

MPI_Request_f2c(3)

LAM/MPI

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NAME

MPI_Request_f2c – Convert a request handle from its Fortran representation to its C representation

SYNOPSIS

```
#include <mpi.h>
MPI_Request
MPI_Request_f2c(MPI_Fint f_handle)
```

INPUT PARAMETER

f_handle
- Fortran request handle

RETURN VALUE

request
- C request 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_Comm_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

