ALLSEEN ALLIANCE

Technical Steering Meeting

October 10, 2016

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Agenda

1. Approve minutes from previous meeting

2. Vote to approve CDM 16.04 and CDM interfaces

3. Common Frameworks Base Services 16.10 plan

4. GWAgent 16.10 plan

Votes

Votes

- **Vote to ratify the CDM interfaces**
  - **Common Device Models (formerly Home Appliances and Entertainment) interfaces cover standardized data models for a wide range of household electronics (thermostats, air conditioners, ovens, etc.)**
  - **Interfaces have been approved by the IRB, need formal ratification by the TSC**
  - **Mail sent a week ago to TSC**
- **Vote to approve CDM 16.04 release**
  - **Send Release notes Thursday evening PDT**
    - https://git.allseenalliance.org/cgit/cdm.git/tree/cpp/docs/ReleaseNotes.txt?h=v16.04
    - https://git.allseenalliance.org/cgit/cdm_tcl.git/tree/docs/ReleaseNotes.txt?h=v16.04

Common Frameworks Base Services

- 16.10 release plan

Introduction

- After a massive 16.04 release, the 16.10 release for Base Services is predominantly a bug fixing and maintenance release

- The Two Bulls team is mostly focussed on CDM 16.10

Supported Platforms

- OpenWRT CC

- Android 4.3+

- iOS 8+

- Windows 10

These are the platforms we will test on but more platforms may work.

Supported Languages

- C

- C++

- Java (Android only)

- Objective-C (iOS only)

Roles

- Development Lead - Nathaniel Garbutt

- QA Lead - Brett Rogers

16.10 Base Services milestones

- **19 October 2016**: 16.10 Base Services Feature Freeze

- **2 November 2016**: 16.10 Base Services Code Freeze

- **22 November 2016**: 16.10 Base Services QA complete

- **23 November 2016**: 16.10 Base Services Release

16.10 Base Services release plan

- 16.10 Core
  - Ensure that Base Services builds and runs with 16.10 Core

- Security 2.0
  - Ensure it is integrated into samples and tests

- Onboarding
  - Investigate reliability issues
  - Fix some interoperability issues between samples on different platforms
  - Include Claiming as part of Onboarding (Stretch)

- Certification
  - Update C&C criteria

16.10 Base Services bug fixing

- **There are 41 open issues with P3 or above**
  - 15 deprecation tasks
  - 13 important bug fixes or tasks
  - 13 nice to have bug fixes (Stretch)

Gateway Agent Project Update

October 10, 2016
Art Lancaster (Affinegy)

Gateway Agent Project – Status Update

- News since last update to TSC on August 29, 2016
  - Release completed for Gateway Agent v15.04 at the end of August – is RB15.04 at https://git.allseenalliance.org/cgit/gateway/gwagent.git/
  - Gateway Agent v16.04 release delayed from end of September to November
    - Affinegy's main AllJoyn resources have been on the AllJoyn core for 16.10 and also supporting XMPPConnector for version 16.04 for a customer project

- What's new in v15.04 release
  - Now includes a full AllJoyn routing node and daemon. Becomes the only AllJoyn routing node needed in the device.
  - Bug fixes and updated to core and base services 15.04, is backwards compatible with 14.12

- What's new in v16.04
  - Updated to core and base services 16.04 and OpenWRT feeds updated
    - For v16.04 build instructions with OpenWRT feeds see additional documentation at https://bitbucket.org/affinegy/gwagent_openwrt_feed
  - In addition to normal QA testing, is receiving real world usage in a customer project including with XMPP Connector and Affinegy's CHARIOT cloud services. Working very well, including remote events and actions support. (more on XMPP Connector project in a future TSC meeting)

Gateway Agent Project – v16.10 plan

- Release Plan for Gateway Agent v16.10
  - In development – release planned for February 2017
  - What's new
    - Support for AllJoyn core 16.10 and Security 2.0 for the Gateway Agent management interfaces
    - Adds the Package Manager for AllJoyn.JS
      - The package manager will support installing, managing and removing any AllJoyn.JS Javascript application – general applications, or Gateway Agent JS connectors
      - Provides a standard way to install AllJoyn.JS applications to devices in the field
  - Status
    - Package manager code is functionally complete, but has not been tested with latest version of Gateway Agent
    - Changes to support for Security 2.0 have been assessed but work not yet started until after the AllJoyn core 16.10 release.

Thank you

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