TPREALLOC(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

SYNOPSIS

#include <atmi.h>

char *tprealloc(char *ptr, long size);

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

Reallocate (change the buffer size) of previously allocated resources by **tpalloc()**. The XATMI buffer is passed in with *ptr* parameters and new size is provided in *size* parameter. It is allowed to resize auto-allocated buffers (i.e. buffer that is passed into **TPSVCINFO.data** field.)

Chapter 3

RETURN VALUE

In case of success, function returns possibly new pointer of re-allocated memory. The pointer could be the same, for example if size is not changed of the buffer. In case of failure, function returns NULL and **tperrno** returns the error code.

Chapter 4

ERRORS

Note that **tpstrerror()** returns generic error message plus custom message with debug info from last function call.

TPEINVAL Invalid *ptr* pointer passed in. Either buffer not allocated by **tpalloc()** or *ptr* is NULL.

TPEOS System failure occurred during serving. See logs i.e. user log, or debugs for more info.

Chapter 5

EXAMPLE

See **atmitest/test001_basiccall/atmiclt1.c** for sample code.

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

tpalloc(3) tpfree(3)

Chapter 8

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