

TPISAUTOBUF(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

1 SYNOPSIS	1
2 DESCRIPTION	2
3 RETURN VALUE	3
4 ERRORS	4
5 BUGS	5
6 SEE ALSO	6
7 COPYING	7

Chapter 1

SYNOPSIS

```
#include <atmi.h>
```

```
int tpisautobuf (char *buf);
```

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

Test the buffer for marking of *automatically allocated* by Enduro/X. Such buffers are made at point when they are passed to XATMI service routine by Enduro/X XATMI sub-system. In case if buffer is automatically allocated, return value will be **1**, in case if allocated by user's **tpalloc(3)** function will return **0**. In case of failure **-1** is returned. Function can be called by XATMI client, normally client processes allocates buffers are manually, but there could be one exception when multi-threaded XATMI server's main thread passed service call *object* to it's companion XATMI client thread by using **tpsrvgetctxdata(3)** and **tpsrvsetctxdata(3)**. In that case client process can get auto-buffer.

Chapter 3

RETURN VALUE

If buffer is auto-allocated, **tpisautobuf()** return 1; If manually by **tpalloc(3)** 0 is returned; in case of error, -1 is returned, with **tperrno** set to indicate the error.

Chapter 4

ERRORS

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

TPEINVAL Invalid parameter is given to function. Either *buf* is NULL or *buf* not allocated by **tpalloc()**

Chapter 5

BUGS

Report bugs to madars.vitolins@gmail.com

Chapter 6

SEE ALSO

tpalloc(3) tpfree(3) tpsrvgetctxdata(3) tpsrvsetctxdata(3)

Chapter 7

COPYING

© Mavimax, Ltd