

Home Appliances & Entertainment (HAE) Service Framework

Weekly Technical Meeting – July 30, 2015

Agenda

1. Approve Minutes from Previous Meeting
2. How to Respond to IRB Comments
3. Discussions on IRB Comments

Attendees

<i>Name</i>	<i>Company</i>
Inhwan Choi	LGE
Seungchul Han	LGE
Chanhun Jeon	LGE
Hwantae Kim	LGE
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Lu Xiaoqiang	Haier
Yoshinori Nagai	Sharp
Shigeki Nakamura	Sony
Takeshi Oishi	Sony
Patrick Gonias	Honeywell
Mike Finch	Lowe's
Burçak Aytekin	Arçelik

Meeting Notes

1. Approve Minutes from Previous Meeting

- A. All members approved the minutes from previous meeting.

2. How to Respond to IRB Comments

Inhwan Choi explained how to respond to IRB comments in principle.

- A. Stefano Toppan and Inhwan Choi agreed to use the HAE Gerrit for updating namespace errors and then each namespace owner will submit collected updates to IRB Gerrit.
- B. Inhwan Choi commented that it would be better to respond to IRB comments if we already have internal answer discussed by members.

3. Discussions on IRB Comments

A. Fixed-point vs Float-point Representation

- i. Inhwan Choi introduced IRB members' revised opinion that the double precision floating-point representation is recommended than our current fix-point representation.
- ii. Stefano Toppan commented that double type is quite complex to handle because some appliance has no microcontroller to handle double type.
- iii. Inhwan Choi recommended that Stefano Toppan reads carefully IRB discussion about this issue and if Electrolux team has good reason to keep our representation, we can discuss this issue with that reason.

B. Language Display

- i. Inhwan Choi commented that we can use the default language field of the Configuration Base Service instead of the LanguageDisplay interface.
- ii. Patrick Gonja commented that the default language of the Configuration Service is for Alljoyn communication but our LanguageDisplay interface supports the display language of the devices' information. Mike Finch agreed with Patrick Gonja
- iii. Members agreed to respond to Dominique's comment with this rationale.

C. Date Display

- i. Mike Finch commented that if we need the date display functionality, we should make separate DateDisplay interface.
- ii. Inhwan Choi suggested that we have time to consider necessity of the DateDisplay interface.

D. FilterStatus

- i. Mike Finch pointed out the issue of the filter status type that is mentioned by Steve and Dominique.
- ii. Inhwan Choi suggested member to have some time to review their comments and asked Mike Finch if he can share his opinion on our resolution by email to facilitate members' discussion on this issue.

E. Device Interfaces

- i. Patric Gonja and Mike Finch commented that there is no way to add the minimum required shared interfaces to the XML file.

- ii. Inhwan Choi commented that the minimum required shared interfaces can be written in the theory of operation, but he do not believe that kind of information could be added into XML, since the XML is mainly used for introspection of interface members and code generation.
- iii. Members discussed Steve's opinion on device interface.
- iv. Inhwan Choi commented that if we have good reasons for keeping device interfaces, then we can have open discussions with IRB members, and defining minimum requirements on shared interfaces for certification might be a valid reason

Action Items

- 1. In case there is opposition to use of Double precision floating-point representation, raise an issue. (All members)
- 2. Provide proposed resolution to IRB comments on FilterStatus interface. (Mike Finch)
- 3. Respond to IRB comments (All members, especially interface authors)

Next Meeting Agenda

- 1. Approve minutes from previous meeting
- 2. Discussions on IRB feedbacks.