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Technical Steering Meeting

November 30, 2015

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Reminder:
**This call is being
recorded**



Agenda

1. Approve minutes from previous meeting
2. Common Frameworks - base services release
3. Developer Tools – code generator release
4. Status update on test outsourcing to OSU
5. Testing Gaps



15.09 Base Services Release

Base services 15.09 is ready

- Base Services 15.09 artifacts are now available (<https://allseenalliance.org/framework/download>).
- Release page is at: https://wiki.allseenalliance.org/baseservices/base_services_15.09_release_review
- Base Services 15.09 builds are at https://build.allseenalliance.org/baseservices/view/BaseV15.09_CoreV15.09a/
- branches ([base-RB15.09](#), [base_tcl-RB15.09](#))
- tags ([base-v15.09](#); [base_tcl-v15.09](#))

What is in the 15.09 release

| Platform | Config | | Control Panel | | Notifications | | Onboarding | | | Time |
|----------|--------|---------|---------------|------------|---------------|----------|------------|-----------|-------------|------|
| | Client | Service | Controller | Controllee | Consumer | Producer | Onboarder | Onboardee | Manager SDK | |
| Linux SC | ✓ | ✓ | ✗ | ✗ | ✓ | ✓ | ! | N/A | N/A | ✗ |
| OpenWRT | N/A | ✗ | N/A | ✗ | ✗ | ✗ | N/A | ✗ | N/A | ✗ |
| Linux TC | N/A | ✓ | N/A | ✗ | ✓ | ✓ | N/A | ✗ | N/A | ✗ |
| Android | ✓ | N/A | ✗ | N/A | ✓ | ✓ | ! | N/A | ! | ✗ |
| iOS | ✗ | ✗ | ✗ | N/A | ✗ | ✗ | ✗ | N/A | N/A | ✗ |
| Windows7 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | N/A | N/A | ✗ |

✓ Tested and part of the release

! Builds but not fully tested

✗ Not supported

Common Frameworks WG request TSC vote

- Assuming approval the 30 day CBI review clock will start following notification to board by TSC chair
- Motion: to approve the 15.09 release of base services



15.09 Code Generator Release

Code Generator

- v15.09 released today, November 30th 2015
- Changes from v15.04
 - Support for core v15.09
 - Uses new Thin Library code layout and build flags
 - DDAPI support removed – final DDAPI release was v15.04
 - Minor bug fixes
- Details
 - https://wiki.allseenalliance.org/devtools/code_generator



Status update on test outsourcing

Update on OSU Integration

- Contract status
 - Two contracts (i.e. AJATS, Release Testing) awarded to OSU in September
 - Final contract details negotiated and contracts signed in late October
- AJATS
 - All equipment acquired
 - Test system setup and running twice per day
 - Operational, except for:
 - IOS – delayed due to need to update AllJoyn to use Xcode 7 and IOS 9
 - Still trying to resolve false-positive tests of authentication on Windows
 - Subscribed mailing list setup for members interested in receiving AJATS test results

Update on OSU Integration

- Release Testing
 - All equipment acquired
 - QCE test team completed ~12 hours of test training with the OSU team
 - Training covered all test plans, except:
 - IOS
 - B/W compatibility
- Other
 - OSU team has setup accounts with the AllSeen Alliance and has access to Jira
 - OSU team has admin privileges with TestLink
 - OSU team is attending CWG meetings and Jira triage meetings



Gaps in test tasking

Review of OSU Test Responsibilities

- AJATS
 - Host the system, i.e., provide
 - Physical space and security
 - Network access
 - Physical intervention, e.g.,
 - Power cycle equipment
 - Replace a component with another component
 - Update the installed OS, or other software, on a device
 - OSU will NOT:
 - Monitor AJATS status
 - Diagnose failures
 - Document bugs
 - Determine design changes

Review of OSU Test Responsibilities

- Release Testing
 - Execute test plans and test cases specified by the Alliance in TestLink
 - Document test case failures (i.e. bugs) in Jira
 - Participate in Jira triage meetings
- OSU will NOT:
 - Determine test schedules
 - Determine when tests should be repeated
 - Diagnose bugs
 - Conduct new feature testing
 - Update test cases and test plans as AllJoyn evolves

Gap in Test Tasking

- The tasks described below have the following characteristics
 - Previously, but no longer, done by the QCE test team
 - Not assigned to OSU
 - Should be done by the AllSeen Alliance / Linux Foundation
- Tasks
 - OSU management, scheduling, and facilitation
 - Assessing test team readiness prior to a new release cycle
 - Setting schedules and milestones and monitoring progress
 - Syncing the test team with Alliance expectations regarding OS version, component version, and platform types and versions tested
 - Communicating changes in test strategy
 - Directing the repetition of some or all of regression testing
 - Communicating changes in the implementation that effect test results
 - Dealing with unexpected test results or with unexpected test application behavior

Gap in Test Tasking

- Tasks (cont.)
 - Release branch QV+1 (currently under consideration by CWG)
 - Arbitration of commits
 - Determination of which commits meet the criteria to be pushed to the release branch
 - Determination of which commits and associated Jira tickets require additional testing
 - Bug fix verification, as necessary
 - AJATS daily monitoring and bug documentation
 - No point in having the system if it is not monitored
 - AJATS maintenance
 - Add / deprecate functionality
 - Update system when required, due to changes in AllJoyn
 - Test case maintenance
 - Add / deprecate test cases
 - Select feature test cases to move to regression testing
 - Assess cost impact for ASA



Thank You

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