

# TPSETTOUT(3)

| REVISION HISTORY |      |             |      |
|------------------|------|-------------|------|
| NUMBER           | DATE | DESCRIPTION | NAME |
|                  |      |             |      |

# Contents

|          |                     |          |
|----------|---------------------|----------|
| <b>1</b> | <b>SYNOPSIS</b>     | <b>1</b> |
| <b>2</b> | <b>DESCRIPTION</b>  | <b>2</b> |
| <b>3</b> | <b>RETURN VALUE</b> | <b>3</b> |
| <b>4</b> | <b>ERRORS</b>       | <b>4</b> |
| <b>5</b> | <b>EXAMPLE</b>      | <b>5</b> |
| <b>6</b> | <b>BUGS</b>         | <b>6</b> |
| <b>7</b> | <b>SEE ALSO</b>     | <b>7</b> |
| <b>8</b> | <b>COPYING</b>      | <b>8</b> |

## Chapter 1

# SYNOPSIS

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

```
int tptoutset(int tout);
```

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

Configure ATMI library for using different timeout setting for performing timed service calls and waiting for answers. This function overrides the setting found in **NDRX\_TOUT** environment variable. Note that this function does not pull-in **tpinit(3)** automatically (nor it loads the environment configuration). Thus if **tptoutset()** function is called before ATMI init, the current value will be overwritten.

For server processes at **tpsrvinit()** stage timeout value is already correct and can be overwritten.

**tout** is number of seconds that shall be configured as max wait/send time. It must be greater than **0**.

The function configures the value on process bases, and is not thread safe (shall be called only by one concurrent thread only).

## Chapter 3

# RETURN VALUE

On success, **tptoutset()** return zero; on 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** *tout* parameter is less or equal to **0**.

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## Chapter 5

# EXAMPLE

See `atmitest/test051_settout/atmict51.c` for sample code.



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

`tptoutget(3)` `tpinit(3)` `ex_env(5)`

## **Chapter 8**

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