MPI Forum Discussions

MPI 3.1 Chapter Committees

December 2014

Role of Chapter Committees

- Chapter committees responsible for integration
  - Discuss/propose/handle errata items
    - Organization of reviews of the text (holistic for the chapter)
  - Integration of ticket 0 items (not going through plenaries as ind. votes)
  - Integration of all tickets (errata and regular tickets)
    - Update of text
    - Mark on ticket (incl. comment on the ticket)
  - Use of ticket system:
    - Erratas through ticket system so we can track them
    - Tickets may just be used at the end once PDFs exist
- Tracking of differences based on SVN diffs
  - No longer through Latex macros
  - Chapter committees should be ready to present differences prior to chapter votes
  - Input solicited based on the diffs from the entire forum in time to make changes for the 2 week deadline

http://meetings.mpi-forum.org/2014-12-instructions.pdf

Chapter Committees (need at least 4!)

	Front Matter	Bill Gropp	
1	Introduction	Bill Gropp	
2	MPI Terms	Rolf Rabenseifner	Bill Gropp, Martin Schulz, Dan Holmes
3	Point to Point	Dan Holmes	Bill Gropp, Sayantan Sur, Rich Graham
4	Datatypes	George Bosilca	Jeff Hammond, Rich Graham
5	Collectives	Torsten Hoefler	George Bosilca, Purushotham Bangalore, Jeff Hammond
6	Groups, Comm.	Pavan Balaji	Bill Gropp, Sayantan Sur, Sreeram Potluri
7	Process Topologies	Torsten Hoefler	Rolf Rabenseifner, Purushotham Bangalore, Chulho Kim
8	MPI Environments	George Bosilca	Martin Schulz, Rolf Rabenseifner, Chulho Kim
9	The Info Object	Jeff Hammond	Torsten Hoefler
10	Process Creation	David Solt	Jeff Hammond, Wesley Bland, Howard Pritchard
11	One-Sided	Bill Gropp	Pavan Balaji, Torsten Hoefler, Rajeev Thakur, Sayantan Sur
12	External Interfaces	Pavan Balaji	Dries Kimpe, Jeff Hammond, Jim Dinan, Aurélien Bouteiller
13	I/O	Quincey Koziol	Mohamad Chaarawi, Rajeev Thakur, Dries Kimpe
14	Tool Support	Kathryn Mohror	Martin Schulz, Marc-Andre Hermanns
15	Deprecated Functions	Rolf Rabenseifner	
16	Removed Interfaces	Rolf Rabenseifner	
17	Language Bindings	Jeff Squyres	Jeff Hammond, Rolf Rabenseifner, Craig Rasmussen
A	Language Bind. Sum.	Rolf Rabenseifner	Jeff Hammond, Craig Rasmussen
B	Change-Log	Rolf Rabenseifner	

Suggested Process for MPI 3.1

- **Start integrating passed tickets into golden copy**
  - Has to be done by chapter committee chairs
  - Changes to be reviewed by chapter committees
  - Following http://meetings.mpi-forum.org/2014-12-instructions.pdf
  - SVN repo listed in the instruction
  - WARNING: start with current version of the golden copy (Fortran changes already in)
- **By February 2nd (4 weeks before MPI Forum)**
  - Chapter committee chairs publish draft of each chapter
    - Commit to golden copy for MPI 3.1 in the repo
    - Some kind of diff with old chapter (what ever works for the chapter)
  - To be sent to MPI forum email list
    - Full draft will be on the forum page for review
- **By February 16th (2 weeks before MPI Forum)**
  - Chapter committees collect and integrate feedback
  - Chapter committee chairs publish final chapter proposal for 3.1
- **Starting March 2nd (MPI forum meeting in Portland)**
  - Reading of all chapters (i.e., going through the diffs)
  - Votes on each chapter (?)

MPI Forum September 2015 Bordeaux

	Option 1	Option 2	Option 3	
Wednesday 9/16			MPI Forum	
Thursday 9/17			MPI Forum	
Friday 9/18			MPI Forum	
Saturday 9/19				
Sunday 9/20				
Monday 9/21		Tutorials	Tutorials	
Tuesday 9/22	Tutorials	Conference	Conference	
Wednesday 9/23	Conference	Conference	Conference	
Thursday 9/24	Conference	Conf + MPI Forum	Conference	
Friday 9/25	Conference	MPI Forum		
Saturday 9/26		MPI Forum		
Sunday 9/27				
Monday 9/28	MPI Forum			OMPcon
Tuesday 9/29	MPI Forum			OMPcon
Wednesday 9/30	MPI Forum	Picked		OMPcon