ALLSEEN ALLIANCE

Core Working Group

February 19, 2015

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Agenda

1. 15.04 and security 2.0 discussion

2. Publishing test cases

3. Schema file discussion

4. Moved to discuss next week
   - Test Proposal
     - David & Arvind
   - 14.12 Post Mortem improvement items
     - Review status of open action items
   - Clean up samples discussion
   - Transport mask discussion

15.04 and security 2.0 discussion

- Update on latest discussions within the security project team regarding security 2.0

Publishing test cases

- Planning to deploy an open source test management tool called "TestLink"
  - Support for test cases, test plans, results, versioning, etc.
  - Support for defining groups, roles, and permissions

- Linux Foundation will deploy in the coming weeks, then we'll start migrating test cases

- WG will need to define processes for granting access, adding/removing/modifying test cases, etc.

TransportMask-Related Changes (1/2)

- Many TransportMask bits are obsolete
  - We should deprecate currently unused bits
    - Doing this cchedules the bits for removal in a future release

- All deprecated and unused bits become reserved

- TRANSPORT_ANY becomes affirmatively set
  - Transport mask bits default to ZERO instead of ONE.
  - Initially TRANSPORT_ANY = TRANSPORT_LOCAL | TRANSPORT_TCP | TRANSPORT_UDP

TransportMask-Related Changes (2/2)

- Define an experimental transport bit
  - TRANSPORT_EXPERIMENTAL
  - Never to be included in TRANSPORT_ANY
  - Therefore never used in normal system operation
  - Use must be by explicit addition: TRANSPORT_ANY | TRANSPORT_EXPERIMENTAL
  - Experimental transports use an alias to this bit in their experimental stage
    - const TransportMask TRANSPORT_YADDA = TRANSPORT_EXPERIMENTAL
  - System functions never use this bit
- Should we release these changes in a hypothetical 14.06b release to minimize chances of interoperability issues?

Schema file discussion

- Should the schema file be moved to a different repo?

- Which URL should be used?
  - https://www.alljoyn.org/schemas/introspect.xsd
  - https://allseenalliance.org/schemas/introspect.xsd

- Decision
  - Use the following URL: https://allseenalliance.org/schemas/introspect.xsd
  - Move schema to the core alljoyn.git repository
  - This would then be the preferred process

End-to-end test system proposal

- David prepared a draft proposal and met with Arvind on Feb 4 to discuss

- Questions:
  - What should be the scope of the proposal?
  - The proposed system is modeled on the QCE internal system as a starting point. That system provides a smoke test across supported platforms. Is that a good starting point for the Alliance system?
  - Should we also consider developing another proposal that describes the overall test strategy for the Alliance, rather than just this one piece?

- Action
  - David to take point on crafting test proposal including potential cost impact
    - Need to add this to the F2F TSC meeting in March

Action Items (1/2)

- Gavin to verify that all Microsoft features for 15.04 are listed in JIRA

- Gavin to see if someone from Microsoft can assist with notes from core WG meetings

- David & Arvind to set up discussions to craft proposal to define JIRA severity vs. priority process
  - Draft document in-process

- David & Chris to verify Windows 32 bit SDK is a must in addition to 64 bit
  - Both need to be tested equally

- David and Arvind will make a proposal for E2E testing
  - In process

Action Items (2/2)

- Chris to add process to the Wiki process draft for frequency of merging feature branches and processes for advertising proposed changes to protocol, API syntax, behavior
  - Updated: https://wiki.allseenalliance.org/core/overview/wg_process

- Chris to set up separate meeting to review Core WG process
  - Pending

- Action: Marcello to present proposal for 3rd party code contribution to the TSC for Feb 09
  - Pending updates from Linux Foundation
    - May be able to leverage existing processes

- David to take point on crafting test proposal including potential cost impact
  - Need to add this to the F2F TSC meeting in March

Clean up samples discussion

- https://jira.allseenalliance.org/browse/ASACORE-1528

- Includes
  - Using about based discovery rather than well know names cleaning up gracefully
  - Use of the transport masks

- Greg likes to point to the standard AJ "console" app in AllJoyn-JS as an example of using the current APIs:
  - https://git.allseenalliance.org/cgit/core/alljoyn-js.git/tree/console

Thank You

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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