

Home Appliances & Entertainment (HAE) Service Framework

Weekly Technical Meeting – August 5, 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
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Lu Xiaoqiang	Haier
Yoshinori Nagai	Sharp
Tomoki Ogawa	Panasonic
Shigeki Nakamura	Sony
Patrick Gonia	Honeywell
David Kaufman	Honeywell
Mike Finch	Lowe's

Meeting Notes

1. Approve Minutes from Previous Meeting
 - A. All members approved the minutes from previous meeting.
2. Discussions on IRB Comments
 - A. Use of double precision floating point representation
 - i. Inhwon Choi suggested if there is no one against, we will update all relevant interfaces after call. All members agreed.
 - B. Version Property
 - i. All members agreed to add the Version property under the "Properties" section of all interface definitions.
 - C. Read-only properties + setter method
 - i. Inhwon Choi introduced email discussion with Steve.
 - ii. All members agreed with IRB's revised guideline regarding to the use of property versus method and to change read-only property + setter method to read-write property.
 - D. Alert code description
 - i. Inhwon Choi introduced Stefano Toppan's revised proposal.
 - ii. All members agreed to add the GetAlertCodesDescription method.
 - E. Removing "Id" from OperationalCycleId, CyclePhaseId, OperationalModelId.
 - i. All members agreed to remove "Id" from OperationalCycleId, CyclePhaseId, OperationalModelId.
 - F. Device type signaling and certification, and Common interface
 - i. Inhwon Choi introduced an alternative solution to use About for device type signaling and commented that certification point of view needs to be discussed with C&C WG.
 - ii. All members agreed with Inhwon Choi's proposal to use About for device type signaling.
 - iii. Inhwon Choi commented that we will move some of the read-only properties in the Common interface to the About metadata and the Location property will be moved into the Configuration interface and members agreed.
 - iv. Inhwon Choi suggested the below details.
 1. Add a custom field to AboutData to signal standard device types, which is an array of {device type, object path} pair,
 2. Remove the SmartSpaces.Devices namespace along with all empty device interfaces or rename SmartSpaces.Devices. into SmartSpaces.DeviceSpecific
 3. Treat the non-empty device interfaces like shared interfaces and rename them appropriately. (Devices.ClothesWasher -> Operation.ClothesWashing)
 - v. Mike Finch Commented that he agreed to remove empty interfaces but we don't need to remove the Devices namespaces nor rename that.

- vi. Stefano Toppan suggested renaming SmartSpaces.Common to SmartSpaces.RemoteControl because this interface only has the RemoteControl property and this remote control function can be used outside of the HAE project.
- vii. Inhwon Choi commented that the SmartSpaces.RemoteControl interface sounds like specific interface, it doesn't sound like representative interface.
- viii. Inhwon Choi commented that we need more discussion about name of our representative interface and renaming the existing devices interfaces.

G. Filter status

- i. Mike Finch introduced IRB's concern and the updated FilterStatus interface definition
- ii. Inhwon Choi asked the difference between FilterInformation property and return value of the GetFilterDescription method.
- iii. Mike Finch commented that the GetFilterDescription method can be localized and it can be used if device has multiple instances of the same filter.
- iv. Inhwon Choi asked that we need the FilterLifespanDays and the FilterLifeRemaining simultaneously.
- v. Stefano Toppan commented that he doesn't think it's easy that any filter will provide both information.
- vi. Inhwon Choi commented that a filter which supports the FilterLifespanDays also can provide the FilterLifeRemaining percentage easily, but it's not easy in the opposite direction.
- vii. Mike Finch and Inhwon Choi commented that we can use the special value for this issue.
- viii. Inhwon Choi commented to continue our discussion at the HAE gerrit.

H. Operational Control

- i. Inhwon Choi introduced proposal to split the OperationalOnOff interface from the OperationalControl interface. Stefano Toppan disagreed with Inhwon Choi.
- ii. Stefano Toppan commented that if we split the OperationalControl interface, we should check all states again.
- iii. Inhwon Choi suggested that we will discuss again after LGE team provides split interfaces and other teams review those interfaces.

I. Day or night mode of the Thermostat interface

- i. Inhwon Choi introduced Dominique and Mike's comment about day or night mode of the thermostat.
- ii. Inhwon Choi and Patrick Gonja agreed that Patrick Gonja will provide the thermostat scheduling interface definition and Seungchul Han will submit Patrick Gonja's proposal to the HAE Gerrit on behalf of Patrick.

J. Next weekly call schedule

- i. All members agreed to skip next weekly call (8/13, T3) and keep the meeting sequence.
- ii. Technical weekly call will be resumed from 8/20, T1.

- iii. Members agreed to update project milestone at the first meeting of September. (9/3, T3)
- iv. Patrick Gonia asked that we have any plan like demonstration in the AllSeen Alliance Summit.
- v. Inhwon Choi answered that we have no demonstration plan but he is asked to provide speaking on the collaborative development at the technical track by Brett Preston.

Action Items

- 1. Provide split OperationalControl and OperationalOnOff interfaces. (LGE)
- 2. Provide the thermostat scheduling interface. (Honeywell)
- 3. Have a discussion on the proposed change to FilterStatus at the HAE Gerrit. (All)

Next Meeting Agenda

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