

TPSCMT(3)

| REVISION HISTORY | | | |
|------------------|------|-------------|------|
| NUMBER | DATE | DESCRIPTION | NAME |
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Chapter 1

SYNOPSIS

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

```
int tpscmt(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

Change the logic how **tpcommit(3)** shall behave. Setting affects current transaction and is used during the phase when commit is performed. The setting value is stored in thread local stored for particular control thread. The value is shared with tx.h API.

Parameter *when_return* accepts following values:

- **TP_CMT_LOGGED** which indicates that **tx_commit(3)** will return immediately after all transaction managers participating in transaction have been prepared for commit. And the actual commit is left for background thread at transaction manager **tmsrv(8)** server process. The **tmsrv(8)** run these jobs periodically at **-s** seconds interval, configured at server's command line parameter.
- **TP_CMT_COMPLETE** the default value which means that **tpcommit(3)** will return only after full commit have been performed.

Chapter 3

RETURN VALUE

On success, **tpscmt()** return either **TP_CMT_LOGGED** or **TP_CMT_COMPLETE** depending on previous setting. 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 Invalid *flag* value, must be either **TP_CMT_LOGGED** or **TP_CMT_COMPLETE**.

Chapter 5

EXAMPLE

See `atmitest/test021_xafull/atmict21tx.c` for sample code.

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

`tx_set_commit_return(3)` `tpcommit(3)`

Chapter 8

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