

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, and/or
- ▶ 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 definition



#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

