# TPTYPES(3)

**REVISION HISTORY**

| NUMBER | DATE | DESCRIPTION | NAME |
|--------|------|-------------|------|
|        |      |             |      |

# Contents

# Chapter 1

# SYNOPSIS

#include <atmi.h>

long tptypes(char *ptr*, char *type*, char *subtype*);

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

Function returns type information from given buffer pointer in *ptr*. If paramter *type* is not NULL, then in case of success buffer type is coppied to. If buffer sub-type is used and argument *subtype* is not NULL, then sub-type code is coppied to.

# Chapter 3

# RETURN VALUE

On success, **tptypes()** return buffer allocated length; 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** Enduro/X is not configured or buffer pointer is NULL or not allocated by **tpalloc()**.

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

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

# Chapter 5

# EXAMPLE

See **atmitest/test017_srvthread/atmisv17.c** for sample code.

# Chapter 6

# BUGS

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

# Chapter 7

# SEE ALSO

**tpalloc(3)**

# Chapter 8

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