

TPADMSV(8)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

1	SYNOPSIS	1
2	DESCRIPTION	2
3	OPTIONS	3
4	EXIT STATUS	4
5	BUGS	5
6	SEE ALSO	6
7	COPYING	7

Chapter 1

SYNOPSIS

tpadmsv [*OPTIONS*]

Chapter 2

DESCRIPTION

This is XATMI server which provides **tm_mib(5)** interface backend. On request, server process collects various system information, prepares the cursor (stored in memory) and provides the response back to caller. Currently only **GET** and **GETNEXT** operations are supported. The server process is optional for Enduro/X and is used only to provide a solid framework for gathering system information. **tpadmsv** collects information from following system parts:

- **ndrxd(5)** requests the information about processes (such as xadmin ppm), services (such as xadmin psc).
- **open queues** - reads the list of IPC queues to extract the service information.
- **shared memory** - to extract the information about services, client processes (such as **cpmsrv(5)**)

Every instance of **tmadmsv** will advertise following list of services:

1. **.TMIB** - command load balanced service for informational services. This is not exported over the **tpbridge(8)**.
2. **.TMIB-<NODE ID>** - used for initiating the requests over the **tpbridge(8)**.
3. **.TMIB-<NODE ID>-<SERVER ID>** - particular instance for fetching the next window of cursor data.

Each cursor returned from the **tmadmsv** encodes the the exact instance service number i.e. service 2. Thus when fetching the next portion of data, normally **.TMIB** service is called. If instance receive the cursor from other instance, the message is forwarded to exact service name.

Chapter 3

OPTIONS

[-n *MAX_CURSORS*]

This is max number of cursors allowed for process to create. If number of open cursors is greater than this number, the **TAELIMIT** error is returned. The default value is **100**.

[-b *REPLY_BUFFER_SIZE*]

This is buffer size in bytes in which reply data window is loaded. When data is being loaded into reply buffer, cursor fetching algorithm ensures that before loading object into buffer, the buffer free size is object size multiplied by 2 plus 1152 bytes. Default value is **4096** bytes.

[-v *CURSOR_VALIDITY*]

Number of seconds to keep un-fetched cursors in memory. After this time the cursor is zapped. Un-fetched cursors usually appears due to user program error where fetch is not done till the end. The default value is **30** seconds.

[-s *SCAN_TIME*]

Un-fetched cursor sanity scan time. Interval into which tests are made for the cursors. The default value is **15** seconds.

Chapter 4

EXIT STATUS

0 Success

1 Failure

Chapter 5

BUGS

Report bugs to support@mavimax.com

Chapter 6

SEE ALSO

`ndrxconfig.xml(5)` `tm_mib(5)` `xadmin(8)` `cpmsrv(8)` `ndrxd(8)`

Chapter 7

COPYING

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