

Home Appliances & Entertainment (HAE) Service Framework

Weekly Technical Meeting – June 4, 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
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Yoshinori Nagai	Sharp
Minoru Kubota	Sharp
Tomoki Ogawa	Panasonic
Tomonori Nakamura	Panasonic
Shigeki Nakamura	Sony
Patrick Gonia	Honeywell
David Kaufman	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

Inhwan Choi explained the merged RepresentedAirQualityLevel interface.

- A. All members approved the RepresentedAirQualityLevel interface definition.

Inhwan Choi explained the modified UserInterfaceSettings interface.

- A. Tomoki Ogawa commented to add same description with the ChangeDisplayLanguage's description to the SupportedDisplayLanguage field.
- B. Inhwan Choi added a description, "The display language shall be IETF language tags specified by RFC5646", to the SupportedDisplayLanguage field.
- C. A question was raised if TV device should implement the TemperatureUnit attribute to use this interface.
- D. Inhwan Choi commented that if your device doesn't support any given attribute, you can set the special value "Unavailable" for that attribute and your device can return an error when it receives a method call to change that attribute value.
- E. Patrick Gonias commented that the UserInterfaceSettings interface should be optional because many devices wouldn't need these settings.
- F. Inhwan Choi commented that he tries to keep the UserInterfaceSettings as a single interface in order to avoid producing too many separated interfaces for each user setting.
- G. Inhwan Choi commented the TargetTemperature and RepresentedTemperature interface including a unit attribute is old version, current version of those interface definition doesn't have a unit attribute.
- H. Patrick Gonias asked whether he can decide to include this specific interface in the definition of the thermostat device or not.
- I. Mike Finch commented that let him put the explanation into the theory of operation section of this interface to clear and resolve discussed concern.
- J. Inhwan Choi commented that the use of this shared interface 'UserInterfaceSetting' is not mandatory requirement and he believes there is no possibility that this interface would be one of the minimum required shared interfaces by any HAE device.
- K. Inhwan Choi commented that high level description would be included in the theory of operation and also the minimum required shared interfaces shall be specified in the theory of operation section of each device interface.
- L. Mauro Taiariol commented that new concept to enable/disable the remote control using the remoteSetting is not consistent with previous approach that is a returning an error code when device doesn't allow the remote control.
- M. Inhwan Choi commented that in the case of the UserInterfaceSetting, the reason of inventing the remoteSetting is that some devices don't allow to change their value all the time not temporarily.

- N. Mauro Taiariol and Tomoki Ogawa commented that the remoteSetting depends on the current status of device. The remoteSetting can be changed in the runtime even in the same device.
- O. Mauro Taiariol commented that if the remoteSetting can be changed dynamically, we should apply this approach to all interfaces. And he preferred previous approach rather than adding the remoteSetting to all interfaces related user settings.
- P. Inhwon Choi commented that original intention is to avoid any trial and error situation.
- Q. Inhwon Choi suggested that we would discuss about these two interfaces via email until next weekly call.
- R. Patrick Gonias asked an example of the device interface as a reference.
- S. Inhwon Choi answered that LGE team were working on the markdown document for the device interface definition and they could provide those interface definitions within this week.
- T. Stefano Toppan and Mike Finch agreed that Lowes team take over the DoorStatus, FilterStatus and UserInterfaceSettings interfaces.

Action Items

1. Provide a markdown document sample for the device interface. (LGE)

Next Meeting Agenda

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