Significant Errata Arising from the Creation of: MPI: A Message-Passing Interface Standard, Version 2.1, June 23, 2008

On MPI-2.1 page xxi, line 25, reads

Denis Nagomy

but should read

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:

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(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 line 20, read

MPI MAX OBJECT

but should read

MPI_MAX_OBJECT_NAME

On MPI-2.1 page 576 right column, lines 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 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, reads

MPI::DOUBLE COMPLEX

but should read

MPI::F DOUBLE COMPLEX

(Discussion, see Ticket #40 in the MPI-2.2 standardization process.)