

HMI Framework Release Note

Revision: 0.2Final
TOYOTA MOTOR CORPORATION
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Introduction

This document provides a summary of the HMI framework release on Electric Eel (EE) RC2.

It includes a list of new features, changes, fixed defects, and known problems.

This document positions top of the each HMI framework module. The HMI framework contains the following modules.

- Home screen
- Window manager
- Sound manager

Repositories

- [agl-service-homescreen-2017](#)

This repository contains the source code of home screen (server) and sample applications which supported new window manager.

As sample application, we provide MediaPlayer, Radio, and Simple-EGL. The former two samples based on CES2017.

- [agl-service-windowmanager-2017](#)

This repository contains the source code of window manager.

- [agl-service-soundmanager-2017](#)

This repository contains the source code of sound manager.

- [homescreen-2017](#)

This repository contains the source code of home screen application.

- [libwindowmanager](#)

This repository contains the source code of library for window manager.

- [libsoundmanager](#)

This repository contains the source code of library for sound manager.

Installation information

To understand how to get the source code or binary of HMI framework, please refer the application guide document which is contained in each module.

New Features (from RC1 to RC2)

Home screen

- Supports "On screen" (system on screen event) function.

Window manager

- Supports "Split window" function.
- Supports "On screen" function.

Sound manager

- Supports latest version of GENIVI Audio Manager.

Changes

Home screen

Window manager

- Changes API interface from individual arguments format to json object format.
- Changes argument of activateSurface() and syncDraw event
- Improves debug log.

Sound manager

- Sound mode will be changed in tandem with changing the foreground application. (sample application)

Fixed defects

Home screen

- [Improved] Stability
- [Fixed] Home screen doesn't start from systemd.

Window manager

- [Improved] Stability

Sound manager

- [Improved] Stability

Known Problems

- Split window still have some problems. It will be fixed continuously.
- You can find the test report in [wiki](#) page.

Support Information

The HMI framework development team will provide the support on "agl-discussions" mailing list.