

**TPSTRERROR(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

# Contents

<a href="#">1</a>	<a href="#">SYNOPSIS</a>	<a href="#">1</a>
<a href="#">2</a>	<a href="#">DESCRIPTION</a>	<a href="#">2</a>
<a href="#">3</a>	<a href="#">RETURN VALUE</a>	<a href="#">3</a>
<a href="#">4</a>	<a href="#">ERRORS</a>	<a href="#">4</a>
<a href="#">5</a>	<a href="#">EXAMPLE</a>	<a href="#">5</a>
<a href="#">6</a>	<a href="#">BUGS</a>	<a href="#">6</a>
<a href="#">7</a>	<a href="#">SEE ALSO</a>	<a href="#">7</a>
<a href="#">8</a>	<a href="#">COPYING</a>	<a href="#">8</a>

## Chapter 1

# SYNOPSIS

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

```
char * tpstrerror (int err);
```

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*

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## Chapter 2

# DESCRIPTION

Function returns string description of given error code. Enduro/X also logs additional information for last error state, and that information is returned in string format together with description of *err*. Typically when error occurs, then programmer calls **tpstrerror(tperrno)**, thus function will closely describe what was happened. However if programmer calls **tpstrerror()** with other error code, then message will contain the description of *err* plus last XATMI call's logged error info. Then message and **tperrno** infos are stored in thread local storage (TLS).

## Chapter 3

# RETURN VALUE

String containing formatted error code description plus last call's error logged info. For example:

```
...
/* call the service now! */
if (SUCCEED!=tpcall("NONEXISTSV", (char *)p_ub, 0L, (char **)&p_ub_ret, &rsp_len, 0L))
{
    ret=FAIL;

    /* print the result */
    fprintf(stderr, "%s\n", tpstrerror(tperrno));
}
...

/* Will result with this on stderr putput
6:TPENOENT (last error 6: _tpacall: Service is not available NONEXISTSV by shm)
*/
```

## Chapter 4

# ERRORS

Function does not return any errors.

## Chapter 5

# EXAMPLE

See `atmitest/test003_basicconvers/atmisv3.c` for sample code.



## Chapter 6

# BUGS

Report bugs to [madars.vitolins@gmail.com](mailto:madars.vitolins@gmail.com)

## Chapter 7

## SEE ALSO

**tpcommit(3) tpstrerror(3) tpopen(3) tpsuspend(3) tpresume(3)**

## Chapter 8

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