Core Working Group

March 12, 2015

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Agenda

1. 14.12b Discussion

2. Language bindings discussion

3. Review action items

14.12b Discussion

- Release to include
  - ASACORE-1596 - BigNum::set_hex() crashes with invalid input
    - This is the aforementioned crash
  - ASACORE-1504 - Clean up transport masks
    - This will fix cross version compatibility when it comes to adding new transports in the future
  - ASACORE-1549 - ExchangeNames signal contains large number of unowned names
  - ASACORE-1576 - Some stale virtual endpoints and names may remain even after the remote routing node has exited
    - These two address an issue we have seen in long term set ups (system running for days) where the system slows down as a side effect of the list of exchanged names grows longer and longer.
    - The latter three are not security issues or crashes, however they impact either long term stability or inter-version compatibility. Given that 14.12 is going to be the first version to be a CBI I believe it is important to get these issues resolved. Note: these can be pulled up using this link.

- Other possible candidates include:
  - ASACORE-1046 - iOS: 14.12 app coming into foreground after suspension causes 1 thread with 100% cpu usage
  - ASACORE-0936 - Support for iOS 8.1

Language Bindings Discussion

- …

Action Items

- 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
  - David to send detailed proposal for JIRA ticket rankings
  - Will be presented to the Core WG

- David and Arvind will make a proposal for E2E testing
  - Preliminary document crafted and review with Arvind
  - Proposal to be discussed at TSC F2F
  - David to send draft proposal to Core WG and discuss next week.

- Chris to get Core WG to approve the process

- David to develop proposal for broader AllSeen Alliance Core test strategy
  - Need to add this to the F2F TSC meeting in March

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