Voting Summary and Problematic Tickets

MPI Forum Meeting, June 8-10, 2009, Menlo Park, CA, USA

Summary

- Removed QLogic's "miss" from all votes
- 17 voting orgs present
- 5 voting-eligible orgs not present
- 2 non-voting orgs present
- MPI 2.2
  - 45 1st votes
  - 28 2nd votes
- NBC voted into MPI 3

"Troublesome" tickets

▸ Definition

  ▸ Had more than 1 "no" vote, <u>and/or</u>

  ▸ Had more than 1 "abstain"

  ▸ "Miss" (meaning that someone was out of the room during the vote) not counted

▸ One MPI-2.2 2nd vote was troublesome (!)

▸ Eleven 1st votes were troublesome

#7: Function ptr typedef names

- Passed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/7
- Yes: 11
- No: 1
- Abstain: 4
- Miss: 1
- Missing implementation; waived; needs to be done

#18: New Pre-defined Datatypes

- Passed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/18
- Yes: 12
- No: 1
- Abstain: 3
- Miss: 1

▶

#24: Local reduction

- Passed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/24
- Yes: 11
- No: 1
- Abstain: 4
- Miss: 1

#27: Non-vector reduce scatter

- Passed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/27
- Yes: 13
- No: 0
- Abstain: 2
- Miss: 2

#33: Scalability of graph topo

- Passed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/33
- Yes: 9
- No: 3
- Abstain: 5
- Miss: 0
- This ticket is quite concerning; should be resolved before 2nd vote

#37: Clarify semantics of one-sided semantics when changing synchronization mode

▸ Passed 1st vote

  ▸ https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/37

▸ Yes: 14

▸ No: 0

▸ Abstain: 2

▸ Miss: 1

▸ Probably not an issue, but still fits the definiition

▹

#65: Predefined handles before MPI_Init and constants in general, Clarification Solution 1

▸ **Passed 1st vote**
  ▸ https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/65

▸ Yes: 14

▸ No: 0

▸ Abstain: 3

▸ Missed: 0

#72: MPI_CART_SHIFT_VECTOR

- Failed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/72
- Yes: 0
- No: 12
- Abstain: 4
- Miss: 0

#89: Philosophical difference with current classification of barriers

- **Passed 2nd vote**
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/89
- Yes: 10
- No: 2
- Abstain: 4
- Missed: 1
- Passed 2nd vote with too many abstains ☹
  - Yes: 10, Other: 7 → bad

#94: Add MPI_IN_PLACE option to Exscan

- Passed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/94
- Yes: 13
- No: 0
- Abstain: 3
- Missed: 1

#127: Add C++ versions of Fortran COMPLEX8 etc.

▸ Passed 1st vote

  ▸ https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/127

▸ Yes: 13

▸ No: 0

▸ Abstain: 3

▸ Missed: 1

#151: MPI constants

- Failed 1st vote
  - https://svn.mpi-forum.org/trac/mpi-forum-web/ticket/151
- Yes: 0
- No: 12
- Abstain: 5
- Miss: 0
- Had ABI issues anyway – moved to MPI 3