

AllSeen Alliance

TSC Minutes

April 7, 2016

9:00am PDT

via WebEx and F2F Meeting of the TSC Members

TSC Participants:

Aaron Vernon (Two Bulls)

Art Lancaster (Affinegy)

Betty Zhao (Haier)

Burak Demirtas (Arcelik)

Dino Natucci (Microsoft)

Fabrizio Dolce (Electrolux)

John Cameron (LIFX)

Joost Westra (Philips)

Kouichi Uchimura (Sony)

Marcello Liroy (QCE)

Not in attendance:

Dominique Chanet (Qeo)

Hiroaki Noda (Sharp)

Inhwan Choi (LGE)

Ram Jeyaraman (Microsoft) - *not counted towards quorum*

Shinichi Yuga (Canon) - *not counted towards quorum*

Brett Preston agreed to take minutes.

Antitrust Compliance Notice

Marcello reminded the TSC of its antitrust compliance notice.

Marcello introduced the Agenda for the meeting:

- Review Agenda/Introductions
- Approve minutes from previous meeting
- Discuss how AllJoyn fits within the wider IoT landscape
 - WG Structure: What changes do we need to make
 - Roadmap Discussions
 - Review Actions and Agreements

Approve minutes from the last call

Marcello called for a motion to approve the minutes from the last meeting. Moved, seconded, than unanimously approved by TSC.

Discuss how AllJoyn fits within the wider IoT landscape

Aaron opened discussion around how AllJoyn fits within the wider IoT landscape,

now and into the future. What does the Alliance want AllJoyn to be; and how can we get there?

Aaron noted presentation made by Greg Burns at OpenIoT Summit, comparing AllJoyn and IoTivity.

(reference slide presentation [here](#))

Art noted the proliferation of so many mature M2M solutions out in the market, sharing his slides from OpenIoT Summit.

(reference slide 4 [here](#))

Discussion ensued noting that it is highly unlikely there will only be one in the end.

Agreement was made that there are at least 4 things that most manufacturers must currently support:

- 1) Apple
- 2) Google
- 3) AllSeen
- 4) OIC

Comment was made that the best scenario for security would be a consolidated solution versus bridging.

Security was highlighted as a key area that must be tested as part of Certification.

Maturity of the AllJoyn code, alongside Certification, was highlighted.

Potential collaboration with the WiFi alliance was risen.

Discussion concluded in recognition that there will never be just 1 technology. Consensus in how we play with others is connectors in the Gateway project. Target highlighted was Certification around interoperability with other protocols through connectors.

Open Translators to Things was noted as a new open source project that has been initiated by Microsoft to translate common IoT schemas to specific hardware devices. (reference <http://www.opentranslatorstothings.org/#/>)

Request was risen for Use Cases to compare with TSC roadmap.

Request was risen to raise with the Board a request to add a certification piece around interoperability with protocols outside of the Alliance. Additional request was for a Board committee to look at important Use Cases that the TSC should be focused on.

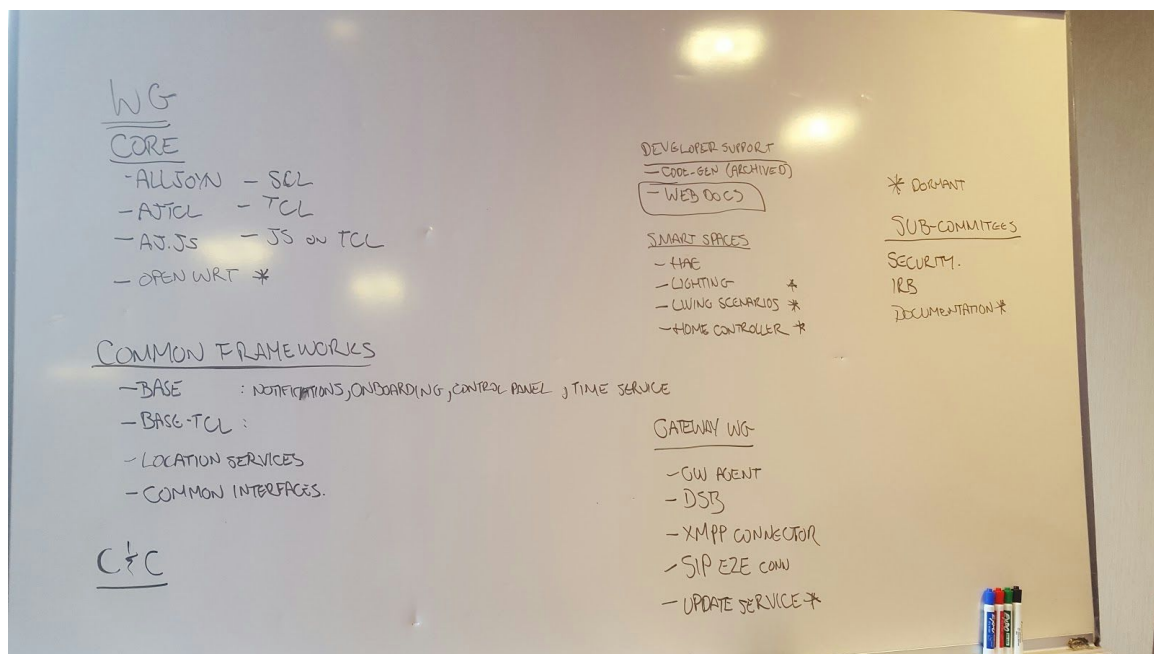
WG Structure:

Marcello opened discussion around what changes are needed to Working Group structure. Marcello noted Developer Support is currently without a Chair, nor any committers in Webdocs. Marcello also raised the current discussion around Smart Space/Common Interfaces project.

Developer Support WG:

- Suggestion was made for each WG to volunteer at least 1 committer for Webdocs. TSC unanimously agreed to proposal.

Current working group/project structure was mapped out on a white board:



Discussion ensued around Smart Spaces and Common Frameworks.

Consensus was driven to:

1. Need to rename Common Interfaces project
2. Move Common Interfaces Project under Smart Spaces Working Group

Security Update

Brian provided update on SSC Current Members.

Brian presented update on SSC Progress:

- Charter approved 2015/03/31
- Vulnerability Handling Process
 - Finalized 2015/07/08
- Security Reviews as part of the Interface Review Board (IRB) Process

- Fully approved 2015/08/19

Brian presented SSC Open Issues

- IRB Security Review Team
 - Originally 6 volunteers, Currently 2 volunteers
- Automated Code Review
- Defining a security testing process
- Defining best practices
 - 2 volunteers, but little progress
- Manufacturing Certificates / Global CA
- Tackling risks across all AllSeen Projects
- Even just keeping the SSC wiki up to date

A call for expertise was once again put out to the TSC.

Request was made to raise the issue of low security participation to the Board.

Idea was risen to look at paid development model, if that proves to be the only way to address the gap.

Roadmap Discussions

Marcello walked through Core WG roadmap, as previously presented on TSC call.

Core WG prioritization updates:

1. Move IPv6 support up to number 2 on list, including 6LoPAN

Art walked through Gateway Agent WG roadmap, as previously presented on TSC call.

Roadmap idea was presented to move gateway agent into Core. Request was made for proposal to first be presented into the Core WG. Once approved by Core, it could then be presented to the TSC.

TSC was in agreement with roadmap as proposed by Art, with caution was risen around aggressive timing of pending proposal to move gateway into core for 16.10.

Motion was risen for the Developer Working Group to be formally disbanded, with Webdocs to remain as a standalone project.

TSC verbally voted and approved the motion to disband the Developer Working Group, leaving Webdocs as a standalone project.

AI: Each WG Chair needs to provide 1 person to support Webdocs by 4/19

Motion to approve Jarrod Moldrich as a committer under Webdocs project was

voted on and verbally approved by the TSC.

Aaron walked through Common Frameworks roadmap, as previously presented on TSC call.

Discussion ensued around figuring out media discovery, looking at DLNA and UPnP, amongst others to start. Consensus ensued that such a project would live under HAE.

Time service was identified as an area to raise back up on the radar under Common Frameworks.

John walked through Smart Spaces roadmap, as previously presented on TSC call.

Consensus was reached around investigating potential to develop a common controller.

Proposal was presented to archive lighting services framework since:

- Lighting schemas would be available via Common Interfaces
- Lighting controller (Scenes, Groups, Routing) would be available via Home Controller

Review Actions and Agreements

1. Prioritization > Core: Security #1; IPv6, w. 6LoPAN #2
2. Gateway > Gateway project into Core proposal to follow in the coming weeks from Art; initially presented to Core WG, followed by TSC.
3. For prioritization (AllSeen Developers): RN Election, Update Service, Time Service, Common Interface, Media Discovery, Common Controller, PCHA/EnOcean/ULE/Platform Partnerships, Sec 2.0, IPv6/6LoPAN, Basic "PlugFest" Characterization/Testing, ~~TCL Refactoring~~, Maintenance
 - a. 0. Maintenance
 - b. Sec 2.0 (2 FTE)
 - c. Basic "PlugFest" Characterization/Testing (2 Dev + QA)
 - d. IPv6/6LoPAN (3-4 FTE whole cycle)
 - e. Common Interface (to be renamed) (2 FTE whole cycle)
 - f. Common Controller (3 FTE)
 - g. RN Election
 - h. Media Discovery
 - i. Time Service
 - j. Platform Partnerships
 - k. Update Service
4. Marcello > Board
 - a. Certification of Interoperable Connectors (inc. Security)
 - b. Marketing input w/ respect to Use Cases

- c. SSC Gap
- d. Fragmentation issue causing hesitancy
- e. Agreement on risk re: lack of labor available to the project

Marcello closed meeting/call