



**ALLSEEN
ALLIANCE**

Core Working Group

November 05, 2015

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recorded**

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Agenda

1. Patch release status
2. Status of security
3. Review Action Items
4. Post Mortem action items



Patch Release Status

Patch release status

- No issues forcing a release
- Many items identified for release
- Proposal: 15.09a patch release on Nov 19
 - SC and TC
 - Addition of Sec 2.0 items to be discussed in next section
 - LF staff would be in company all hands that week
 - LF and MSFT request Nov 12



Security Status

Security Status

- Tickets
 - Rolled into our standard triage
- Status of unit tests
 - SC complete
 - TC complete
- Proposal
 - Merging Sec 2.0 into release branch
 - MSFT does not see a need for these fixes in the patch release
 - QEO will verify but current belief is that these are not required for the patch release
 - Collective thought is that adding these tickets require a full test pass for the patch release
 - Only specific unit tests that we have high confidence will be merged, the remainder of fixes and tests will not be added to 15.09a



Action Items

Action Items

- QA +1
 - David (QCE) to talk to LF about 3rd party assuming this role
 - David (QCE) to determine status of test subcommittee
 - Potential that this should be accomplished by the test subcommittee
- Proposal to outline the process for changing APIs
 - Gavin (MSFT) will craft proposal for review by Core WG and then presented to TSC
 - Status update next week.
- Arvind (MSFT) to create Wiki process page linked off of Core WG wiki
 - Remove references to java from mandatory binding list for 16.04 timeframe
 - Will be done mid November



Post Mortem Action Items

Post Mortem Action Items

- Ry (LF): Need to have Alliance running Windows 10 when RTM'd
- Check readme files as part of the release procedure
 - Core WG needs to decide who will own the specific readme files
 - Need to partition them out by platform
 - Marcello (QCE) will do an inventory to determine how to partition them out
- Set a project milestone to begin integration branch merges
- Add a way in JIRA to track compatibility issues and proposals
- Define process for handling “Technical Debt”
 - Example: Took a shortcut to make a release and not loosing track of this to fix the shortcut
- Track feature branches and add more spacing between feature branch merges
- Define process to require regression/unit tests for bugs

Discussion

- ...



Thank You

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QA +1

QA +1

- Purpose:
 - Verify the fix before it gets merged
 - An extra QA gate on release branch commits
- Option
 - Alliance (3rd party test) assume this role
 - No QA gate and rely on reviewers and/or the one who filed the ticket to verify
- Next steps
 - David (QCE) to talk to LF about 3rd party assuming this role
 - David (QCE) to determine status of test subcommittee
 - Potential that this should be accomplished by the test subcommittee

15.09 Platforms – Release Testing

- AllJoyn Standard Library:
 - Full regression test
 - QCE
 - Linux Ubuntu 14.04 LTS (64 bit)
 - Android Lollipop 5.0 (ARM)
 - OpenWRT Barrier Breaker (BB) branch
 - MSFT
 - Windows 10
 - Smoke test
 - QCE
 - Android JellyBean 4.1 (ARM)
 - Android KitKat 4.4 (ARM)
 - OpenWRT Chaos Calmer (CC) branch
- AllJoyn Thin Library:
 - Full regression test
 - QCE
 - Linux Ubuntu 14.04 LTS (64 bit)

15.09 SDKs

| Included | |
|------------------------------|---------------------------------|
| SDK | Toolchain Used |
| alljoyn-15.09.00-src.tar.gz | N/a - source |
| ajtc1-15.09.00-src.tar.gz | N/a - source |
| Core SDK - release (android) | Android NDK r10e, Oracle Java 7 |
| Core SDK - debug (android) | Android NDK r10e, Oracle Java 7 |

| Not Included | |
|--|--|
| SDK | Toolchain Used |
| Core SDK (osx/ios) | Unless a contributor is able to perform the platform tests then these binaries will not be distributed. Note: We will keep building it and include the OSX and iOS builds in the verification paths |
| Windows SDK (64-bit) (VS2012) | Visual Studio 2012, Oracle Java 7 (assumes contributor performs regression testing) |
| Windows SDK (32-bit) (VS2012) | Visual Studio 2012, Oracle Java 7 (assumes contributor performs regression testing) |
| Windows SDK (64-bit) (VS2013) | Visual Studio 2013, Oracle Java 7 (assumes contributor performs regression testing) |
| Windows SDK (32-bit) (VS2013) | Visual Studio 2013, Oracle Java 7 (assumes contributor performs regression testing) |
| Windows Thin Core SDK (zip file with source and stand alone router executable) | Visual Studio 2013 (assumes contributor verifies this works) |

Backup: Supported bindings

- Existing bindings in Core
 - C++
 - Obj-C
 - Java
 - C
 - Javascript NPAPI

Language bindings discussion 5/7/15

- Need a formal policy to support language bindings
 - Came up at last TSC F2F
- SCL binding proposal
 - Required
 - C++ and C
 - Optional
 - Java, NPAPI, ObjC?
- TCL binding proposal
 - No proposal
 - Should we consider JavaScript?
- Need separate policy for platforms
 - May need to consider binding platform and language binding
- Next steps
 - Action: Marcello (QCE) to send proposal to the mail list



Notes from 14.12

Post Mortem

14.12 Post Mortem Improvement Items (1/3)

- Aligning date & the end game (lockdown) schedule of AllJoyn releases with release schedule of the contributing member companies if it happens to be in close proximity of AllJoyn release
 - **Action:** Arvind to send proposal to Core WG mail list
- Consistent and enforced definition/bar for code freeze
 - Need crisp definitions for "incremental bug bars" (normal, tell, ask)
 - Need approval granularity (approval on merge)
 - Need process for how to deal with large last-minute changes
 - Suggestion – only high priority issues “ask” are added one week before release
 - **Action:**
 - Marcello to send current milestone definition to Core WG mail list
 - Gavin to send proposal to Core WG mail list based on Marcello’s email
- Need processes for breaking changes
 - Regarding protocol, API syntax, behavior
 - Mitigation: Proposed changes should be advertised
 - **Action:** Chris to add the process to this to the existing process draft

14.12 Post Mortem Improvement Items (2/3)

- Need agenda and slides 48 hours ahead of core WG meetings
 - Best effort to send slides by COB Friday
- Need notes from core WG meetings sent more consistently
 - Note: Linux foundation unable to assist
 - **Action:** Gavin to see if someone from Microsoft can assist
- For TSC: PR coordination for releases
 - More an issue for marketing committee
 - **Action:** Chris to discuss this with Philip
- Engage system test during feature testing
 - More members conducting system test is preferred
- Testing needs to be better distributed across members
- E2E testing is needed
 - **Action:** David and Arvind will make a proposal
- More frequently merge feature branches so that deltas can be kept to a reasonable minimum
 - **Action:** Chris to add process to the Wiki process draft

14.12 Post Mortem Improvement Items (3/3)

- May need more frequent but shorter Core WG meetings
 - WG meeting immediately following triage meeting for 30 minutes
 - **Action:** Chris to change Core WG status meetings to 30 minutes after the Thursday triage
- Increase frequency of triage meetings earlier in the process
 - **Action:** Chris to set up biweekly triage 2 weeks prior to branch date
 - For 15.04 it will begin week of March 9
- Define JIRA severity vs. priority process
 - **Action:** David & Arvind to set up discussions to craft proposal
- To be discussed at next meeting
 - JIRA label to identify contributing organization taking ownership of the item
 - Need process for managing the platform matrix
 - Revisit code style guidelines, rules, and enforcement

Features

- Major features (Committed for the release)
 - AJCORE-1393 Security 2.0 (MSFT, QEO, QCE)
 - AJCORE-1686 Commercialize UDP Transport for TC <-> RN connections (QCE)
- Full list of features
 - <https://jira.allseenalliance.org/issues/?filter=11411>