

**TPABORT(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 tpabort (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

Abort the global transaction. This will make any resources touched during the transaction to roll back. Enduro/X will make all resource managers to rollback the changes. Abort of transaction can only be done by transaction initiator, who originally did **tpbegin()**. *flags* is reserved for future use and must be 0.

## Chapter 3

# RETURN VALUE

On success, **tpabort()** 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.

**TPETIME** Transaction manager (**tmsrv(8)**) did not respond in configured time-out time. The state of transaction is unknown.

**TPEHAZARD** The state of transaction is not fully know. It can be that it is partially committed and partially aborted.

**TPEHEURISTIC** The state of transaction is not full known. The transaction heuristically completed.

**TPESVCERR** Failed to call transaction manager, with service error. The state of transaction is unknown.

**TPEPROTO** XA subsystem was not initialized (did not call **tpopen()**), no global transaction started or caller is not initiator of transaction.

**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.c` for sample code.



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

`tpbegin(3)` `tpcommit(3)` `tpopen(3)`

## Chapter 8

# COPYING

© Mavimax, Ltd