

---

## ■ Status report of Toyota Code Drop

- about status
- about feature "Logger service" (one of features)

## ■ Bluetooth Function Development

- Requirement of functions

# Status of Toyota Code Drop

## ■ Status

going internal approval for uploading code

- URL(to upload codes)

<<https://gerrit.automotivelinux.org/gerrit/staging/toyota.git>>

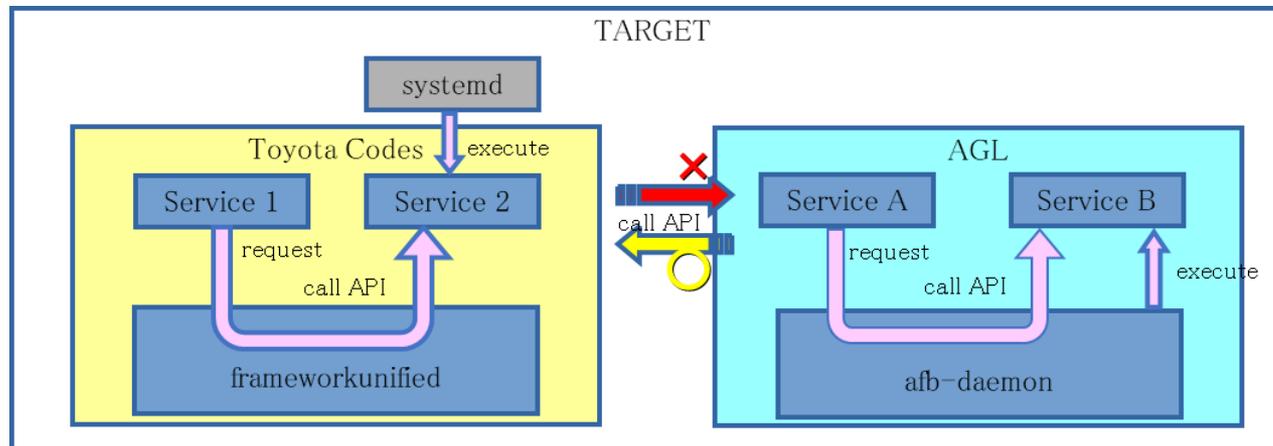
## ■ Environment to work

On UCB HH8.0.2

- Software structure to run

\* Each Service of units of Toyota code does not use AGL-FW

\* Each service can call from AGL



⇒ We will make modifications to call each service through App-FW on HH.(Step#2)

⇒ We will make modifications to run those on JJ or KK on master.(Step3)

# Units of Toyota Code

## System Service

System  
Manager

logger  
Service

Resource  
Manager

Task  
Manager

Power  
Service

Version  
Library

Rom Access  
Library

Interface  
unified

Config

## NS Framework

Buckup  
Manager

Common  
Library

Framework  
unified

Notification  
Persistent  
service

Log  
library

## Peripheral Service

Communi-  
cation

## Vehicle Service

positioning

Positioning  
Base library

## Other Service

Event  
library

Posix based  
os001  
legacy\_library

Rpc  
library

Vehicle  
Parameter  
library

# Logger service

---

## ■ Scene in in-vehicle infotainment

In the product, it is necessary to record the operating conditions of application and the system.  
When malfunction occurred for software, it is necessary to analyze it promptly, and to make modifications.

## ■ Use case

Use Case #1 Archive logs until system shutdown

Logger-service collects the log that each service output and it compresses logs and saves compressed log.

Use Case #2 Log archive when a system error is detected

When the system detects a critical error even, Logger-service performs processing like #1.

I think that it is understood that logging is necessary.

There are already logging feature such as agl-service-xds-monitoring and DLT in AGL.

I want to discuss the use of this service in comparison with those features from now on.

## ■ Document

<<https://confluence.automotivelinux.org/display/TC/Documents>>