ALLSEEN ALLIANCE

Technical Steering Meeting

April 07, 2015

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Reminder:
This call is being recorded

1. Approve minutes from TSC face-to-face meeting

2. Vote: Naming conventions for interfaces

3. New WG structure

4. TSC Charter Updates

5. Technical Outreach Proposal

6. Smart Spaces Working Group

7. MSFT's project proposal and vote for approval

8. Location services update

Vote: Naming conventions for interfaces

Vote: Naming conventions for interfaces

- Propose reverting to "org.alljoyn" prefix for standardized interfaces now that org.alljoyn domain is owned by the AllSeen Alliance

- Propose using "org.alljoyn.example" as the default prefix used in interfaces used by samples and test apps

New Working Group Structure

Working Groups (1/2)

- Common Frameworks Working Group
  - Chair - Greg Burns (Qualcomm)
  - Location Services Project
  - Media Delivery Project

- Compliance and Certification Working Group
  - Chair - Ram Jeyaraman (Microsoft)

- Core Working Group
  - Chair – Marcello Lioy (Qualcomm)
  - Security 2.0 Project
  - Data-Driven API Project

- Developer Support Working Group
  - Chair - Mathew Martineau (Qualcomm)

Working Groups (2/2)

- Gateway Working Group
  - Chair – Art Lancaster (Affinegy)
  - Analytics Connector Project
  - Update Service Project

- Smart Spaces Working Group
  - Chair – TBD
  - Connected Lighting Projects
  - Home Appliances & Entertainment (HAE) Service Framework Project
  - Home Controller Project
  - Living Scenarios Project

- Discussion Groups
  - Connected Car Project Discussion Group
  - Energy Project Discussion Group

TSC Charter Updates

Section 5.5   Committees of the Members

(a) From time to time, the Board may establish Member Committees in addition to the Technical Steering Committee (as described in paragraph (b) below). Unless otherwise specified in these By-laws or by the Board, each Member Committee may have such Working Groups as from time to time may be approved by such Member Committee, within the strategic direction established by the Board.

(b) A Technical Steering Committee of the Alliance shall be established consisting of (i) the Chair of each Working Group, (ii) a representative who may be optionally designated by each Premier Member at the discretion of the Premier Member, notwithstanding the fact that such Premier Member is also represented on the Technical Steering Committee by one or more Working Group chairs; and (iii) the TSC Chair. The operation of the Technical Steering Committee shall be governed by the rules of process of such Committee as from time to time approved by the Board. The TSC Chair shall be appointed by the Chair of the AllJoyn Core Working Group. The TSC Chair may only be an employee of a Premier Member. The initial term of the TSC Chair shall be two (2) years, and the TSC Chair term shall be extended to be coterminous with the Membership term of the Premier Member that employs and appointed such person. After the initial term, the Technical Steering Committee Chair shall be elected annually by a majority vote of the TSC members. The TSC Chair may be re-elected for additional terms without limit. The Technical Steering Committee shall be under the leadership of the TSC Chair. The Technical Steering Committee Chair shall attend meetings of the Board as a member of the Board, and may vote at such meetings.

(c) At all meetings of any Committee of the Members, a majority of the members who have joined the Committee and who have active voting rights on that Committee shall constitute a quorum for the transaction of business, and the act of a majority of such members present at any meeting at which there is a quorum shall be the act of the Committee. The voting rights of a member shall become active upon joining the Committee. The voting rights of any member who misses two consecutive meetings of the Committee shall be suspended for that Committee, and the member not counted for purposes of determining quorum. The voting rights of members who have been suspended for non-attendance shall be restored as of the call to order of the next meeting the member attends of that Committee.

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Section 5. Establishment of the TSC. There will be a single TSC that will span all Working Groups of the Alliance.

- The TSC members shall consist of (i) the Chair of each Working Group, (ii) a representative who may be optionally designated by each Premier Member at the discretion of the Premier Member, notwithstanding the fact that such Premier Member is also represented on the Technical Steering Committee by one or more Working Group chairs; and (iii) the TSC Chair pursuant to section 5.5 (b) of the Bylaws.

- The TSC shall be under the leadership of the TSC Chair. The initial TSC Chair shall be appointed by the Chair of the Core Working Group. The TSC Chair shall be an employee of a Premier Member.

- The initial term of the TSC Chair shall be two (2) years, and the TSC Chair term shall be extended, but not reduced, as necessary to be coterminous with the initial membership term of the Premier Member that employs and appointed such person.

- After the initial term, the TSC Chair shall be elected annually by a majority vote of the TSC members. The TSC Chair may be re-elected for additional terms without limit.

- The TSC Chair shall attend meetings of the Board as a member of the Board, and may vote at such meetings pursuant to section 5.5 (b) of the Bylaws.

Philip DesA…, 3/16/2015 9:57 AM

Deleted: The TSC members shall consist of (i) the Working Group Chairs, including the TSC Chair, and (ii) for so long as any Premier Member is not otherwise on the TSC (subject to the following bullet), a representative designated by such Premier Member

Philip DesA…, 3/16/2015 9:46 AM

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Each Premier Member shall be entitled to appoint one voting representative to the TSC if such Premier Member is otherwise not represented on the TSC, unless such Premier Member's other representative on the TSC chairs the Core Working Group responsible for the Alljoyn core framework, in which case said Premier Member may appoint a second representative to the TSC.

Philip Des…, 3/16/2015 10:53 AM

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Philip DesA…, 3/26/2015 1:26 PM

Comment [1]: These changes were mandated based on the board resolution of 5 March 2015.

Section 7. The Alliance Operations.

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(c) <u>Voting</u>. The Development Process will include provision for a voting process to be implemented for decision making in accordance with the following guidelines:

- For election of persons (TSC Chair, Working Group Chairs, etc.), a multiple-candidate method will be used. Unless otherwise designated by the Board, an Instant-runoff election will be conducted. (For example: http://en.wikipedia.org/wiki/Instantrunoff_voting.)
- Multiple-candidate methods reduce to simple majority when there is only one position to be filled.
- For Project internal decisions where no consensus can be reached, a vote will be taken and a simple majority will prevail.
- A majority of the members of the TSC who have active voting rights shall constitute a quorum for the transaction of business, and the act of a majority of such members present at any meeting at which there is a quorum shall be the act of the TSC pursuant to section 5.5 (c) of the Bylaws.
- A member of the TSC with suspended voting rights can not vote *in absentia* via email and they can not participate in email votes.

Philip DesA..., 3/26/2015 1:23 PM
Comment [2]: This section was modified based on the 5 March 2015 board resolution

Philip Des..., 3/16/2015 10:49 AM
Deleted: Simple majority voting should be used for decisions within the TSC, unless otherwise specified in Development Process.

Philip Des..., 3/26/2015 12:18 PM
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Philip DesA..., 3/26/2015 1:24 PM
Comment [3]: This section was added based on the 25 arch 2015 TSC meeting discussion and is the element open for vote.

Technical Outreach Proposal

Two-Path Approach

- Path 1: Developer Kits
  - Define "a" starter kit
    - Specific Board: Linino One or Arduino YUN
    - Launch curriculum – 3 modules. Learning outcome is an understanding of smart connected AllJoyn Enabled products - level 100.
      - Build a smart device
      - Build an app
      - Make them work together
  - Define a process for:
    - Customizing the kit with a specific company's bits
      - Working w/ Weaved on first customization
    - Adding new curriculum modules

- Path 2: Technical Training
  - All day training event
  - Targeted primarily at members
  - Working with a service company to define the parameters.
  - 3 Curriculum Modules. Level 200
    - What is AllSeen and AllJoyn – overview, concepts, architecture, resources
    - Building a smart device
    - Building a smart connected product app to work with your device

Smart Spaces
Working Group

Smart Spaces Working Group Update

- Chair

- WG Charter and definition

Project proposal: The Device System Bridge (DSB)

Overview: The Device System Bridge (DSB)

The Device System Bridge (DSB) enables non-AllJoyn devices to be included in the AllJoyn ecosystem.

A DSB uses existing device interfaces to access the non-AllJoyn devices and creates a virtual proxy of these devices on the AllJoyn bus. With DSB enabled, AllJoyn devices and non-AllJoyn devices can now interact seamlessly.

The primary targets for the DSB are purpose-built or preexisting device networks. The DSB allows a cost efficient and quick method to bring the capabilities of the devices in these networks to AllJoyn and the benefits of AllJoyn to the entire network without the need to add AllJoyn capabilities to device itself.
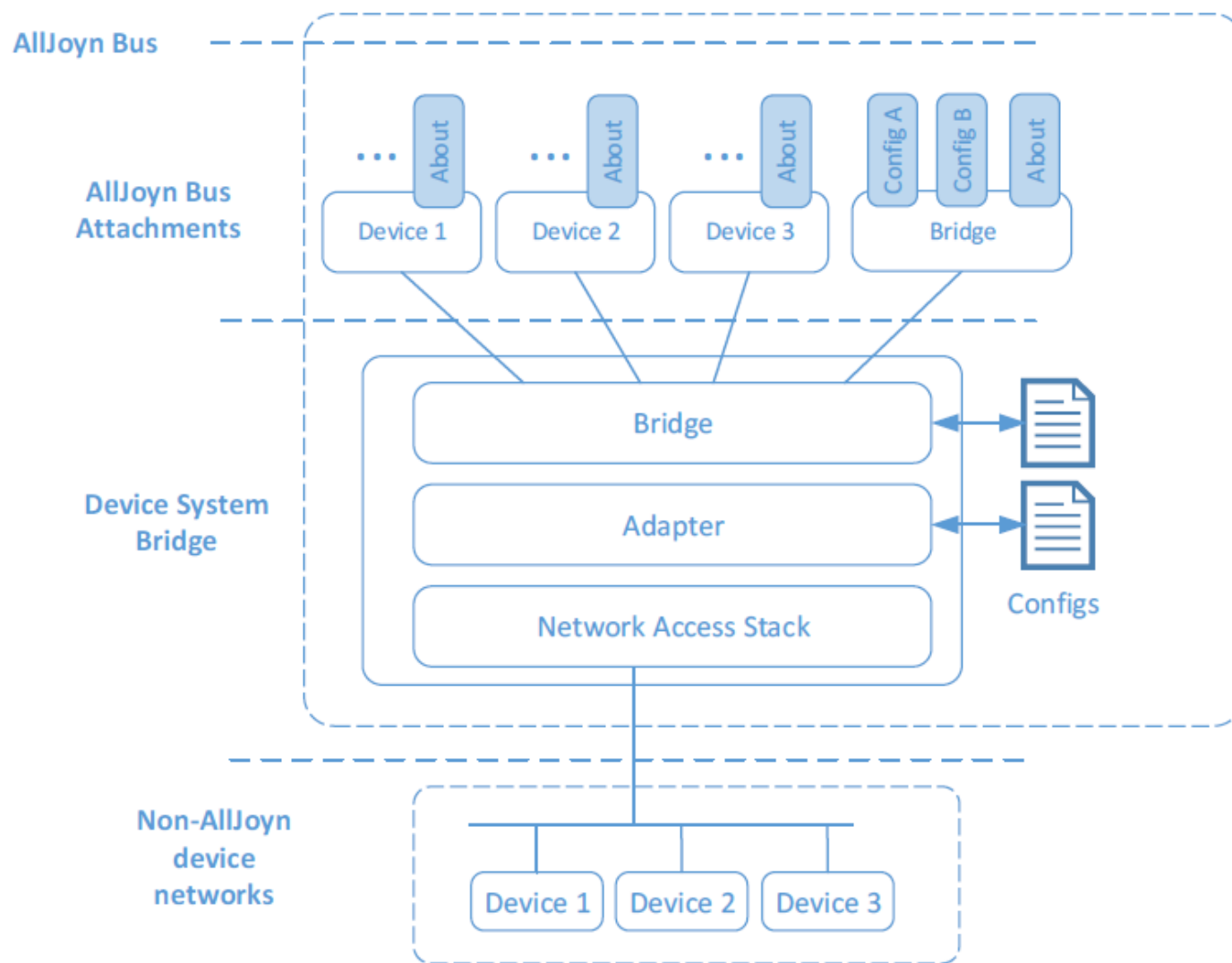
Call to vote: The Device System Bridge (DSB)

- Project Name: Device System Bridge or DSB

- Working group: Gateway Agent Framework

- Committers and Contributors
  - Torsten Stein, Microsoft (torstens@microsoft.com)
  - Names and affiliations of the committers
  - Artem Zhurid, Microsoft (artemz@microsoft.com)

- Proposed Release Schedule
  - Microsoft will release the first version of all three DSB by 4/29/2015 to align with the announcement of DSB at //Build conference.

- Vote

Location Services Update

Overview Location Services

- 4 related services – Presence, Proximity, Location and Containment

- Containment deferred to a subsequent release

- 4 active participants (Beechwoods, Politec

- Wiki page started

- Mailing list established

- Weekly meetings open to all

Current Progress

- Design complete for Presence, Proximity and Location
  - Design deferred for Containment

- Extended Introspection XML complete for Presence, Proximity and Location
  - Extended Introspection XML for Containment deferred.

- Markdown Text in progress for Presence, Proximity and location
  - Markdown Text deferred for Containment.

Progress

	Presence	Proximity	Location	Containment
Markdown Text	4/15	5/1	5/1	deferred
Extended Introspection XML	Complete	Complete	Complete	deferred
Submit to IRB	4/15	5/1	5/1	-
Code Complete	9/15	9/15	9/15	-
Release	11/15	11/15	11/5	-

Source: This is where source information goes

Thank You

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