

**\_TMSTARTSERVER(3)**

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

```
int _tmstartserver( int argc, char **argv, struct tmsvrargs_t *tmsvrargs);
```

Link with *-latmisrvnomain -latmi -lubf -lnstd -lpthread -lrt -lm*

## Chapter 2

# DESCRIPTION

Function is used to start Enduro/X XATMI server process. The startup routine takes standard command line arguments and additions structure *tmsvrargs* filled with **tpsvrinit(3)** and **tpsvrdone(3)** callbacks, it also contains the XA Switch object and array filled with services to be advertised after the user's **tpsvrinit(3)** is done. Any services which user have advertised by **tpadvertise(3)** and which have also exported to *tmsvrargs.svctab*, will be ignored (i.e. **TPEMATCH** error will be ignored). The *tmsvrargs.svctab* table must be terminated with row for which *svcnm* is set to NULL.

The **struct tmsvrargs\_t** structure is following:

```
struct tmsvrargs_t
{
    struct xa_switch_t * sw;           /**< XA Switch                               */
    struct tmdsptchtbl_t *svctab;     /**< Service dispatch table                 */
    long rful;                        /**< Reserved for future use                 */
    int (*p_tpsvrinit)(int, char **); /**< Server init function                   */
    void (*p_tpsvrdone)(void);        /**< callback to server done                 */
    void * rfu2;                      /**< Reserved for future use                 */
    void * rfu3;                      /**< Reserved for future use                 */
    void * rfu4;                      /**< Reserved for future use                 */
    void * rfu5;                      /**< Reserved for future use                 */
    void * rfu6;                      /**< Reserved for future use                 */
};
```

The **struct tmsvrargs\_t** structure is following:

```
struct tmdsptchtbl_t
{
    char *svcnm;                      /**< Service name                               */
    char *funcnm;                     /**< Function name                             */
    void (*p_func)(TPSVCINFO *);     /**< Function to run on service invocation*/
    long rful;                        /**< Reserved 1                               */
    long rfu2;                        /**< Reserved 2                               */
};
```

RFU bits should be initialized to 0 or NULL.

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## Chapter 3

# RETURN VALUE

On success, `_tmstartserver()` returns 0; on error, -1 is returned, with `tperrno` set to indicate the error.

## **Chapter 4**

# **ERRORS**

For error records see NDRX and/or ULOG records.

## Chapter 5

# BUGS

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

## Chapter 6

# EXAMPLE

See `atmitest/test004_basicevent/atmisv4_1ST.c` for sample code.

## Chapter 7

## SEE ALSO

`ndrx_main(3)` `ndrx_main_integra(3)`

## **Chapter 8**

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