

TPADVERTISE(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

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

Chapter 1

SYNOPSIS

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

```
#define tpadvertise(_SVCNM, _FNADDR) tpadvertise_full(_SVCNM, _FNADDR, #_FNADDR)
```

```
int tpadvertise_full (char *svcnm, void (*)(TPSVCINFO *) func, char *funcname);
```

Link with *-latmisrv|-latmisrvnomain|-latmisrvinteg -latmi -lubf -lnstd -lpthread -lrt -lm*

Chapter 2

DESCRIPTION

Advertise service is done by function *tpadvertise_full*. *svcnm* is service name, services cannot start with reserved symbol @, which are intended for Enduro/X system use. Service name cannot contain symbols , and /. Max service name length is defined by **MAXTIDENT** constant. If length is longer, it will be truncated. *func* is a pointer to service function. *funcname* is name of the function that will be shown in **xadmin psc** listings. For compatibility with other systems C macro *tpadvertise* is provided which consumes *_SVCNM* as service name, and *_FNADDR* as pointer to function. The function name is automatically generated by precompiler.

Function can be called during the server initialization phase (i.e. **tpsvrinit()** function) and during the runtime (i.e. for service function).

This function is available only for XATMI servers.

Chapter 3

RETURN VALUE

On success, **tpadvertise_full()** return zero; on error, -1 is returned, with **tperrno** set to indicate the error.

Chapter 4

ERRORS

Note that **tpsterror()** for returns generic error message plus custom message with debug info from last call.

TPEMATCH Service with given name is already advertised, and pointer to function is different. If pointer matches, that it is not an error.

TPEOS System failure occurred during serving. See logs i.e. user log, or debugs for more info. That could insufficient memory or other error.

Chapter 5

EXAMPLE

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

Chapter 6

BUGS

Report bugs to madars.vitolins@gmail.com

Chapter 7

SEE ALSO

`tpunadvertise(3)`

Chapter 8

COPYING

© ATR Baltic, SIA