

TX_SET_COMMIT_RETURN(3)

REVISION HISTORY

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Chapter 1

SYNOPSIS

```
#include <tx.h>
```

```
int tx_set_commit_return(COMMIT_RETURN when_return);
```

For XATMI client link with *-latmictl -latmi -lubf -lnstd -lpthread -lrt -lm*

For XATMI server link with *-latmisrv|-latmisrvnomain|-latmisrvinteg -latmi -lubf -lnstd -lpthread -lrt -lm*

Chapter 2

DESCRIPTION

Change the logic how **tx_commit(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.

Parameter *when_return* accepts following values:

- **TX_COMMIT_DECISION_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.
- **TX_COMMIT_COMPLETED** the default value which means that **tx_commit(3)** will return only after full commit have been performed.

Chapter 3

RETURN VALUE

On success, `tx_set_commit_return()` return **TX_OK**; on error, error code is returned

Chapter 4

ERRORS

TX_EINVAL The value of *when_return* is not **TX_COMMIT_DECISION_LOGGED** nor **TX_COMMIT_COMPLETED**.

TX_PROTOCOL_ERROR Transaction manager is not open by **tx_open(3)**

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_open\(3\)](#) [tx_close\(3\)](#) [tx_begin\(3\)](#) [tx_commit\(3\)](#) [tx_rollback\(3\)](#) [tx_info\(3\)](#) [tx_set_transaction_timeout\(3\)](#) [tx_set_transaction_cont](#)

Chapter 8

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