

Q.CONF(5)

| REVISION HISTORY | | | |
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| NUMBER | DATE | DESCRIPTION | NAME |
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Chapter 1

SYNOPSIS

<QUEUE_NAME>,svcnm=<SERVICE_NAME>,autoq=<AUTOMATIC_Q>,tries=<TRIES>,waitinit=<INIT_WAIT>,waitretry=<RETRY_WAIT>

Chapter 2

DESCRIPTION

q.conf defines the message queues for *tmqueue*. The filename is passed to *tmqueue* in application *-q* parameter. This file can be shared between multiple *tmqueue* servers. It is recommended to define default queue (special name is @). So that during operations if specific queue is not found, then settings are taken from default queue. The queue definitions also might not be complete. If so, then defaults are used for other parameters. It is recommended to define default queue first. So that it can be using for other queue missing parameter defaulting.

Whitespace/empty lines are ignored. File may contains comments which are started at the beginning of the line with # symbol.

Chapter 3

DEBUG CONFIGURATION FILE SYNTAX

QUEUE_NAME>

Queue name. For default queue use @ symbol. Max name length is 15 symbols.

SERVICE_NAME

Service name to forward the message to. This is used for automatic queues. For manual queues you may put some dummy value into.

AUTOMATIC_Q

Y (y) - automatic queue. **T** (t) - automatic and call is performed in global transaction. **N**(n) - not automatic.

TRIES

Number of tries to send the message to *SERVICE_NAME* service. I.e retry will be done in case if call returns the error. Parameter is used by automatic queues.

INIT_WAIT

Number of seconds to be waited before starting to send the message to service. Note that the minimum wait time is defined by *tmqueue -s* scan time flag which makes the periodic sleeps before scanning the messages to be sent. This is setting used by automatic queues.

RETRY_WAIT_INC

Increase number of seconds to wait for next retry of forwarding message to service. This setting is used only by automatic queues.

WAIT_MAX

Maximum number of seconds to wait after taking in account *RETRY_WAIT_INC*.

MODE

Queue mode, can be **fifo** or **lifo**. This setting affects *tpdequeue()*.

TXTOUT

Transaction timeout, either global (target service call is made in within global transaction) if using **T** for *autoq* or local timeout for transaction.

Chapter 4

EXAMPLE

Sample configuration:

```
#
# @(#) EnduroX Persistent Queue Configuration
#
@,svcnm=-,autoq=n,waitinit=0,waitretry=0,waitretryinc=0,waitretrymax=0,memonly=n,mode=fifo
# This will take other settings from default:
TESTA,svcnm=-,autoq=n,waitinit=5

# Automatic queue: Will try to send messages to TESTSVC
LTESTB,svcnm=TESTSVC,autoq=y,waitinit=1,waitretry=1,waitretryinc=2,waitretrymax=0,memonly=n ↵
,mode=lifo
```

When using common-configuration then above sample is moved to ini files. The sample section would look like: (e.g. */app/dir/-conf/endurox.ini*)

```
#
# @(#) EnduroX Persistent Queue Configuration
#
[@queue]
@=svcnm=-,autoq=n,waitinit=0,waitretry=0,waitretryinc=0,waitretrymax=0,memonly=n,mode=fifo
# This will take other settings from default:
TESTA=svcnm=-,autoq=n,waitinit=5

# Automatic queue: Will try to send messages to TESTSVC
LTESTB=svcnm=TESTSVC,autoq=y,waitinit=1,waitretry=1,waitretryinc=2,waitretrymax=0,memonly=n ↵
,mode=lifo
```

For common configuration sub-sections can be used by **cctag**, for example if you have following in your *ndrxconfig.xml*:

```
<server name="tmqueue">
  <max>1</max>
  <srvid>1660</srvid>
  <cctag>qs1</cctag>
  <sysopt>-e /tmp/QS1.log -r -- -m QS1 -s1</sysopt>
</server>
<server name="tmqueue">
  <max>1</max>
  <srvid>1670</srvid>
  <cctag>qs2</cctag>
  <sysopt>-e /tmp/QS2.log -r -- -m QS2 -s1</sysopt>
</server>
```

Then queues can be defined in sub-section per server cctag, for example:

```
#
#Q defaults (common)
#
[@queue]
@=svcnm=-,autoq=n,waitinit=0,waitretry=0,waitretryinc=0,waitretrymax=0,memonly=n,mode=fifo

#
# manual queue, overridden to lifo
#
[@queue/qs1]
queue1=mode=lifo

#
# Automatic queue
#
[@queue/qs2]
queue2=svcnm=TESTSV,autoq=y,tries=3,waitinit=1,waitretry=5,waitretryinc=2,waitretrymax=10
```

Chapter 5

BUGS

Report bugs to support@mavimax.com

Chapter 6

SEE ALSO

`xadmin(8)`, `ndrxd(8)`, `ndrxconfig.xml(5)` `common_configuration(guides)`

Chapter 7

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