

# NDRX\_ATFORK\_PREPARE(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## 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 *-latmisrvl -latmisrvnomainl -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()**

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## Chapter 3

# RETURN VALUE

N/A

## Chapter 4

# ERRORS

N/A

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## Chapter 5

# BUGS

Report bugs to [support@mavimax.com](mailto:support@mavimax.com)



## Chapter 6

## SEE ALSO

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

## **Chapter 7**

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