

**TPFREE(3)**

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

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## Chapter 1

# SYNOPSIS

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

```
void tpfree(char *ptr);
```

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

Free up the XATMI buffer allocated by **tpalloc()** or **tprealloc()**. The pointer shall not be used to any other calls afterwards, as it points to invalid memory after call. **tpfree()** must not be used for auto-allocated buffers, i.e. ones received into to service routine, as auto buffers will be cleaned up in following **tpreturn()** or **tpforward()** calls.

Function will not free any other resources e.g. allocated by **malloc()** or **calloc()**.

**tpfree()** is not needed to be called on buffers which are automatically allocated by incoming service call. Also **tpfree()** is not needed to called on buffers which are returned to **tpreturn(3)** or **tpforward(3)**. At service ending, **tpreturn** or **tpforward** makes free auto-allocated buffer and return buffer (if it is different than auto-alloc buffer).

## Chapter 3

# RETURN VALUE

Function is void and no error is returned.

## Chapter 4

# ERRORS

Function is void and no error is returned.

## Chapter 5

# EXAMPLE

See `atmitest/test026_typedjson/atmict26.c` for sample code.



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**tpacall(3) tpgetrply(3)**

## Chapter 8

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