

Errata to MPI: A Message-Passing Interface Standard, Version 2.1, June 23, 2008

- On MPI-2.1 page xxi, line 25, substitute
Denis Nagomy
by
Denis Nagorny
(Discussion, see Ticket #21 in the MPI-2.2 standardization process.)
- On MPI-2.1 page xxii, line 26 reads
University of Barcelona (UAB), Dept. of Computer and Information Sciences
but should read
University of Alabama at Birmingham
(Discussion, see Ticket #67 in the MPI-2.2 standardization process.)
- Add after page xxii, line 34:
Funding for the MPI Forum meetings was partially supported by
award #CCF-0816909 from the National Science Foundation.
(Discussion, see Ticket #68 in the MPI-2.2 standardization process.)
- On pages 138-146, the page and line numbers in the printed yellow book (published by HLRS)
differ from the official standard <http://www.mpi-forum.org/docs/mpi21-report.pdf> . Citations to these
pages should be done according to the locations in the pdf file (and not in the book).
- On MPI-2.1 page 237, lines 1 and 3, and page 563, lines 18 and 20, substitute
MPI_MAX_OBJECT
by
MPI_MAX_OBJECT_NAME
On MPI-2.1 page 576 right column, line 27-28 read
MPI_MAX_OBJECT, 237, 563
MPI_MAX_OBJECT_NAME, 236
but should read
MPI_MAX_OBJECT_NAME, 236, 237, 563
(Discussion, see Ticket #49 in the MPI-2.2 standardization process.)
- On MPI-2.1 page 332, lines 16-21 read
MPI_REPLACE, like the other predefined operations, is defined only for predefined MPI
datatypes.
Rationale. The rationale for this is that, for consistency, MPI_REPLACE should have the
same limitations as the other operations. Extending it to all datatypes doesn't provide any
real benefit. (*End of rationale.*)
but should read
MPI_REPLACE is defined only for predefined MPI datatypes. MPI_REPLACE can be used
only in MPI_Accumulate, not in collective reduction operations, such as MPI_Reduce and
others.
(Discussion, see Ticket #43 in the MPI-2.2 standardization process.)
- On MPI-2.1 page 495, line 11, substitute
MPI::DOUBLE_COMPLEX
by
MPI::F_DOUBLE_COMPLEX
(Discussion, see Ticket #40 in the MPI-2.2 standardization process.)