Technical Steering Meeting

August 8, 2016

Reminder:

This call is being recorded

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Agenda

1. Approve minutes from previous meeting

2. Two Bulls Developer Update

3. Core Update

4. Affinegy Developer Update

Two Bulls AllSeen funded developers

- July Progress Report and August Plan

Resourcing

- Aaron Vernon (Project Manager) **~15%**

- Daniel Stroud (Software Architect) **~15%**

- Nathaniel Garbutt (Lead Software Engineer) **100%**

- James Lee (Software Engineer) **80%**

- Jayden Ivanovic (Software Engineer) **100%**

- Cameron Harvey (Software Engineer) **100%**

- Brian Hollister (Software Engineer) **100%**

- Anthony Shipman (Software Engineer) now **100%** (trained up for part of the month)

- Brett Rogers (Technical QA) **100%**

June Actuals

	Total Days
Product Owner	
Aaron Vernon	2.5
	2.5
Developers	
Anthony Shipman	13
Brian Hollister	19
Cameron Harvey	19
Daniel Stroud	3
Jarrod Moldrich	1
Jayden Ivanovic	12.5
James Lee	14
Nathaniel Garbutt	15
	96.5
QA	
Brett Rogers	20.5
	20.5
	119.5

July - Summary of work

- Completed interfaces for Light, Switch and Lock and submitted to IRB

- Code generation is happening in parallel with IRB specs and progressing well

- Local CI is complete and manual testing is currently occurring as regression for the current HAE

- Progressed design of Common Controller

July 2016 - Jira Issues update

- **205 issues** are new

- **23 issues** are in progress

- **63 issues** have been resolved

- There are currently **198 open issues** (created the majority of the tickets required for 16.10)
  - We will need to migrate tickets to Common Device Models once the repo is renamed and we start working out of it

August 2016 - Plan

- Aiming to push and have all the remaining device interfaces specced out submitted to the IRB by the end of August
  - Door Sensor, Window Sensor, Smart Plug, Speaker, Water Sensor, Smoke Detector, Motion Sensor

- Finish code generation for C++, C and Java with Objective-C being a stretch goal

- Begin automated integration testing by the end of the month

- Finish design and planning for the aspects of Common Controller we will deliver in 16.10

- Discuss and action integration plans with HAE - they need to get 16.04 out and we need to all starting working on the same codebase

Core Update

Marcello Lioy

Core Update

- 16.04a released – re-instated iOS support

- On track for 16.10
  - [16.10 Release Plan](#) available
  - Themes and Priorities
    - Official Security 2.0 Release
    - Support for dependent services (Common Frameworks, HAE, Gateway)
    - Parity across OS and language bindings
    - Basic IPv6 Support
      - UDP support only, no TCP support
      - IPv6 over ethernet, WiFi
      - TCL and SCL to support sessions between routing nodes

Milestone	Date	Details
Freeze Existing Security API	2016/08/01	Developer API fixed
Feature Freeze	2016/09/15	branch cut, release testing starts
Code Freeze	2016/10/19	No changes – last test pass (verifying fixed bugs)
QA Complete	2016/10/26	
Alliance Release	2016/10/27	

Affinegy Core Funded Project Team

July 2016 Development Report and August Plan

Art Lancaster, Affinegy

July Results Report

- AllJoyn Core 16.04a
  - Release completed July 31 as was planned. Thanks to Jorge and Josh (Affinegy) and Kris at OSU for the great work!
  - Includes bring iOS support for AllJoyn back as a fully support platform

- AllJoyn Core 16.10
  - Issues with UDP stability are being addressed

- AJATS completed assessment and work started to bring back into operation

- Worked on and Resolved
  - 40 resolved/closed
    - ASACORE – 2121, 2294, 2459, 2744, 2748, 2772, 2906, 2924, 2965, 3024, 3032, 3038, 3042, 3054, 3059, 3070, 3073, 3074, 3075, 3083, 3084, 3088, 3089, 3090, 3091, 3105, 3106, 3111, 3113, 3115, 3125, 3126, 3127, 3128, 3130, 3131, 3132, 3143, 3145, 3146

- Worked on but still open
  - 14 investigated/worked on but remain open
    - ASACORE – 2632, 2909, 2931, 2932, 2944, 2946, 3021, 3055, 3087, 3107, 3114, 3122, 3149, 3150

July Report

- July actual staffing total hours 1008.5

- July actual staffing very close again, with a small variance 6.7% above planned hours. This is still under cumulative budget year to date.

Actual vs. Plan	Plan	Actual	Difference
Month of July	Hours	Hours	Actual - Plan
Development/Mgmt			
Art Lancaster	16	2	-14
Josh Spain	68	84	16
Paul Sigurdson	30	59	29
Andrey Krokhin	152	152	0
Krystian Zlomek	80	100	20
Jorge Martinez Hernandez	152	160	8
George Tang	152	152	0
Karol Matuszkiewicz	88	89	1
Kishore Kolli	136	136	0
QA			
Jes Golka	72	62.5	-9.5
John Drake	0	12	12
Total	946	1008.5	62.5

August Plan

- 16.10
  - Security 2.0 bindings
  - IPv6 Support
  - Bindings parity and enhancements
  - Complete other Working Group requests

- IPv6 Support
  - Continue pushing IPv6 implementation to the finish line
  - Resolve issues with UDP stability so that TCP IPv6 implementation is not needed

- 16.04 Documentation test pass
  - Address any issues that are found during testing

- AJATS
  - Beginning work to bring this back into normal operation

- OpenWrt
  - Insure OpenWrt feeds are up to date for 16.04

August Funded Core Resource Plan

- John Drake added to team for QA/Test role, replacing Jes Golka

- Development staff – assigned near full dedicated loading for the assigned team (except Art).

- Now 8 total staff assigned down from 10.

- Total planned staff hours 982 for August, which is slightly above full budgeted loading (plus 2%)

	Hours
Art Lancaster	8
Josh Spain	152
Paul Sigurdson	112
Krystian Zlomek	128
Jorge Martinez Hernandez	135
George Tang	135
Karol Matuszkiewicz	152
John Drake	160
Developer Total	822
QA/Test Total	160
Totals	**982**

Thank you

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