NDRX_ATFORK_PREPARE(3)

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

SYNOPSIS

#include <atmi.h>

void ndrx_atfork_prepare(void);

For XATMI client link with *-latmiclt -latmi -lubf -lnstd -lpthread -lrt -lm*

For XATMI server link with *-latmisrv\-latmisrvnomain\-latmisrvinteg -latmi -lubf -lnstd -lpthread -lrt -lm*

Chapter 2

DESCRIPTION

When process is about to copy it self (i.e. perform forking in UNIX terms), Enduro/X requires certain tasks to be performed before this action. Particularly, if System V IPC transport is used by Enduro/X, then auxiliary threads shall be terminated and contexts released. Thus if doing manual **fork()**, then before this call, parent shall call **ndrx_atfork_prepare()** procedure. Procedure can be registered with **pthread_atfork()**, passing it to *prepare* argument.

At given time function does some logic by System V IPC, for other IPC no logic is executed. But this fact is subject of change, and in future releases some other tasks might be required to be one by Enduro/X before process forking, thus it is recommended to use **ndrx_fork()**, call manually **ndrx_atfork_prepare()** or register it with **pthread_atfork()**

Chapter 3

RETURN VALUE

N/A

Chapter 4

ERRORS

N/A

Chapter 5

BUGS

Report bugs to support@mavimax.com

Chapter 6

SEE ALSO

ndrx_fork(3) ndrx_atfork_parent(3) ndrx_atfork_child(3)

Chapter 7

COPYING