

**TPTYPES(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## 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 *-latmisrvl -latmisrvnomainl -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.

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## Chapter 5

# EXAMPLE

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

## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**tpalloc(3)**

## Chapter 8

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