



**ALLSEEN
ALLIANCE**

Technical Steering Meeting

September 19, 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. Core 16.10 update
3. Two Bulls AllSeen funded developers update
4. CDM 16.04 Update
5. Affinegy Core Funded Project Team update



Two Bulls AllSeen funded developers

- August Progress Report and September Plan

Resourcing

- Aaron Vernon (Project Manager) **~15%**
- Daniel Stroud (Software Architect) **0%**
- Nathaniel Garbutt (Lead Software Engineer) **100%**
- James Lee (Software Engineer) **100%**
- Jayden Ivanovic (Software Engineer) **100%**
- Cameron Harvey (Software Engineer) **100%**
- Brian Hollister (Software Engineer) **100%**
- Anthony Shipman (Software Engineer) **100%**
- Christian Schladetsch (Software Engineer) **100%**
- Brett Rogers (Technical QA) **100%**

August Actuals

	Total Days
Product Owner	
Aaron Vernon	4
	4
Developers	
Anthony Shipman	23
Brian Hollister	22
Cameron Harvey	23.5
Christian Schladetsch	23
Daniel Stroud	3
Jayden Ivanovic	21.5
James Lee	21.5
Nathaniel Garbutt	23
	160.5
QA	
Brett Rogers	21.5
	21.5
	186

August - Summary of work

- Completed all interfaces and submitted them to IRB
- Lots of improvements to code generation
- iOS controller work is mostly done - leverages heavily on the C++ code so when issues with the C++ code are fixed they will bubble up
- Implemented a test Qt UI for the Common Controller to put the inherited HAE controller through its paces
 - Discovered a number of serious issues related to object life time and thread safety
- Discovered serious issues relating to the controller framework with the fact that state is effectively existing in two places and not being synchronized
 - The duplicated state appears to exist so samples and unit tests can work - but they don't really
- We have devised a plan to fix all of these issues that our QA have identified

August 2016 - Jira Issues update

- **New Work**
 - **52 issues** are new
 - **34 issues** are in progress
 - **34 issues** have been resolved
 - There are currently **190 open issues**
- **Bugs**
 - **9 issues** are new
 - **6 issues** are in progress
 - **3 issues** have been resolved
 - There are currently **22 open issues**

September 2016 - Plan

- Continue to fix the Controller and Controllee framework
- Break apart framework into logical units, i.e., a library for Controllee and Controller
- Break out the interface factory into a shared library/plugin mechanism - we plan to ship the current CDM interfaces in this manner
- Groups and presets in the Java controller as concept test and then move them into the C++ Controller
- Provide samples that demonstrate how a device OEM would actually use the CDM framework



HAE/CDM 16.04 Update

Inhwan Choi

CDM 16.04 Release

- Based on TSC's approval on merging CDM and HAE, the work done by HAE project is being migrated into CDM and it will be released as CDM's 16.04 version.
- Work progress for the 16.04 release

Work Item	Status	Notes
Update interface definitions and get reaffirmation by IRB/SSC.	Done	<ul style="list-style-type: none">• Only renaming (HAE → CDM) & typo corrections.• No essential changes from the last pass of IRB (May 13, 2016) & SSC (June 16, 2016) review.• Finally approved in late August.
Update implementation codes	Done	<ul style="list-style-type: none">• Only renaming (HAE → CDM). Codes, file/folder names, and file path, etc.
Update test cases spec. and get reaffirmation by C&C WG	Done (I believe)	<ul style="list-style-type: none">• Only renaming (HAE → CDM) & typo corrections.• No essential changes from the 1st review request (June 26, 2016).• Final update was made and review requested on Sep. 06.
Release Announcement	Coming Soon	<ul style="list-style-type: none">• After migrating codes from 'hae' and 'hae_tcl' git repos to 'cdm' and 'cdm_tcl'.



Affinegy Core Funded Project Team

August 2016 Development Report and September Plan

Art Lancaster, Affinegy

August Results Report

- AllJoyn Core 16.10
 - Supporting issue resolution for the 16.10 release (see list) and IPv6 support
- AJATS
 - making good progress setting up same environment in Affinegy's Austin lab to support new release and devices such as iOS to transfer to OSU for after release support
- Worked on and Resolved
 - 30 resolved/closed
 - ASACORE – 2748, 2865, 2867, 2916, 2926, 2931, 2932, 2944, 2981, 3021, 3032, 3089, 3105, 3170, 3171, 3173, 3178, 3179, 3180, 3181, 3182, 3189, 3197, 3198, 3199, 3204, 3205, 3210, 3212, 3215
- Worked on but still open
 - 21 in progress

August Report

- August actual staffing total hours 982
- August actual staffing with a small variance 5.4% below planned hours.

Actual vs. Plan	Plan	Actual	Difference
Month of July	<u>Hours</u>	<u>Hours</u>	<u>Actual - Plan</u>
Development/Mgmt			
Art Lancaster	8	4	-4
Josh Spain	152	134	-18
Paul Sigurdson	112	86	-26
Krystian Zlomek	128	142	14
Jorge Martinez Hernandez	135	141	6
George Tang	135	150	15
Karol Matuszkiewicz	152	145	-7
Art Lancaster	8	4	-4
Josh Spain	152	134	-18
QA			
John Drake	160	126	-34
Total	982	928	-54

September Plan

- 16.10
 - Support issues for 16.10 per core WG triage
 - Security 2.0 bindings
 - IPv6 Support
 - Bindings parity and enhancements
- AJATS
 - Continue updating for bringing back to operation, parallel setup for development in Affinegy and production at OSU



September Funded Core Resource Plan

- Development staff – Jorge and George hours reflect return to part time level
- Adding new full time iOS developer starting mid-month, details will follow for next month's report
- Total planned staff hours 1056 for September, which is about 12% down from full budget due to some staff vacations.

	<u>Hours</u>
Art Lancaster	10
Josh Spain	106
Paul Sigurdson	200
Krystian Zlomek	200
Jorge Martinez Hernandez	75
George Tang	75
Karol Matuszkiewicz	120
iOS Developer (new)	120
John Drake	160
Developer Total	906
QA/Test Total	150
Totals	1056



Thank you

Follow us on  

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