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
- Communication

Vehicle Service
- positioning
- Positioning Base library

Other Service
- Event library
- Posix based os001 legacy_library
- Rpc library
- Vehicle Parameter library
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>