PMIx Standard
Administrative Steering Committee (ASC)
4Q 2020 Meeting

Joshua Hursey (IBM) – 2019-2021

Kathryn Mohror (LLNL) – 2020-2022

https://github.com/pmix/pmix-standard
https://github.com/pmix/governance

PMIx Administrative Steering Committee (ASC)

The open governance body for the PMIx Standard with broad representation.

- Mission:
  - Define the mission of the PMIx Standard
  - Plan release timelines for versions of the PMIx Standard
  - Assemble working groups for areas of interest
  - Vote on all issues (1 vote per Member organization)
  - Vote on ASC leadership positions

- Meetings:
  - Quarterly ASC meetings to vote on items that move the PMIx Standard forward.
    - One quarter per year may be face-to-face.
  - Regular PMIx Standard teleconference to drive progress between quarterly meetings.
  - Working Group meetings to drive specific areas of interest and need.

Agenda

https://github.com/pmix/pmix-standard/wiki/ASC-Q4-2020-Meeting

- Co-Chairs
  - Ralph Castain, Intel (2018-2020) (even year)
  - Joshua Hursey, IBM (2019-2021) (odd year)
  - Kathryn Mohror, LLNL (2020-2022) (even year)

- Secretaries
  - Stephen Herbein, LLNL (2019-2021) (odd year)
  - Thomas Naughton, ORNL (2020-2022) (even year)

- Release Manager for PMIx v4
  - Ralph Castain (Intel) & Joshua Hursey (IBM)

- Release Managers for PMIx v5
  - Ken Raffenetti (ANL) & David Solt (IBM)

ASC 2021 Quarterly Meetings

- Should we stay with one full-day meeting or move to a two ½ day meeting schedule?

- Q1: Virtual meeting
  - 1 Day : Thurs., Feb. 11
  - 2 Day : Tues., Feb. 16 & Thurs., Feb. 18
- Q2: Virtual meeting
  - 1 Day : Thurs., May 6
  - 2 Day : Tues., May 11 & Thurs., May 13

- Q3: Virtual meeting (tentative)
  - 1 Day : Thurs., July 22
  - 2 Day : Tues., July 20 & Thurs., July 22
- Q4: Possible face-to-face (tentative)
  - 1 Day : Thurs., Oct. 21
  - 2 Day : Tues., Oct. 26 & Thurs., Oct. 28
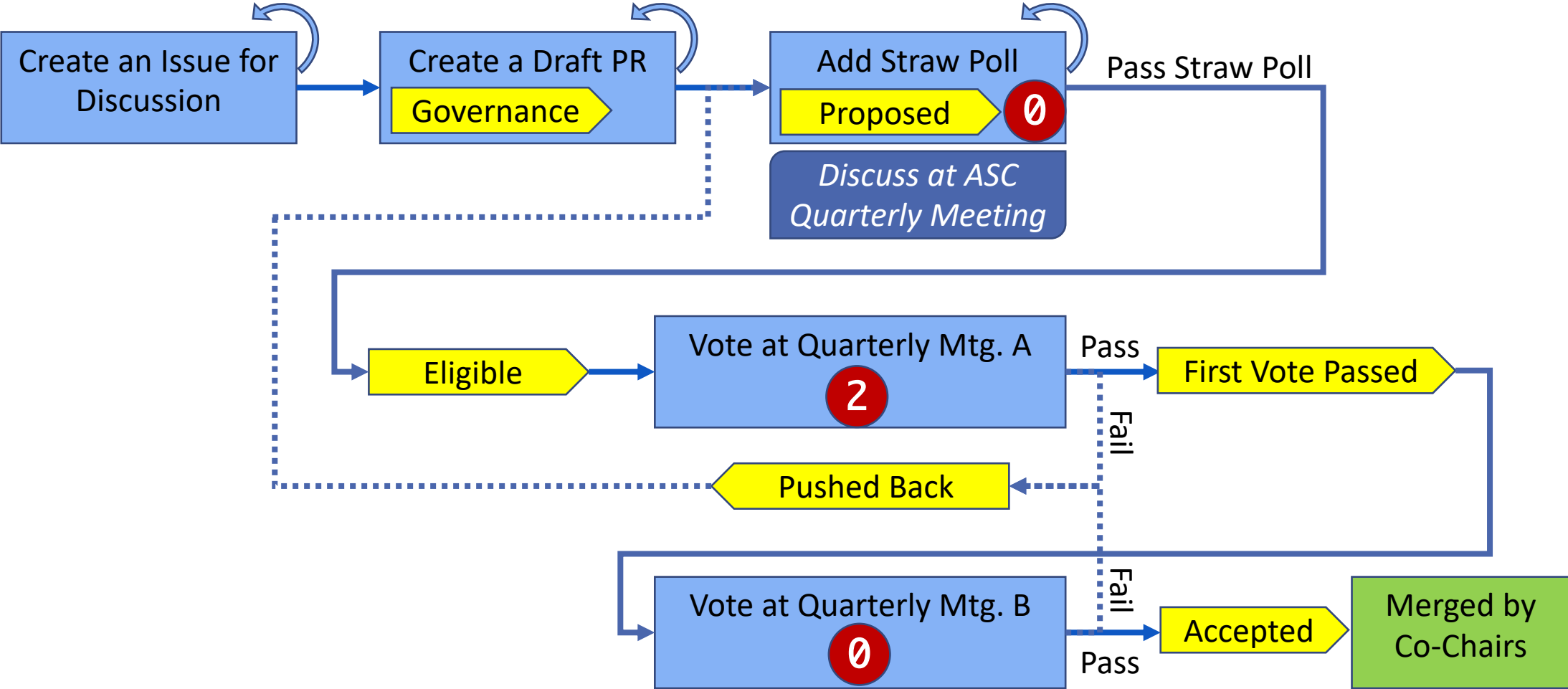
ASC Members

- Call for new ASC Members
    - **Participant**: Informal, non-voting individual
    - **Member**: Formal, voting organization or individual
        - Must attend 2 quarterly meetings in last 12 months
        - Membership status must be requested (or nominated) and voted on in a quarterly meeting.
        - Only one vote per Member organization. Must designate a Representative with voting authority.
- Roll call for attendance & voting

Election of "odd year" Co-Chair and Secretary Positions

- Co-Chair 2021-2023 - https://doodle.com/poll/xwqpybkudg4fh5ff
  - Joshua Hursey (IBM)

- Secretary 2021-2023 - https://doodle.com/poll/b4qyyteecwfy7x4z
  - Aurelien Bouteiller (UTK)
  - Jai Dayal (Intel Corporation)

Modifying the PMIx ASC Governance Document
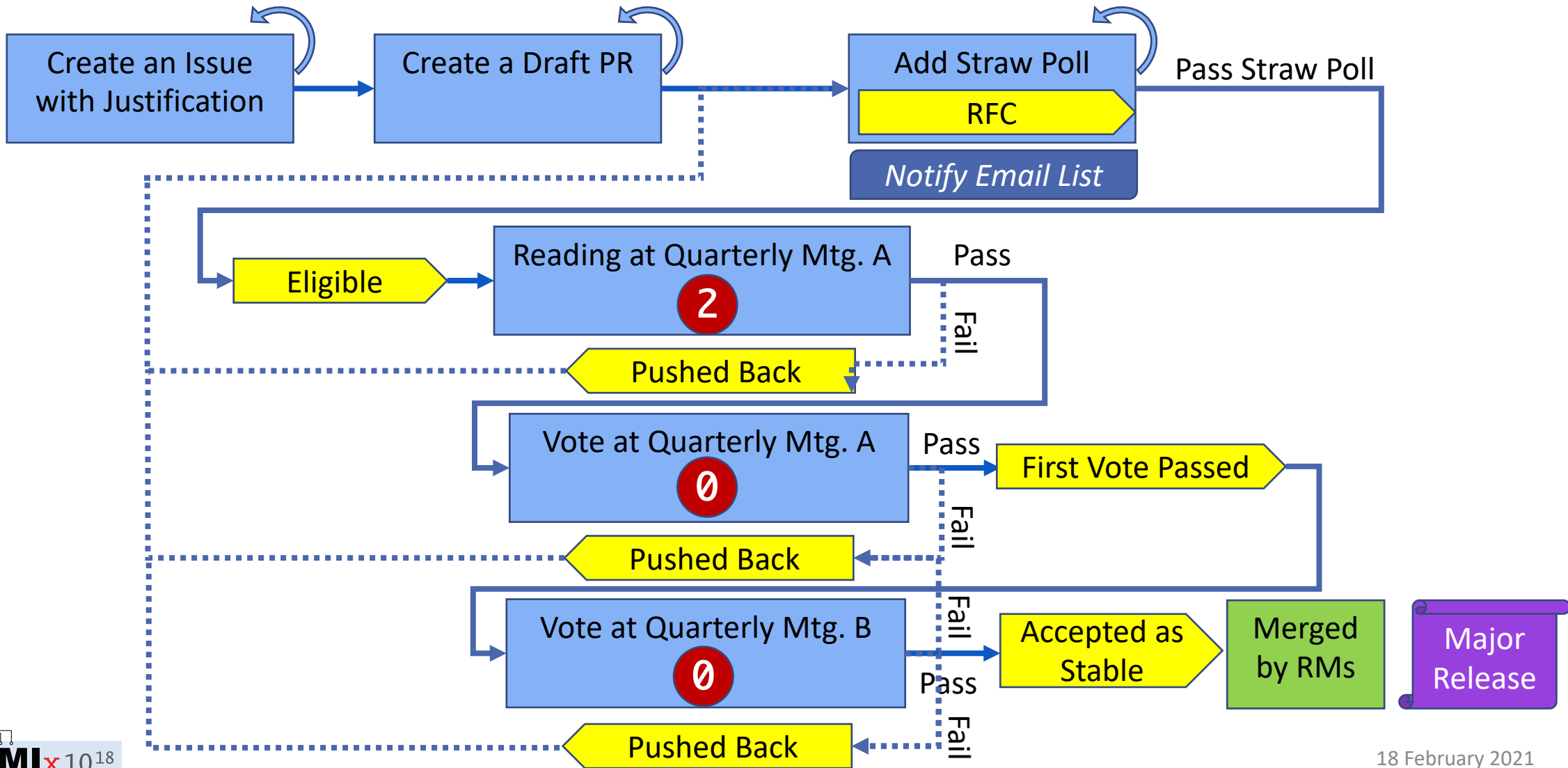## Vote in Two Consecutive Quarterly Meetings

Governance PRs for Vote

- Reading and First Vote
  - Clarification of timeline for quarterly meeting items
    - https://github.com/pmix/governance/pull/17
  - Introduce Revision Exception vote
    - https://github.com/pmix/governance/pull/18

- Voting link: https://doodle.com/poll/i9c3t53xgydpq25p
  - Yes   Green Checkbox
  - Abstain   Yellow Checkbox ("if need be")
  - No   Empty

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PMIx Standard: Suggested process for large text changes
Formal Reading then Vote in Two Consecutive Quarterly Meetings

PMIx Standard: Reading

- (Dave) Chapter 2 Modifications
  - PR: https://github.com/dsolt/pmix-standard/pull/11

<break>

Return at 1:45 pm (Central)

PMIx 3.2 Release Timeline

- **Release Timeline**: October 2020
  - Waiting on finalization of the OpenPMIx implementation.
- **Scope of expected changes**:
  - Fix PMIx_Allocation_request function signature
  - Rename PMIX_ALLOC_ID to PMIX_ALLOC_REQ_ID
  - Add a new PMIX_ALLOC_ID
  - Update PMIx_generate_regex / PMIx_generate_ppn descriptions
  - Add PMIX_REGEX data type

PMIx 4.0 Release Timeline

- **Release Timeline**: October 2020
  - Finishing revisions on the Fabrics interfaces
- **Scope of expected changes**:
  - Attribute queries
  - Process groups/sets
  - Network coordinates/topology
  - Extended tool/debugger support
  - Scheduler access to network fabric information
  - Python bindings

Announce Voting Results

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Election of "odd year" Co-Chair and Secretary Positions

- Co-Chair 2021-2023 - https://doodle.com/poll/xwqpybkudg4fh5ff
  - **Joshua Hursey (IBM)**   **10**

- Secretary 2021-2023 - https://doodle.com/poll/b4qyyteecwfy7x4z
  - **Aurelien Bouteiller (UTK)**   **7**
  - Jai Dayal (Intel Corporation)   3

- No abstains were submitted by any ASC member.

PMIx Standard: Reading

- (Shane) Query Support
  - PR: https://github.com/pmix/pmix-standard/pull/280
  - Issue: https://github.com/pmix/pmix-standard/issues/277

Plenary Sessions

- (Stephen) Integration of Use Cases

Working Group Updates

- **Client Separation / Implementation Agnostic Document**
  - David Solt (IBM)

- **Slicing/Grouping of Functionality**
  - Stephen Herbein (LLNL)

- **Dynamic Workflows**
  - Jai Dayal (Intel)

- **Storage**
  - Shane Snyder (Argonne Nat. Lab.)

Open Call for New Working Groups

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Open Discussion

Thank you for participating today!

Next ASC Monthly Teleconf:
Thurs., Nov. 12, 2020

Next ASC Quarterly Meeting:
Tues., Feb. 16 & Thurs., Feb. 18