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# **Core Working Group**

**May 28, 2015**

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# Agenda

1. 15.04a Decision
2. 15.08 Features
3. Configuration identification
4. Supported bindings
5. Samples Proposal
6. Review Action Items

# 15.04a Decision

- During triage we will review 15.04a status
- Decision to ship will be made at that time

# 15.08 Features

- Need to firm on feature list from all contributors
  - <https://jira.allseenalliance.org/issues/?filter=11008>
  - Current committed features
    - Security 2.0 (MSFT, QEO, QCE)
      - <https://jira.allseenalliance.org/browse/ASACORE-1393>
    - Commercialize UDP Transport for TC <-> RN connections (QCE)
      - <https://jira.allseenalliance.org/browse/ASACORE-1686>
  - Need status regarding ASACORE-1430 for 15.08
    - Packet header encryption: <https://jira.allseenalliance.org/browse/ASACORE-1430>
- We will be closing on the feature list by June 4 and communicating to the TSC the following week
  - Open items are 1430 and 1166
- Need to firm on supported platforms
  - Dino (MSFT) asks to add VS 2015 for 15.08

# Configuration identification

- Tactical for 15.08
  - Need to identify the following
    - List of SDKs released: i.e. supported platforms
    - Contents of individual SDKs
- Strategic
  - Need process to identify the following
    - List of SDKs released
    - Contents of individual SDKs
    - Changes
      - SDKs
      - Platform support
  - Potential to leverage a manifest file?
- Next steps
  - Tactical (15.08): On hold until after platform support is firmed (6/4)
  - Strategic: First step: Chris (QCE) to create JIRA task to define a manifest and add a check to identify delta

# Supported bindings

- Discuss policy for supported bindings
- Existing bindings in Core
  - C++
  - Obj-C
  - Java
  - C
  - Javascript NPAPI



# Samples Proposal

- Current samples are inconsistent and not using best practices
- Proposal
  - Leverage Gavin's toaster sample
  - Remove the old samples

# Action Items (1/2)

- Chris (QCE) to schedule
  - 15.08 backlog part 2 – 1pm PT 5/28
  - 15.04 post mortem – 1pm PT 6/8
- David (QCE) to lead team crafting testing proposals
  - Board approved budget
  - Charters crafted for RFP committee and test policy committee and sent to mail list for review
- Marcello (QCE) to send IOS language binding proposal to WG mail list
  - Agreement is to stop supporting the language binding
  - Todd to see if Vlad wishes to take ownership of this binding
  - Next step: Inform TSC
- Changing Windows to TCP/9955
  - Dan (MSFT) will send mail to Core WG, discuss, and TSC mail list about this change going into 15.04a
    - Dan (MSFT) to add to compatibility list for 15.08
  - Marcello (QCE) will add this to the release notes.

# Action Items (2/2)

- Proposal to outline the process for changing APIs
  - Gavin (MSFT) will craft proposal for review by Core WG and then presented to TSC
  - Will review document by 6/11
- Dan (MSFT) to submit proposal to Core WG mail list about possible deprecation of `ajn::BusAttachment::Connect(connectspec)` overload
  - Most likely for future release
  - Dan (MSFT) to create JIRA ticket
- Dino (MSFT) to understand the ecosystem (LIFX) and impact before making proposal about SRP deprecation request



# Thank You

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# 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