



**ALLSEEN
ALLIANCE**

Technical Steering Meeting

April 25, 2016





Reminder:
This call is being
recorded

Antitrust Compliance Notice

- AllSeen Alliance meetings involve participation by industry competitors, and it is the intention of AllSeen Alliance to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of and not participate in any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.
- Examples of types of actions that are prohibited at AllSeen Alliance meetings and in connection with AllSeen Alliance activities are described in the AllSeen Alliance Antitrust Policy. If you have questions about these matters, please contact your company counsel, or if you are a member of AllSeen Alliance, feel free to contact Lee Gesmer or Andrew Updegrove, of the firm of Gesmer Updegrove LLP, which provides legal counsel to AllSeen Alliance.



Agenda

1. Approve minutes from previous meeting
2. General Business
 - Approve Committers for Web Docs project, AllJoyn.js and OpenWRT
 - AllJoyn Ambassador applicant and Linux Con Japan approvals
3. March Common Frameworks Developers recap
4. March Core Developers recap
5. Yocto Project proposal
6. CoAP connector project proposal
7. AJATS status/path forward



General Business

Items needing TSC review / approval

Web Docs Committers Approval

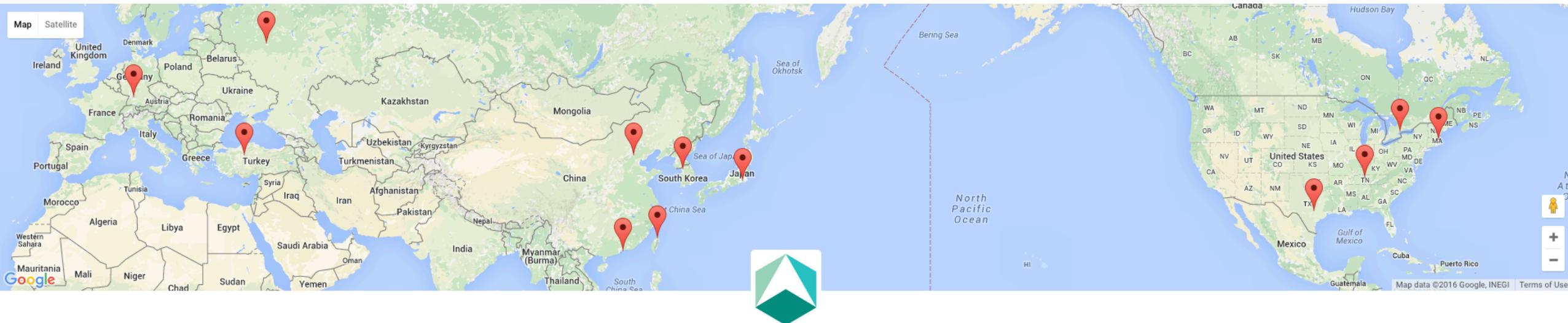
- From our last meeting we requested each working group to nominate a committer for the Web Docs project. The names below have been submitted.
 - Gateway WG: Art Lancaster
 - Common Frameworks: Jarod Moldrich
 - Core: Josh Spain
 - Smart Spaces: status?
- Resolution to approve the committers for the Web Docs project

Core WG Committers for AllJoyn.js and OpenWRT

- There are no committers for the AllJoyn.js and OpenWRT projects. These are being actively supported by the Affinegy funded developers.
- The following have been approved by the Core WG committers for both projects **core/openwrt-feed** and **core/alljoyn-js**. We ask approval by the TSC today.
 - Josh Spain - jspain@affinegy.com
 - Jorge Martinez Hernandez - jmartinez@affinegy.com

AllJoyn Ambassadors Program:

www.meetup.com/pro/alljoyn



AllJoyn User Group Meetups

We are **493** members across **12** Meetups

A Meetup group to discuss the AllJoyn Open Source Project and its ecosystem.

AllJoyn® is a collaborative open-source software framework that makes it easy for devices and apps to discover and communicate with each other. It supports many language bindings and can be easily integrated into platforms small and large. The AllJoyn framework defines a common way for devices and apps to communicate with one another ushering a new wave of interoperable devices to make the Internet of Things a reality.

AllJoyn Ambassador Program – New Applicant

1. Name: Mirco Vanini

2. Email: mirco.vanini@adamfactory.com

3. Member Company: Sponsored Member - Individual

4. Where do you live? (There are certain countries where we're seeing a lot of interest so it helps to know where you're located): Italy

5. Why are you applying to be an AllJoyn Ambassador?

It is an opportunity to meet a new experiences and people, to collaborate with a passionate people on the same technology and to give a personal contributor / point of view

6. How have you participated in the AllJoyn community to-date?

I done a couple of speech about AllJoyn in the major Italian events (WPC / Codemotion) and I will have two events in the next months (before summer)

7. What ideas do you have for your community that you wish you had time or resources to implement?

I would have time to produce an industrial real case or home automation using a different OS / platform

8. How will you work with others to achieve your goals?

It depends how the other community people can do / offers. I thinks that there are a lot of tools for working together with other members.

9. LinkedIn profile page (if available): <https://www.linkedin.com/in/proxsoft>

10. Twitter handle (if available): @MircoVanini



Interested in representing the AllSeen
Alliance as an AllJoyn Ambassador?

Apply now!

info@allseenalliance.org

AllJoyn @ LinuxCon Japan

- July 13-15, 2016 - Tokyo, Japan
- <http://events.linuxfoundation.org/events/linuxcon-japan>
- IoT Track
 - 1 HOUR – IoT 101: Getting Connected for Developers
 - 4 HOURS – AllJoyn Lab (hosted by Microsoft Open Source team)
 - Goal: Developer exposure to AllJoyn
 - Target: estimating 50-75 developers
 - Open to AllSeen members and non-members
 - Only costs to Alliance are Sponsorship, Space, and A/V (MSFT supplying hardware, attendees bringing laptops)
 - Budget estimate: \$7,500 (2016 budget for events + dev engagement = \$254k / \$6,551 spent YTD)
 - REQUESTED: TSC Approval of the \$7,500 Developer Engagement funding



AJATS status/path forward

AJATS Status/path forward

- AJATS is a device to device test bed currently operated by OSU
- Status:
 - Linux & AndroidCoaP working
 - Windows failing for configuration reason, iOS not attempted (QCE ran out of time before team moved on)
 - No one is paying attention to the output of the test runs
- Path forward
 - Previous owner (David McBride) is of option that it was worth having an FTE monitoring and maintaining the system as it found real issues
 - Issue: none of the members of the Core WG team willing to commit resources to getting it running or monitoring system
- Question for TSC:
 - Use funded resources to get this working, and keep an eye on results and file bugs?
 - Or shut down, and reallocate resources to other testing efforts
 - E.g. bug verification



March Common Frameworks Developers recap

Aaron Vernon (Two Bulls)

Resourcing

- Aaron Vernon (Project Manager) **~25%**
- Daniel Stroud (Software Architect) **~10%**
- Jarrod Moldrich (Lead Software Engineer) **100%**
- Nathaniel Garrett (Software Engineer) **100%**
- Jayden Ivanovic (Software Engineer) **100%**
- Ben Kersten (Software Engineer) was **100%** now ramping down to **0%**
- Cameron Harvey (Software Engineer) recently became **100%**
- Brian Hollister (Software Engineer) ramping up to **100%**
- Brett Rogers (Technical QA) **100%**

Resourcing Hours

	March 1st - 6th	March 7th - 13th	March 14th - 20th	March 21 - 27th	March 28th - 31st	Total Hours
Product Owner						
Aaron Vernon	8.6	10.5	11.2	10.9	8.8	50
					Total	50
Developers						
Ben Kersten	0	15	24	24.5	20	83.5
Cameron Harvey	0	0	8	14	24	46
Daniel Stroud	4	5.5	3.5	4.5	3.5	21
Jarrod Moldrich	31.1	33.5	40	27.5	16	148.1
Jayden Ivanovic	22	32	29	32	24	139
Nathaniel Garbutt	0	0	4	32	24	60
Simon Collins	1	1.25	1.25	0.5	0.4	4.4
					Total	502
QA						
Brett Rogers	32.5	41	32.5	32.5	25.5	164
					Total	164

16.04 Base Services milestones

- **15 April 2016:** Initial 16.04 Core build available to start building against
- **4 May 2016:** 16.04 Base Services Feature Freeze
- **25 May 2016:** 16.04 Base Services Release

Review - February 16.04 Base Services progress

- [30d] Add Security 2.0 support
- [20d] Update platform & language support **40% complete**
- [30d] Update to 16.04 core (some of this will be catching up to 15.09) **15% complete**
- [15d] Set up Continuous Integration for all supported platforms & languages. **80% complete**
- [15d] Fix samples **20% complete**
- [20d] Update documentation (will continue to evolve)
- [5d] Clean up Jira - remove obsolete tickets, identify and investigate important tickets **100% complete**
- [12d] Fix the bugs identified as the most important (time boxed)

Review - March 2016 Plan

- Finish CI build support for all platform/languages and combinations and add to the AllSeen CI
- Finish platform & language support as much as possible without Core changes
- Make significant progress on Security 2.0 support

March 2016 - 16.04 Base Services progress

- [30d] Add Security 2.0 support **50% complete**
- [20d] Update platform & language support **75% complete**
- [30d] Update to 16.04 core (some of this will be catching up to 15.09) **50% complete**
- [15d] Set up Continuous Integration for all supported platforms & languages. **100% complete**
- [15d] Fix samples **50% complete**
- [20d] Update documentation (will continue to evolve)
- [5d] Clean up Jira - remove obsolete tickets, identify and investigate important tickets **100% complete**
- [12d] Fix the bugs identified as the most important (time boxed)
- **[20d]** Automated Integration Tests for Onboarding and Notifications

March 2016 - Jira Issues update

- **17 issues** are new
- **9 issues** are in progress
- **23 issues** have been resolved (**2 were rejected**)
- There are currently **40 open issues**
- Weekly Triage call Monday 2pm PST - going to start being centered around Jira issues

April 2016 - Plan

- Finish Security 2.0 support
- Finish fixing Samples
- Finish updating to 16.04 core
- Start work on Automated Integration Testing
- Start updating documentation
- Work towards the feature freeze on **May 4th**



March core Developers recap

Art Lancaster (Affinegy)

Core Funded Development Update for 2016-03 and 04

- Art Lancaster, Affinegy

- Affinegy's AllJoyn Development Team
 - Have filled the iOS developer position, based in our Dallas Office. Very experienced developer who has been with Affinegy now assigned to the AllJoyn core project full time. Experienced in C++, iOS and Java and networking technologies.
- The focus of the work in March was JIRA issues resolutions supporting the 16.04 release.
Worked on the listed JIRA issues in March
 - ASACORE: 2691, 2471, 2686, 2645, 2276, 2074, 2647, 2744, 2725, 2177, 2645, 2587, 2571, 1811, 2618, 2771, 2789, 2792, 2785, 2748, 2793, 2795, 2796, 2587
- For April this continues, and in addition we've started AllJoyn.js and OpenWRT feed updates for 16.04. We have also begun work to support iOS platform updates for iOS 9 and 16.04

March 2016 – Core Dev. Staff Loading as Invoiced

MONTHLY SUMMARY	2/29 - 3/5/16	3/6 - 3/12/16	3/13 - 3/19/16	3/20 - 3/26/16	3/27 - 4/2/16	Total Hours	Role
	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>		
Art Lancaster	8	16	16	16	16	64	Developer
Josh Spain	30	30	30	30	30	120	Developer
Paul Sigurdson	20	20	20	20	20	80	Developer
Andrey Krokhin	40	40	40	40	40	160	Developer
Krystian Zlomek	40	40	40	40	40	160	Developer
Jorge Martinez Hernande	20	20	20	20	20	80	Developer
George Tang	0	0	0	0	0	0	Developer
Karol Matuszkiewicz	25	25	25	25	25	100	Developer
iOS Developer	0	0	0	0	0	0	Developer
Jes Golka	20	20	20	20	20	80	QA/Test
Developer Total	183	191	191	191	191	764	Developer
QA/Test Total	20	20	20	20	20	80	QA/Test
Totals	203	211	211	211	211	844	

March Core Hours Actual – Plan Adjustment

ADJUSTMENT FOR MARCH ACTUAL vs. PLAN

	Feb 29 - Mar 4	Mar 7-11	Mar 14-18	Mar 21-25	Mar 28 - Apr 1	Total Hours (corrected)	Total Hours (as invoiced)
	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>		
Developer Actual	89	166.5	138	123	147	663.5	
Developer Plan	183	191	191	191	191	947	764
Developer Actual - Plan	-94	-24.5	-53	-68	-44	-283.5	-100.5
QA/Test Actual	9	8	15	12	0	44	
QA/Test Plan	20	20	20	20	20	100	80
QA/Test Actual - Plan	-11	-12	-5	-8	-20	-56	-36
					Total Hours March Actual - Plan	-136.5	

Note there was a math error in the March total hours.

We under invoiced by the first week of March which numbers were not included in the invoiced total hours.

- Funded actual hours for March were under plan. Moving staff off of prior commitments and onto Core took a bit longer than planned.
- April's Invoice included the full credit for the reduced hours in March

April 2016 – Planned Core Dev. Staff Loading

Planned hours as invoiced for the 4 full weeks from 4/3 – 4/30/2016

APRIL PLAN	Apr 4-8	Apr 11-15	Apr 18-22	Apr 25-29	Total Hours
	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>	<u>Hours</u>	
Art Lancaster	20	16	16	16	68
Josh Spain	30	30	30	30	120
Paul Sigurdson	0	0	20	20	40
Andrey Krokhin	40	40	40	40	160
Krystian Zlomek	40	20	40	40	140
Jorge Martinez Hernande	15	15	15	15	60
George Tang	15	15	15	15	60
Karol Matuszkiewicz	25	25	25	25	100
iOS Developer	0	0	0	40	40
Jes Golka	20	20	20	20	80
Developer Total	185	161	201	241	788
QA/Test Total	20	20	20	20	80
Totals	205	181	221	261	868

- Reach full budget level loading in 4th week
- iOS support begins in 4th week
- Expect that May will be at full budget level (~960 hrs.)
- Focus will be on the platform gap closures in May.



Yocto Recipes for AllJoyn

Brad Kemp, Beechwoods Software, Inc

Yocto Recipes for Alljoyn

- Project Description
 - Provide Yocto recipes for building AllJoyn
 - Allows quick AllJoyn integration for devices built using Yocto
 - Developers using Yocto can add these scripts to their Yocto recipes and immediately integrate AllJoyn into their product.
 - The Yocto project mirror this project in the Yocto repositories.
- Scope
 - The code for this project is complete
 - Supported Releases
 - 15.09 – AllJoyn Core, AllJoyn Thin Client, Base Services, Thin Client Base Services
 - 16.04 – AllJoyn Core, AllJoyn Thin Client
 - Master – AllJoyn Core, AllJoyn Thin Client, Base Services, Thin Client Services
 - Last update 4/2/2016

Dependencies, Project Name, Working Group

- Dependencies
 - none
- Proposed Project Name
 - Proposed name for the project : “Yocto Recipes”
 - Proposed name for the git repository : “meta-alljoyn”
- Proposed Working Group
 - Not clear where this should live –
 - Developer Tools working group seems moribund.

Committers and Contributors

- Initial Contribution
 - Recipes to build Core, Thin Client, Base Services and Thin Client base services
- Proposed Release Schedule
 - Initial release ASAP
 - Beechwoods will maintain the recipes and update as AllJoyn components are released

Committers and Contributors

- Maintainer – Brad Kemp - Beechwoods Software
- Committers
 - Brad Kemp - Beechwoods Software
 - Herve Jourdain - Beechwoods Software
- Contributors
 - Open to any interested party



AllJoyn CoAP Connector Project Proposal

Betty Zhao, Haier Group

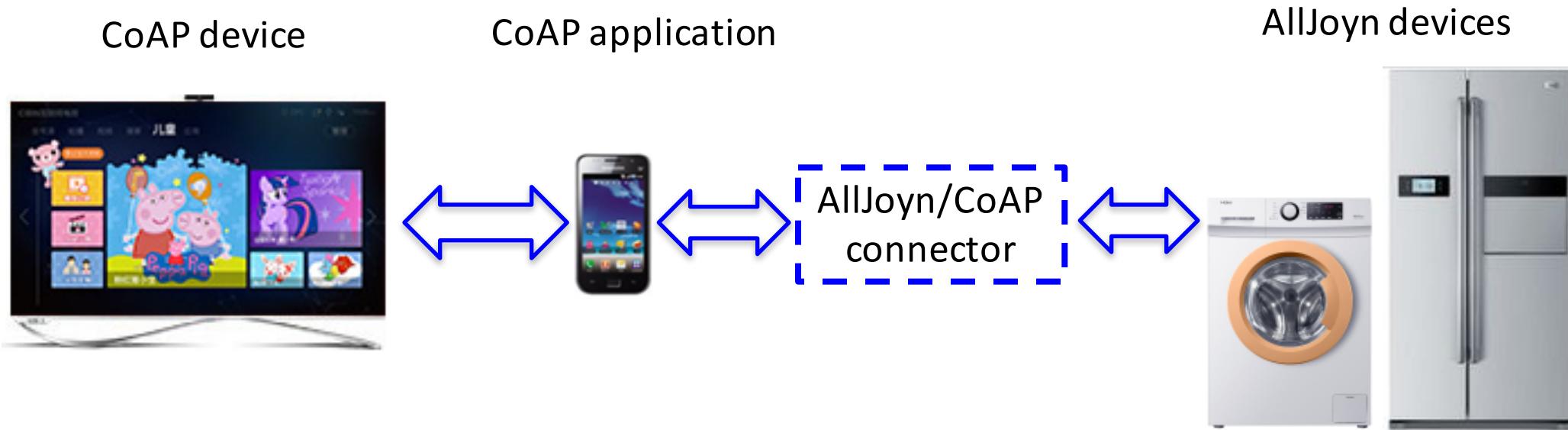
AllJoyn CoAP Connector Project Proposal

- Objectives:
 - Provide a standard connector to enable AllJoyn devices/applications to interconnect and interoperate with CoAP devices/applications.
 - By the connector, CoAP devices/applications are able to discover, monitor and control AllJoyn devices/applications.
 - From the user's perspective of view, AllJoyn and CoAP devices/applications work in one local network seamlessly.

AllJoyn CoAP Connector Interfaces

- Expose standard CoAP interfaces to CoAP devices/applications, so that CoAP devices/applications can access to AllJoyn network through the connector.
- Provide standard AllJoyn interfaces to AllJoyn devices.
 - Doesn't depend on AllJoyn Gateway Agent
 - The connector will support HAE device and Lighting device in the first release
- The connector makes translation between AllJoyn message/command and CoAP message/command.

An Application Example



Project Information

- Working Group: Gateway Working Group
- Staff - from Haier
 - Maintainer: Betty Zhao
 - Committers: Zhao Ru, Betty Zhao
- Dependencies:
 - AllJoyn Core 15.04 or newer
- Supported platforms: Linux kernel platforms, e.g. Android, OpenWRT
- GIT repository “ajcoap”, Mail list: share Gateway Working Group mail list.
- Status and schedule
 - First release is planed to be 6 months after the approval of the project.
- We ask support from the TSC for approval of this project.



Thank You

Follow Us On



- For more information on AllSeen Alliance, visit us at: allseenalliance.org & allseenalliance.org/news/blogs