

Home Appliances & Entertainment (HAE) Service Framework

Weekly Technical Meeting – November 5, 2015

Agenda

1. Approve Meeting Minutes from Previous Meeting
2. Review High Level Design Document
3. Update List of Committers and Contributors
4. Resolve Residual Issues on Interface Definitions

Attendees

<i>Name</i>	<i>Company</i>
Inhwan Choi	LGE
Seungchul Han	LGE
Chanhun Jeon	LGE
Hwanseok Choi	LGE
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Lu Xiaoqiang	Haier
Yoshinori Nagai	Sharp
Patrick Gonia	Honeywell
Takeshi Oishi	Sony

Meeting Notes

1. Approve Meeting Minutes from Previous Meeting
 - A. All members approved the minutes from previous meeting.
2. Review High Level Design Document
 - A. Seungchul Han introduced the high level design of the HAE Service Framework.
 - B. Inhwon Choi requested other members to review the HLD document and comment the Gerrit page if there is something to add or modify.
 - C. Inhwon Choi commented that the sequence of getting/setting the property value will follow the asynchronous method call sequence.
 - D. Patrick Gonias asked whether every device should implement both sides of controllee and controller.
 - E. Inhwon Choi and Seungchul Han answered the HAE device only have to implement the left side that is controllee side.
 - F. Patrick Gonias asked in the case of HAE device case, the DeviceListener and AboutListener don't need to be implemented.
 - G. Seungchul Han answered It is true, the HaeControllee doesn't need to implement the DeviceListener and AboutListener.
 - H. Inhwon Choi suggested changing the terminology from the Controllee and Controller to the Consumer and Producer.
 - I. Patrick Gonias answered it's better to use the Controllee and Controller than the Producer and Consumer because a controllee might consume and produce the data.
3. Update List of Committers and Contributors
 - A. Inhwon Choi introduced the update list of committers and contributors
 - B. All members approved.
4. Resolve Residual Issues on Interface Definitions
 - A. Inhwon Choi commented once we reach a consensus about the EmitChangedSignal annotation issue, we can apply the same approach to the CurrentTemperature, CurrentAirQuality.
 - B. EnergyUsage
 - i. Inhwon Choi commented that from code implementation view, we should consider defining the minimum value for the update rate.
 - ii. Patrick Gonias commented that it's difficult to fix the minimum value for different use cases.
 - iii. Stefano Toppan commented he think 1 second is enough to handle that information.
 - iv. Inhwon Choi commented that current description of update rate can be acceptable because device manufacturer must set appropriate value of update rate and controller cannot modify the value.

- v. Members discussed about whether the UpdateRate is minimum time interval or not, and Inhwon Choi commented it means minimum time interval between updates and he suggested renaming the property of the UpdateRate.
 - vi. Stefano Toppan asked whether setting 0 to the Precision is allowed or not.
 - vii. Members agreed to discuss this issue online to understand better.
- C. PlugInUnits
- i. Inhwon Choi concerned about the description of 'The PlugInUnits interface should be implemented in the root object path' and Stefano Toppan agreed to remove the sentence.
- D. Stefano Toppan asked the next step of code implementation.
- E. Inhwon Choi commented LGE guys are already implementing the skeleton codes of the HAE Service Framework based on the standard client, after reaching a consensus of the high level design, LGE will upload the skeleton codes and then we will be able to start to discuss the low level design and members will be able to contribute the part of code implementation.

Action Items

1. Resolve the EnergyUsage issue and rename the name of related properties. (All)
2. Apply the same mechanism of EmitChangeSignal to the CurrentTemperature and CurrentAirQuality. (LGE)
3. Update PlugInUnits (Electrolux)

Next Meeting Agenda

1. Approve minutes from previous meeting
2. Resolve Residual Issues on Interface Definitions