

TPSUSPEND(3)

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

Contents

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

Chapter 1

SYNOPSIS

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

```
int tpsuspend (TPTRANID *tranid, long flags);
```

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

Disassociate XA transaction from current thread and store transaction details to *tranid* variable. The transaction can be resumed as by doing **tpresume()**. **tranid** must not be NULL. *flags* are reserved for future use, and currently must be set to 0. It is error to have any open call descriptors (either by **tpacall()** or by **tpconnect()**). Suspending can be done by any involved process in transaction. But the role of participant does not change. The **TPTRANID** type records the information about caller, is it transaction originator or not.

Chapter 3

RETURN VALUE

On success, **tpsuspend()** 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 flags was not 0. Or *tranid* was NULL.

TPEPROTO XA subsystem was not initialized (did not call **tpopen()**), global transaction was not already started, or there was open call descriptors.

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/test021_xafull/atmict21-cli.c` for sample code.

Chapter 6

BUGS

Report bugs to madars.vitolins@gmail.com

Chapter 7

SEE ALSO

tpcommit(3) tpopen(3) tpclose(3) tpresume(3)

Chapter 8

COPYING

© Mavimax, Ltd