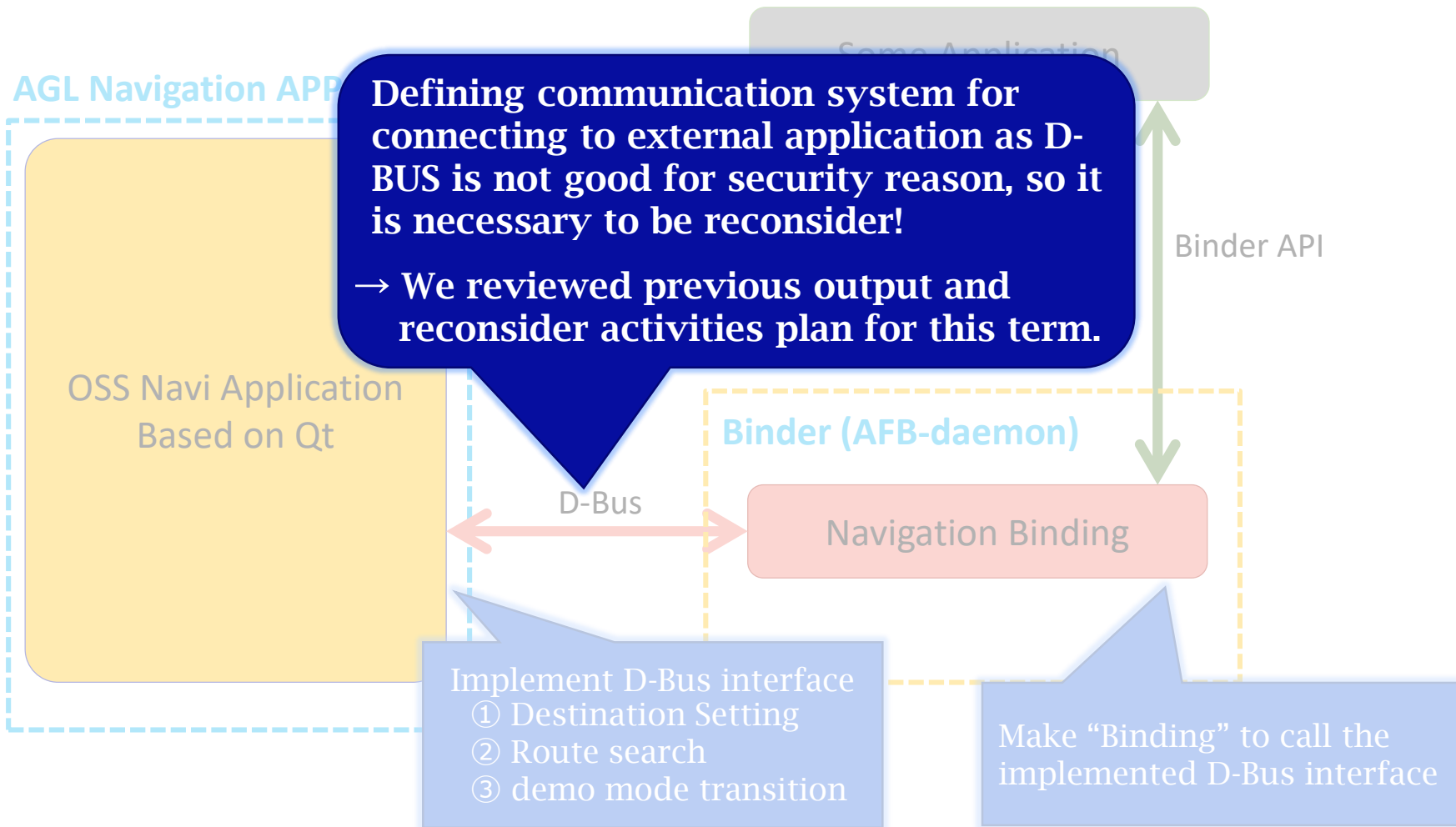
(2) AGL scalability should be allowed as long as compatibility allows

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

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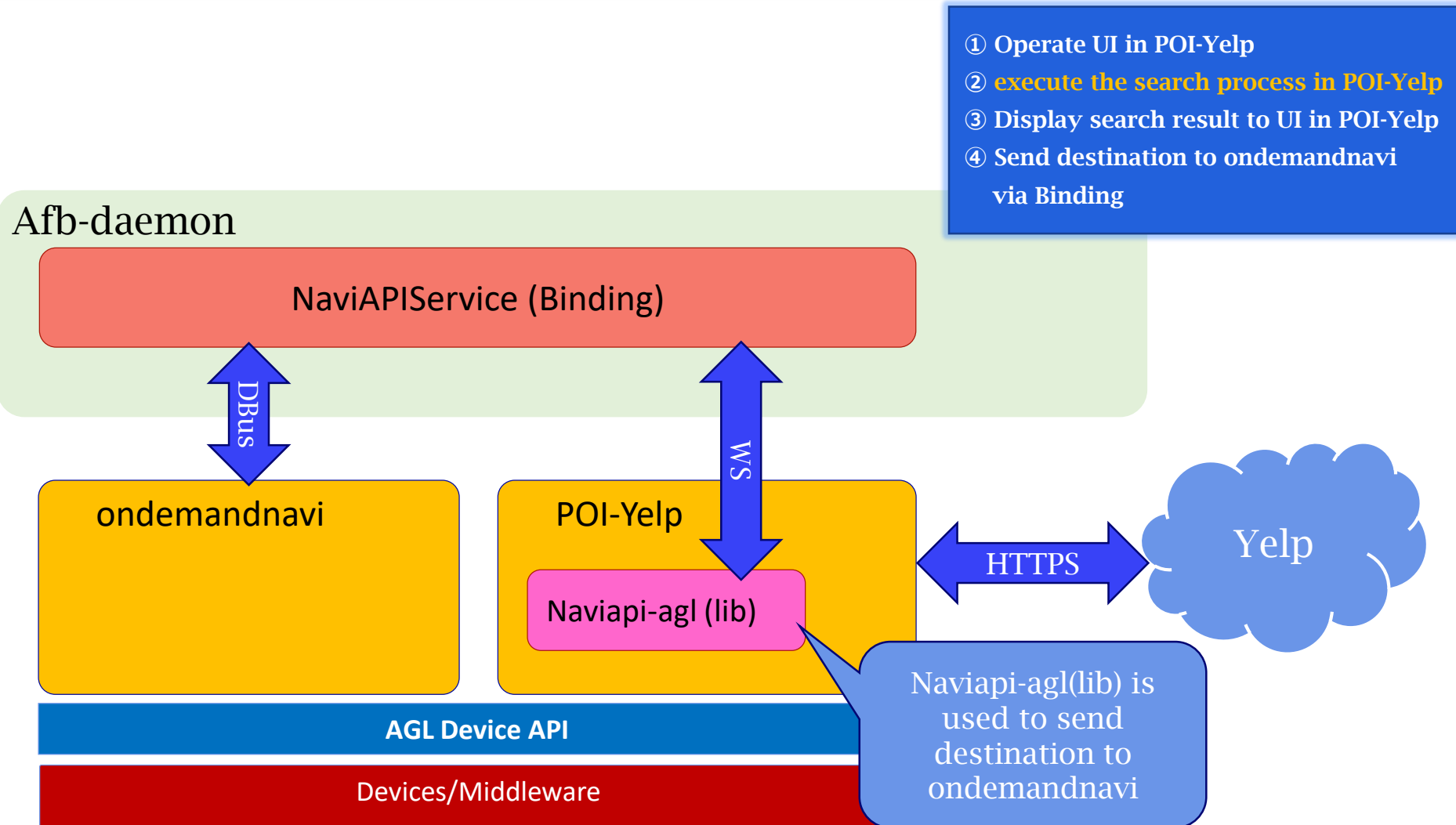
Background

Previous system configuration plan (9/24)



Background

Present system configuration (Halibut)



Background

Present system configuration (Halibut)

Issue①
POI -APIService(Binding)
Is not ready.

- ① Operate UI in POI-Yelp
- ② **execute the search process in POI-Yelp**
- ③ Display search result to UI in POI-Yelp
- ④ Send destination to ondemandnavi via Binding

Afb-daemon

NaviAPIService (Binding)

DBus

ondemandnavi

POI-Yelp

SM

Naviapi-agl (lib)

HTTPS

Yelp

Issue②

POI-Yelp and Ondemandnavi
are not separated UI from
Service.

AGL Device API

Devices/Middleware

Naviapi-agl(lib) is
used to send
destination to
ondemandnavi

Upcoming activities

Development contents

➤ Prototyping the OSS-Navi POI Application

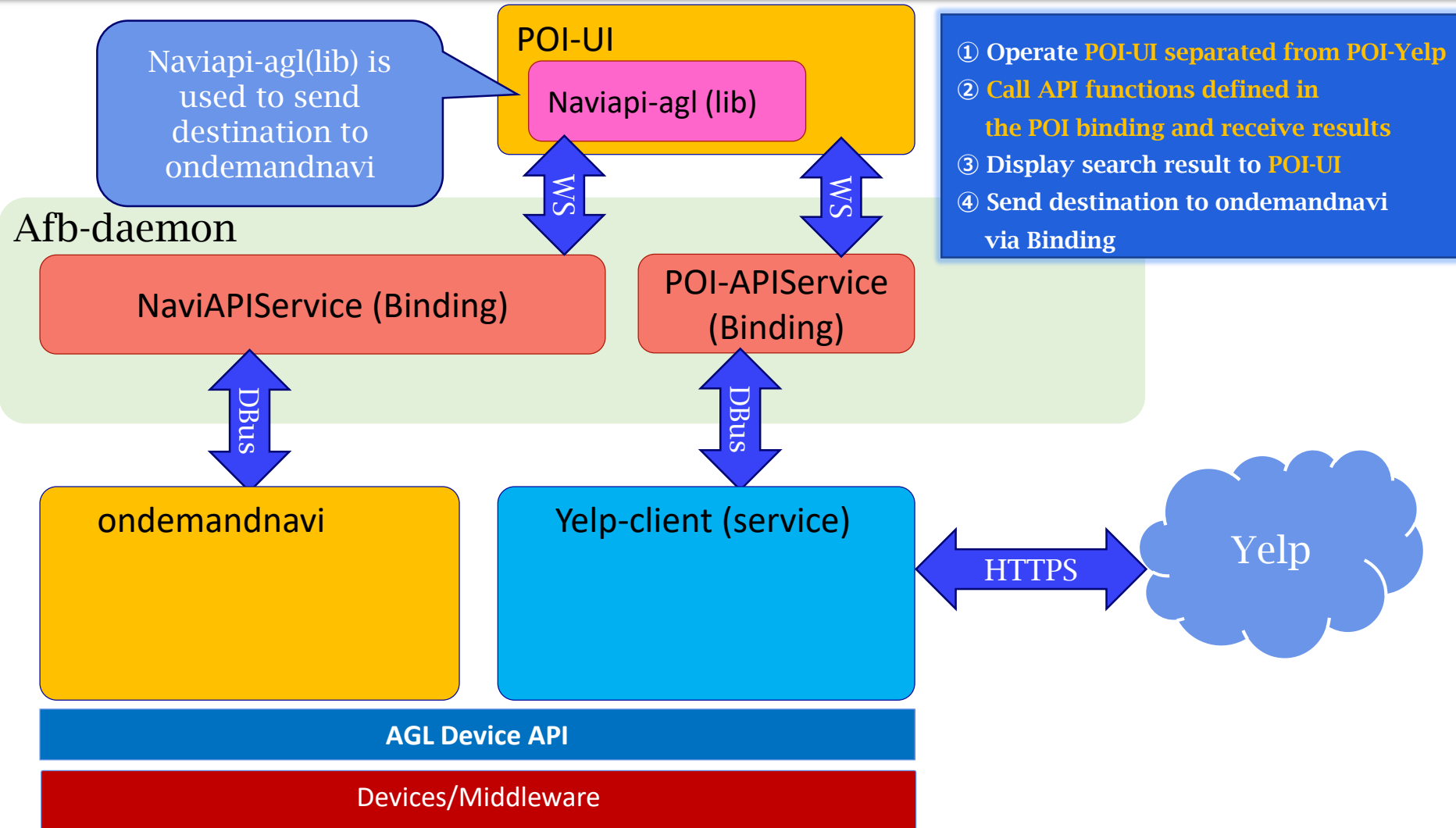
- Implementing the following features based on previous output.

- ① Separate POI-UI from POI-Service
- ② Create POI-APIService (Binding)



Upcoming activities

Updated configuration plan



Upcoming activities

Updated configuration plan

Point① Separate POI-UI from POI-Service

※We postponed to separate ondemandnavi-UI from ondemandnavi-Service in this term because it's difficult to separate it.

POI-UI

Naviapi-agl (lib)

WS

WS

NaviAPIService (Binding)

POI-APIService (Binding)

DBus

DBus

ondemandnavi

Yelp-client (service)

HTTPS

Yelp

AGL Device API

Devices/Middleware

- ① Operate POI-UI separated from POI-Yelp
- ② Call API functions defined in the POI binding and receive results
- ③ Display search result to POI-UI
- ④ Send destination to ondemandnavi via Binding

Point② Create POI-APIService (Binding)