NAME

MPI_Op_c2f − Convert an op handle from its C representation to its Fortran representation

SYNOPSIS

#include <mpi.h>
MPI_Fint
MPI_Op_c2f(MPI_Op op)

INPUT PARAMETER

op - C op handle

RETURN VALUE

f_handle
- Fortran op handle

NOTES FOR FORTRAN

All MPI routines in Fortran (except for *MPI_WTIME* and *MPI_WTICK*) have an additional argument *ierr* at the end of the argument list. *ierr* is an integer and has the same meaning as the return value of the routine in C. In Fortran, MPI routines are subroutines, and are invoked with the *call* statement.

All MPI objects (e.g., *MPI_Datatype* , *MPI_Comm*) are of type *INTEGER* in Fortran.

ERRORS

This function does not return the normal *MPI_SUCCESS* integer value upon success. Instead, it returns a handle to the converted object. If an error occurs, the appropriate NULL handle will be returned.

SEE ALSO

MPI_Op_c2f(3)

MORE INFORMATION

For more information, please see the official MPI Forum web site, which contains the text of both the MPI-1 and MPI-2 standards. These documents contain detailed information about each MPI function (most of which is not duplicated in these man pages).

http://www.mpi-forum.org/

LOCATION

handles.c

