Errata for MPI-3.1

This document was processed on March 10, 2016.

The known corrections to MPI-3.1 are listed in this document. All page and line numbers are for the official version of the MPI-3.1 document available from the MPI Forum home page at www.mpi-forum.org. Information on reporting mistakes in the MPI documents is also located on the MPI Forum home page.

This is a DRAFT and is not official. It may contain errata items that are currently under discussion and have not yet been voted in by the MPI Forum. Such items are marked as Pending Errata:

- Page 53, lines 24–25 reads:
  
  Any other type of request is and the request handle is set to
  MPI_REQUEST_NULL. MPI_WAIT is a non-local operation.

  but should be:

  Any other type of request is deallocated and the request handle is set to
  MPI_REQUEST_NULL. MPI_WAIT is a non-local operation.

- Page 330 lines 17–18 reads:

  ! Set process grid size and periodicity

  CALL MPI_DIMS_CREATE(comm, ndims, dims, ierr)

  but should read:

  CALL MPI_COMM_SIZE(comm, comm_size, ierr)

  ! Set process grid size and periodicity

  CALL MPI_DIMS_CREATE(comm_size, ndims, dims, ierr)

  In addition, add comm_size to the declaration on line 11:

  INTEGER comm, comm_size, comm_cart, dims(ndims), ierr

- Page 577, line 7 reads:

  if (err!=MPI_SUCCESS || err!=MPI_T_ERR_INVALID_INDEX) return err;

  but should read:

  if (err!=MPI_SUCCESS && err!=MPI_T_ERR_INVALID_INDEX) return err;