

**NDRX\_MAIN\_INTEGRA(3)**

| REVISION HISTORY |      |             |      |
|------------------|------|-------------|------|
| NUMBER           | DATE | DESCRIPTION | NAME |
|                  |      |             |      |

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## Chapter 1

# SYNOPSIS

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

```
int ndrx_main_integra(int argc, char **argv, int (*in_tpsvrinit)(int, char **), void (*in_tpsvrdone)(void), long flags);
```

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

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## Chapter 2

# DESCRIPTION

Function is used in case if Enduro/X XATMI server is linked with *-latmisrvinteg* library. In this case binarie's **main()** function resists outside of Enduro/X libs, thus to launch the XATMI server, the **ndrx\_main\_integra()** needs to be called. The full *argc* and *argv* of binarie's command line must be passed to this function. In integration mode, callbacks for **tpsvrinit(3)** and **tpsvrdone(3)** must be passed in.

### Valid flags

**ATMI\_SRVLIB\_NOLONGJUMP** do not do long jump when **tpreturn(3)** or **tpforward(3)** returns. This is suitable for systems for which long jump can crash runtime internals. But not that in this case **tpreturn()** and **tpforward()** will return as normal function call. Thus programmer shall ensure that proper logic. It is expected that these are last functions called in XATMI server's service.

This function is available only for XATMI servers.

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## Chapter 3

# RETURN VALUE

On success, **ndrx\_main\_integra()** 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.

**TPESYSTEM** System failure occurred during serving. See logs i.e. user log, or debugs for more info.

**TPEOS** System failure occurred during serving. See logs i.e. user log, or debugs for more info.

Other error might be emitted too.

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## Chapter 5

# BUGS

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

## Chapter 6

## SEE ALSO

`ndrx_main(3)`

## **Chapter 7**

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