Home Appliances & Entertainment (HAE) Service Framework

Weekly Technical Meeting – July 23, 2015

Agenda

1. Approve Minutes from Previous Meeting
2. Resolve Residual Issues, if any
3. How to Submit and How to Respond
4. Expected Feedbacks from IRB

Attendees

Name	Company
Inhwan Choi	LGE
Wonchul Choi	LGE
Dongwon Kim	LGE
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Lu Xiaoqiang	Haier
Yoshinori Nagai	Sharp
Tomoki Ogawa	Panasonic
Shigeki Nakamura	Sony
Takeshi Oishi	Sony
Patrick Gonia	Honeywell
David Kaufman	Honeywell
Mike Finch	Lowe's
Burçak	Arçelik

Meeting Notes

1. Approve Minutes from Previous Meeting

   A. All members approved the minutes from previous meeting.

2. Resolve Residual Issues, if any

   Stefano Toppan raised an issue that TargetMoistureLevel and MoistureOutput interfaces look very similar from each other.

   A. Inhwan Choi commented that the TargetMoistureLevel and the MoistureOutputRate have physically different meanings from each other. While the TargetMoistureLevel means the equilibrium state to be reached, the MoistureOutputRate is the rate of moisture output, and thus is about how fast a device reaches the target level.

   B. Electrolux team suggested that even though their meanings are different from each other, the descriptive information for each level can be used to distinguish their intended meanings.

   C. Inhwan Choi responded that the descriptive information is just for human's understanding, and the AutoMode of the MoistureOutput interface doesn't make no sense for TargetMoistureLevel and so he suggested to keep two separate interfaces for both of them.

   D. Members agreed and suggested to provide a clearer description in the Theory of Operation section of the MoistureOuput interface.

   E. Inhwan Choi agreed to provide a better description of the MoistureOutput interface.

3. Expected Feedbacks from IRB
   Inhwan Choi introduced the followings from the discussions between one IRB member and him.

   A. Discovery of Device Type

      i. The point of using About to find an interface before joining a session is because those clients want to find the functionality defined.

      ii. You cannot use an interface that does not define any functionality as a surrogate for finding a device type. Doing so, is an abuse of the purpose of interface names.

   B. Semantic Meaning

      i. You can't use an interface name to provide semantic meaning. An interface can only identify the interface it defines.

   C. Then, what are candidate alternatives ?

      i. Adding "deviceDescription as an array of {DeviceType, ObjectPath} or extending the objectDescription to have additional "DeviceType" element.

      ii. Defining object path guidelines for device types.

   D. Time Service

      i. It proposed not only a mechanism for setting date-time on devices that are not themselves an authoritative time source, but it also has a proposed mechanisms for setting alarms or future time based events.

      ii. It is highly recommended for HAE group to finish Time Service because it intends to cover more general use cases than Operation.Timer interface.

Inhwan Choi suggested to see official feedbacks from all IRB reviewers and have discussions with them at the IRB gerrit.

4. How to Submit and How to Respond

Regarding to how to submit interfaces to IRB and how to respond to IRB comments, Inhwan Choi suggested the followings.

A. Submit interfaces per namespace and assign an owner for each namespace to commit to IRB gerrit.

    i. org.alljoyn.SmartSpaces : LGE

    ii. org.alljoyn.SmartSpaces.Devices : LGE

    iii. org.alljoyn.SmartSpaces.Operation : Electrolux

    iv. org.alljoyn.SmartSpaces.Environment : LGE

    v. org.alljoyn.SmartSpaces.UserInterfaceSettings : Lowe's

B. In principle, all members should respond to IRB comments, but at least an author of each interface has a primary responsibility to respond.

C. Discuss and resolve any significant issues via mailing and weekly calls. In case of trivial comments such as cosmetics and typos, it is okay and more efficient to update interface definitions without group discussion.

D. Use HAE gerrit for just collecting updates per namespace. Most comments and resolutions should be done at the IRB gerrit.

E. Upload new patch sets to IRB per namespace just after every weekly call. So we're going to upload new patch sets to IRB once every week.

F. If members are not available during some period of time due to summer vacation or other matters, please let us know in advance. Other members can step up to prepare or submit new patch sets to IRB gerrit.

G. Keep weekly meetings to respond to IRB even though some of members are not available.

Action Items

1. Provide a clearer description for MoistureOutput interface. (LGE)
2. Submit interfaces per namespace to IRB by end of this week. (Owners)

Next Meeting Agenda

1. Approve minutes from previous meeting
2. Respond to IRB feedbacks.