NAME

MPI_WIN_DUP_FN − Built-in MPI function to simple-mindedly copy window attributes.

SYNOPSIS

```
#include <mpi.h>
int MPI_WIN_DUP_FN(MPI_Win win, int key, void *extra,
        void *attrin, void *attrout, int *flag)
```

INPUT PARAMETERS

win - window (handle)
key - key value (integer)
extra - extra state
attrin - in value for attribute

OUTPUT PARAMETERS

attrout - out value for attribute
flag - 1 if attribute copied successfully, 0 otherwise (logical)

NOTES

This function blindly byte-copies attributes on windows. It is the default atrribute-copying function for windows. This function will always return *MPI_SUCCESS* , and *flag* will always be set to 1.

The actual copy is performed by the code

```
*((void **) attrout) = attrin;
```

If this simple assignment is not sufficient for your attributes, you will need to reassign the attribute-copying function on relevant keyvals on windows with the *MPI_Win_keyval_create* function.

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.

SEE ALSO

MPI_Win_keyval_create

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/

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LOCATION

dupfn.c