

## ***Home Appliances & Entertainment (HAE) Service Framework***

### ***Weekly Technical Meeting – March 26, 2015***

#### ***Agenda***

1. Approve Minutes from Previous Meeting
2. Discuss 2<sup>nd</sup> F2F Meeting Agenda and its Duration
3. Develop and Approve Shared Part – Fan, Door, Filter and Humidity

#### ***Attendees***

<b><i>Name</i></b>	<b><i>Company</i></b>
Inhwan Choi	LGE
Wonchul Choi	LGE
Seungchul Han	LGE
Chanhun Jeon	LGE
Dongwon Kim	LGE
Hwanseok Choi	LGE
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Milton Wang	Haier
Yoshinori Nagai	Sharp
Tomoki Ogawa	Panasonic
Hiroo Ishikawa	Panasonic
Tomonori Nakamura	Panasonic
Shigeki Nakamura	Sony
David Kaufman	Honeywell
Patrick Gonia	Honeywell
Jonathan Hahn	Firstbuild
Qiang	-

## Meeting Notes

### 1. Approve Minutes from Previous Meeting

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

### 2. Discuss 2<sup>nd</sup> F2F Meeting Agenda and its Duration

Inhwan Choi introduced 2 versions of F2F meeting agenda

- A. Inhwan Choi suggested that all members send a preference among two agenda options, and information of attendees of F2F meeting before end of this week.

### 3. Develop and Approve Shared Part – Fan, Door, Filter and Humidity

Inhwan Choi presented the WindStrength and the WindDirection.

- A. David Kaufman agreed that AutoMode is related to a thermostat function, not a fan function.
- B. Yoshinori Nagai commented if we have only a target direction, we cannot know the direction of a fan.
- C. Inhwan Choi commented that it would be better not to separate the wind direction because the the actual wind direction will follow its target value very quickly.
- D. Yoshinori Nagai agreed with Inhwan Choi.
- E. Mauro Taiariol asked the case supporting both a horizontal direction and a vertical direction at the same time.
- F. Inhwan Choi answered that in this case, you should make two instances of the Direction interface, one can be its DeviceType=Horizontal, another one can be its DeviceType=Vertical. We can distinguish these two instances using different object paths.
- G. Mauro Taiariol commented that the OperationOnOff of the WindStrength can be an attribute of the common interface.
- H. Mauro Taiariol commented that similar to the wind strength, the WindDirection can include OperationOnOff attribute to enable or disable the wind direction operation.
- I. Inhwan Choi suggested that we remove the OperationOnOff from the shared parts. And we will revisit this issue after defining the shared parts and the device specific parts. The device specific part will include its own operation mode. Once all device specific parts are defined, we can make a decision whether the operation mode can be moved to a common part or not.
- J. Patrick Gonias asked how to handle an operation on/off and an automode, of a thermostat using this fan device model.
- K. Inhwan Choi answered that the AutoMode should be supported by a thermostat because a thermostat can control a fan using temperature or humidity information. And the OperationOnOff can be an attribute of a Fan specific interface.
- L. Mauro Taiariol asked how a fan operates if user set the TargetSpeed when the OperationOnOff is off.
- M. Inhwan Choi answered that the OperationOnOff does not depend on the TargetSpeed. So we cannot turn on/off a fan using the TargetSpeed.

- N. Inhwon Choi suggested that LGE team will prepare a few slides to explain an operation on/off clearly.

Inhwon Choi introduced the updated DoorStatus of the shared part.

- A. Patrick Gonias and David Kaufman suggested renaming the DoorStatus to clarify the meaning of this attribute.
- B. All members approved the DoorStatus model.

### ***Action Items***

- 1. Share a preference among two agenda options, and information of attendees of F2F meeting before end of this week. (All Members)
- 2. Prepare a presentation to explain an operation on/off clearly. (LGE)

### ***Next Meeting Agenda***

- 1. Approve minutes from previous meeting minutes
- 2. Proposed approach to define operation mode.
- 3. Develop Shared Part – Fan, Filter and Humidity, etc.