

# TPGETCONN(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

```
void* tpgetconn(void);
```

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 is used to return XA driver specific connection data. By default this function without specific XA driver use will return NULL with error set to **TPENOENT**, as callback for Enduro/X ATMI library is not known.

If callback is installed, the function would return pointer to driver specific connection handler object. The pointer shall be interpreted according to driver specification. For example Enduro/X PostgreSQL drivers would return (PGconn \*) pointer.

In case if driver specific callback is installed and driver specific data is **NULL**, no **tperrno** is set.

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## Chapter 3

# RETURN VALUE

On success, **tpgetconn()** executes the XA Driver specific callback for getting connection object. The result could be pointer or NULL, **tperrno** is set to 0. In case if callback is not installed, the **tperrno** is set to indicate this.

## Chapter 4

# ERRORS

Note that **tpstrerror()** returns generic error message plus custom message with debug info from last function call.

**TPENOENT** Callback is not installed by XA driver.

**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.

**TPENOENT** Callback from XA driver is not installed.

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## Chapter 5

# EXAMPLE

See `atmitest/test067_postgres/atmict67.c` for sample code.



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**tpinit(3)** **libndrxxapq(8)** **libndrxxaecpg(8)**

## Chapter 8

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