

# TX\_SET\_COMMIT\_RETURN(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

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

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 **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)**

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

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