

Home Appliances & Entertainment (HAE) Service Framework

Weekly Technical Meeting – May 28, 2015

Agenda

1. Approve Minutes from Previous Meeting
2. Develop Shared Interfaces

Attendees

<i>Name</i>	<i>Company</i>
Inhwan Choi	LGE
Wonchul Choi	LGE
Seungchul Han	LGE
Chanhun Jeon	LGE
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Lu Xiaoqiang	Haier
Yoshinori Nagai	Sharp
Tomoki Ogawa	Panasonic
Shigeki Nakamura	Sony
Patrick Gonia	Honeywell
Mike Finch	Lowes
Hans Harmon	Lowes
Ry Jones	Linux Foundation

Meeting Notes

1. Approve Minutes from Previous Meeting

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

2. Develop Shared Interfaces - UserInterfaceSettings

Stefano Toppan explained the UserInterfaceSettings interface.

- A. Inhwon Choi commented that it's clear that members reached a consensus on defining TemperatureUnit in the UserInterfaceSettings interface and reserving a special value to indicate "unknown" or "unsupported" for each specific item (property) is a good approach for future extension of this interface.
- B. Inhwon Choi asked whether the TemperatureUnit should be writable or not.
- C. Tomoki Ogawa commented that some devices cannot change temperature unit, in that case, if the TemperatureUnit is writable, device should return appropriate error message.
- D. Tomoki Ogawa asked whether defining the SelectedLanguage is a scope of the HAE or not.
- E. Inhwon Choi answered that the SelectedLanguage is for informing a controller application of what is the displayed language for the local UI of the appliances and he said this information might be helpful and can be included in this interface definition.
- F. Hans Harmon commented that if it would be optional, it's reasonable for read-only of the TemperatureUnit.
- G. Inhwon Choi commented IRB guideline said that if some capability or resource is optional then they recommend to split off those parts into separated interfaces. An interface definition is an all-or-nothing promise.
- H. Mauro Taiariol gave 2 comments.
 - i. If a device doesn't allow changing the value of attribute of the UserInterfaceSettings interface, device can return appropriate error message when a controller application tries to set the attribute value.
 - ii. If the SelectedLanguage can be writable, we should be able to get list of supported languages.
- I. Mauro Taiariol and Mike Finch agreed with error returning mechanism. If the attribute is writable and a device doesn't allow changing the value of attribute, device can return appropriate error message.
- J. Inhwon Choi suggested that we would continue to discuss about this interface until next weekly meeting.

Tomoki Ogawa explained the ResourceSaving interface and AllSeen HAE Economy Mode I/F document.

- A. Inhwon Choi commented that in some examples the economy mode is treated as the same as the automatic mode but in other examples those are distinguished from each other. We should be clear the economy mode versus the automatic mode.
- B. Tomoki Ogawa commented that economy mode is an additional indication for user and operation cycle may include the automatic mode, economy mode and etc., this resource

saving mode is a separated attribute from cycle definition, so this resource saving mode can be used with any kind of cycle potentially.

- C. Tomoki Ogawa and Inhwon Choi agreed that the ResourceSaving interface can be used independently from operation mode or cycle selection.
 - D. Mauro Taiariol asked that it's possible to apply the economy mode while the device is working.
 - E. Tomoki Ogawa answered that it depends on the device.
 - F. Mauro Taiariol commented that we should consider returning error when some devices cannot accept to change the economy mode.
 - G. Inhwon Choi suggested that we would continue to discuss about this interface until next weekly meeting.
3. Wrap-up meeting
- A. Inhwon Choi explained the JIRA ticket for assignments of the interface definition.
 - B. Inhwon Choi asked that if members want to attend the 3rd F2F meeting, share list of attendees to the Haier team as soon as possible.
 - C. Patrick Gonja asked Inhwon Choi to provide a sample for the device interface definition.
 - D. Inhwon Choi answered that you can find an example for the air conditioner device interface definition in ASAHAE-12 of the JIRA.

Action Items

- 1. Check and upload the assigned interface definitions (All members)
- 2. Provide list of attendees for 3rd F2F meeting to Haier team. (All members)

Next Meeting Agenda

- 1. Approve minutes from previous meeting
- 2. Develop shared interfaces and/or comments & resolutions.