Home Appliances & Entertainment (HAE) Service Framework

Weekly Technical Meeting – July 15, 2015

Agenda

1. Approve Minutes from Previous Meeting
2. Discuss Oven Cycles and Preheating
3. Finalize Namespaces
4. Resolve DoorStatus Issue
5. Consider to add BatteryLevel Interface

Attendees

Name	Company
Inhwan Choi	LGE
Wonchul Choi	LGE
Seungchul Han	LGE
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Lu Xiaoqiang	Haier
Yoshinori Nagai	Sharp
Tomoki Ogawa	Panasonic
Shigeki Nakamura	Sony
Koji Tsukaya	Sony
David Kaufman	Honeywell
Mike Finch	Lowes

Meeting Notes

1. Approve Minutes from Previous Meeting

   A. All members approved the minutes from previous meeting.

2. Discuss Oven Cycles and Preheating

   Wonchul Choi proposed to separate the microwave oven from the conventional oven device interface.

   A. Stefano Toppan commented that he is not against splitting the Oven interface but the Microwave Oven and the Electric Oven can have same functions and way of working. We should consider what is the different property between a microwave oven and a conventional oven.

   B. Inhwan Choi commented that in the case of the Washer and WasherDryer, we have defined as separated interfaces even though the Washer and WasherDryer can have very similar interface. Likewise, we can define a separate microwave oven interface from the conventional oven interface.

   C. Mike Finch commented that list of cycles will be completely different.

   D. Inhwan Choi commented that the Oven interface only have cycle and cycle phase and thus, a skeletal structure of interface will be the same.

   E. Mike Finch agreed to separate the Microwave Oven interface for the Oven interface.

   F. Inhwan Choi commented that the PowerLevel and More/Less can be candidate of microwave oven specific functions.

   G. Yoshinori Nagai commented that he was not against splitting the Oven interface but asked how to express hybrid type oven which has microwave oven functions and conventional oven functions.

   H. Wonchul Choi commented that the hybrid oven device can be represented by using the Container device interface that contains the Microwave Oven device interface and Oven device interface.

   I. Inhwan Choi suggested keeping the current oven interface to cover all possible cases with a single interface and defining standard cycles and standard cycle phases for the conventional oven.

   J. Stefan Toppan commented that he is not against both options but he doesn't want to define standard cycles and standard cycle phase at this time.

   K. Inhwan Choi proposed to make a decision until end of this week after LGE team provides a clear proposal and members review the proposal. All members agreed.

3. Finalize Namespaces

   A. Inhwan Choi introduced the revised namespaces reflecting the discussion with the IRB.

   B. All members approved the revised namespaces.

   C. Inhwan Choi asked members to upload the new patch sets of interfaces according to the revised namespaces as early as possible and he encouraged members to review and cast their votes for Code-Review before the next call.

      D.   Yoshinori and Inhwan Choi agreed to change the names of properties according to the changed interface names.

4.   Resolve DoorStatus Issue

    Mike Finch explained the DoorStatus issue.

      A.   Inhwan Choi suggested removing the IsLocked property from the DoorStatus interface. In the future if we need a door locked status, we can add the IsLocked property with appropriate method definitions.

      B.   Members agreed to remove the IsLocked property from the interface definition because the remote door lock is not necessary for our use cases at this time.

      C.   Members also agreed to keep the interface name as it is.

5.   Consider to add BatteryLevel Interface

    Inhwan Choi introduced the BatteryLevel interface.

      A.   All members approved adding the BatteryLevel as a shared interface.

      B.   Mike Finch asked the BatteryLevel interface namespace.

      C.   Inhwan Choi answered that the Operation would be better for the BatteryLevel interface.

      D.   Yoshinori Nagai preferred having two separate interfaces, one for the qualitative battery level and the other for the quantitative battery level for consistency with cases of the AirQuality and AirQualityLevel.

      E.   All members agreed. LGE team will upload two separate interfaces to represent the BatteryLevel qualitatively and quantitatively.

Action Items

1.   Provide a revised proposal for Oven. (LGE)

2.   Upload new patch sets reflecting the revised namespaces and today's discussion. (All members)

3.   Review new patch sets and cast votes for Code-Review before next call (All members)

Next Meeting Agenda

1.   Approve minutes from previous meeting

2.   Review and resolve residual issues.

3.   Discuss how to submit interfaces to IRB and how to respond to IRB feedback.