

**TPSVRINIT(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>SYNOPSIS</b>	<b>1</b>
<b>2</b>	<b>DESCRIPTION</b>	<b>2</b>
<b>3</b>	<b>RETURN VALUE</b>	<b>3</b>
<b>4</b>	<b>ERRORS</b>	<b>4</b>
<b>5</b>	<b>EXAMPLE</b>	<b>5</b>
<b>6</b>	<b>BUGS</b>	<b>6</b>
<b>7</b>	<b>SEE ALSO</b>	<b>7</b>
<b>8</b>	<b>COPYING</b>	<b>8</b>

## Chapter 1

# SYNOPSIS

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

```
int tpsvrinit (int argc, char **argv);
```

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

This function is called upon server startup. Before the services are advertise, this function is activated. The *argc* and *argv* is command line paramters passed to binary after the `--`. Initial paramters are used by Enduro/X, these are sys-opts in the **ndrxconfig.xml**, after the `--` those are application specific options.

Normally at **tpsvrinit()** XATMI server does the **tpadvertise()**, and initialise other resources, like calling **tpopen()**. Any advertise done here, actually takes a part when function returns.

The function can be exposed to Enduro/X system in different ways:

1. If server binary is linked with *-latmisrv*, then server must contain public (non static) function of **tpsvrinit()**.
2. If server binary is linked with *-latmisrvnomain*, then above (1) rule still applies. But in this case the caller's **main()** must invoke **ndrx\_main()** function.
3. If server binary is linked with *-latmisrvinteg*, then functions **tpsvrinit()** and **tpsvrdone()\*** must be passed to **ndrx\_main\_integra()** function.

This only applies to XATMI servers.

## Chapter 3

# RETURN VALUE

If application failed to initialise, the user shall return non 0 value. If succeed, then 0 must be returned.

## Chapter 4

# ERRORS

Not available.

## Chapter 5

# EXAMPLE

See `atmitest/test001_basiccall/atmisv1.c` for sample code.

## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**ndrx\_main(3) ndrx\_main\_integra(3) tpsvrinit(3) tpclose(3) tpopen(3) xadmin(8)**

## **Chapter 8**

# **COPYING**

© Mavimax, Ltd