

NAME

"mailq -M" - output format description

SYNOPSIS

Lots of odd variables and counters

These are generated from inline XMLishly tagged descriptions in file *scheduler/mailq.inc*

DESCRIPTION**SHM segment header**

Basic SHM segment identifier, and references.

SHM segment Magic

Magic value used to ensure that active segment, and programs have matching view of the world.

Time_now

Lookup program prints local time(2) value in decimal.

Block_creation_time

When this current shared memory object was created.

Do note that it may well be from before last system boot, as this is backed on mmap(2)ed file.

SYS.Load_Avg-1-min-G

At systems with getloadavg(3) API, shows 1 minute load-average as a fixed point fractional number.

SYS.Load_Avg-5-min-G

At systems with getloadavg(3) API, shows 5 minute load-average as a fixed point fractional number.

SYS.*

Various top-level things, e.g. process group leader PIDs et.al.

SYS.RouterMasterPID

Process-id of Router processes group leader, which is also the queue manager of the router subsystem.

SYS.RouterMasterStartTime

When the Router process group leader was started.

SYS.RouterMasterStarts

How many times the Router process group leader has been started in the lifetime of this shared memory block.

SYS.SchedulerMasterPID

Process-id of Scheduler processes group leader, which is also the queue manager of the router subsystem.

SYS.SchedulerMasterStartTime

When the Scheduler process group leader was started.

SYS.SchedulerMasterStarts

How many times the Scheduler process group leader has been started in the lifetime of this shared memory block.

SC.SchedulerTimeserverPID

Separate fork of the Scheduler, which maintains a shared variable with local time in 1 second resolution.

Originally this was created, when system profiling did show, how absolutely appalling amounts of time(2) syscalls the scheduler does.

- SC.SchedulerTimeserverTime
Scheduler's timeserver's idea of present time. If this disagrees with "time now" above, something is seriously wrong (when the scheduler does not run, this isn't running either, of course.)
- SC.SchedulerTimeserverStarts
How many times the Scheduler's Timeserver has been started.

This should match with SYS.SchedulerMasterStarts count.
- SC.SchedulerTimeserverStartTime
When the Scheduler's Timeserver was started last time.

This should match with SYS.SchedulerMasterStartTime.
- SYS.SmtpServerMasterPID
PID of SMTP-server's master instance. This process does listen(2) on defined inbound sockets, and forks actual receiver instances.
- SYS.SmtpServerMasterStartTime
When the SMTP-server's master instance was started the latest time.
- SYS.SmtpServerMasterStarts
How many times the SMTP-server's master instance has been started during the existence of this SHM segment.
- SS.SubsysRateTrackerPID
Process-id of smtpserver's realtime incoming message rate tracker.
- SS.SubsysRouterMasterPID
Process-id of smtpserver's interactive router processes group leader.
- SS.SubsysContentfilterMasterPID
Process-id of smtpserver's contentfilter subserver process group leader.
- SS.Irouter-reply-delay-G
Delay (in secs) of latest interactive router reply from arrival of the question.
- SS.Irouter-queue-G
Number of requests in smtpserver's i-router interface queue.
- SS.Irouter-reply-delay-G
Delay (in secs) of latest interactive router reply from arrival of the question.
- SS.Irouter-queue-G
Number of requests in the smtpserver's content-filter interface queue.
- SYS.SpoolFreeSpace-kB-G
Amount of free POSTOFFICE filesystem space in the system in kilobytes.
- SYS.SpoolUsedSpace-kB-G
Amount of used POSTOFFICE filesystem space in the system in kilobytes.
- SYS.SpoolFreeFiles-G
Amount of free POSTOFFICE filesystem i-node space in the system.
- SYS.SpoolUsedFiles-G
Amount of used POSTOFFICE filesystem i-node space in the system.
- SYS.TportSpoolFreeSpace-kB-G
Amount of free POSTOFFICE Tport filesystem space in the system in kilobytes.
- SYS.TportSpoolUsedSpace-kB-G
Amount of used POSTOFFICE Tport filesystem space in the system in kilobytes.

SYS.TportSpoolFreeFiles-G

Amount of free POSTOFFICE Tport filesystem i-node space in the system.

SYS.TportSpoolUsedFiles-G

Amount of used POSTOFFICE Tport filesystem i-node space in the system.

SYS.LogFreeSpace-kB-G

Amount of free LOGDIR filesystem space in the system in kilobytes.

SYS.LogUsedSpace-kB-G

Amount of used LOGDIR filesystem space in the system in kilobytes.

SYS.LogFreeFiles-G

Amount of free LOGDIR filesystem i-node space in the system.

SYS.LogUsedFiles-G

Amount of used LOGDIR filesystem i-node space in the system.

SS.*

SmtplibServer counters and gauges.

SS.Processes-G

A gauge tracking number of active instances of the smtpserver. In running system the number one is the master process, all active inbound sessions add themselves.

SS.ParallelSMTPconnects-G

A gauge tracking number of active incoming SMTP socket connections.

SS.ParallelSMTPSconnects-G

A gauge tracking number of active incoming SMTPS socket connections.

SS.ParallelSUBMITconnects-G

A gauge tracking number of active incoming SUBMIT socket connections.

SS.ProcessForks

Number of started receiving SMTP/SMTPS/SUBMIT socket serving processes

SS.ProcessForkFailures

Failures to fork(2) another process - e.g. system badly out of resources ?

SS.ContentPolicyForkFailures

Failures to fork(2) a content-policy analysis (interface) process

SS.SMTPconnects

Number of received SMTP socket connections (also fork attempts to serve it)

SS.SMTPSconnects

Number of received SMTPS socket connections (also fork attempts to serve it)

SS.SUBMITconnects

Number of received SUBMIT socket connections (also fork attempts to serve it)

SS.MaxSameIpSourceCloses

Number of times, when there have been more connections from any given single IP address, than what "PARAM MaxSameIpSource" has been configured to allow.

SS.MaxParallelConnectionCloses

Number of times, when there have been more connections into smtpserver, than the global "PARAM MaxParallelConnections" parameter has been configured to allow.

SS.SMTPcommands

Total number of received SMTP commands. All commands before any analysis.

SS.SMTPcommands-unknown

Number of received SMTP commands which for some reason or other are considered invalid.

SS.IncomingClientPipelines

Number of observed cases, where contacting client uses apparent PIPELINING protocol enhancement, e.g. when (at any commands reception) there are more data in the input stream right after a command has been read in.

This counts only once per connection in order to see, what share of incoming sessions are using this feature.

SS.IncomingSmtpTarpits

Number of cases, when the TARPIT functionality has been activated in the session. This counts all instances, which may mean e.g. a dozen or more counts per connection.

SS.SMTP_HELO

Number of received HELO greetings. Raw number without any analysis.

SS.SMTP_HELO_ok

Number of received HELO greetings which were ok per possibly applied "strict" rules.

SS.SMTP_HELO_bad

Number of received HELO greetings which were bad per possibly applied "strict" rules.

SS.SMTP_EHLO

Number of received EHLO greetings. Raw number without any analysis.

SS.SMTP_EHLO_ok

Number of received EHLO greetings which were ok per possibly applied "strict" rules.

SS.SMTP_EHLO_bad

Number of received EHLO greetings which were bad per possibly applied "strict" rules.

SS.SMTP_STARTTLS

Number of received STARTTLS commands in SMTP/LMTP/SUBMIT sockets. (If this has been enabled in the system!)

SS.SMTPTLSes

Duplicate name/printout of "SS.SMTP_STARTTLS"

SS.SMTP_STARTTLS_fail

Number of instances, when STARTTLS command has failed for some reason.

SS.SMTP_NOOP

Number of received NOOP verbs.

SS.SMTP_RSET

Number of received RSET verbs.

SS.SMTP_HELP

Number of received HELP verbs.

SS.SMTP_ETRN

Number of received ETRN verbs. (If this has been enabled in the system!)

SS.SMTP_EXPN

Number of received EXPN verbs. (If this has been enabled in the system!)

SS.SMTP_VRFY

Number of received VRFY verbs. (If this has been enabled in the system!)

SS.SMTP_TICK

Number of received TICK verbs. (An BSMTP environment verb, actually doesn't mean much of anything.)

SS.SMTP_TURN

Number of received TURN verbs. (This isn't actually implemented, and leads to an error.)

SS.SMTP_VERBOSE
 Number of received VERBOSE verbs. (If this has been enabled in the system!)

SS.SMTP_DEBUG
 Number of received DEBUG verbs. (If this has been enabled in the system!)

SS.SMTP_MAIL
 Total number of received MAIL verbs.

SS.SMTP_MAIL_ok
 Total number of acceptably received MAIL verbs.

SS.SMTP_MAIL_bad
 Total number of non-acceptably received MAIL verbs.

SS.SMTP_RCPT
 Total number of received RCPT verbs.

SS.SMTP_RCPT_ok
 Total number of acceptably received RCPT verbs.

SS.SMTP_RCPT_bad
 Total number of non-acceptably received RCPT verbs.

SS.Smtp-Opt-ENVID
 Total number of received ENVID options

SS.Smtp-Opt-SIZE
 Total number of received SIZE options

SS.Smtp-Opt-AUTH
 Total number of received AUTH options

SS.Smtp-Opt-DELIVERBY
 Total number of received DELIVERBY options

SS.Smtp-Opt-BODY-8BITMIME
 Total number of received BODY=8BITMIME options

SS.Smtp-Opt-BODY-BINARYMIME
 Total number of received BODY=BINARYMIME options

SS.Smtp-Opt-BODY-7BIT
 Total number of received BODY=7BIT options

SS.Smtp-Opt-RETURN
 Total number of received RET=.. options

SS.Smtp-Opt-NOTIFY
 Total number of received NOTIFY=.. options

SS.Smtp-Opt-ORCPT
 Total number of received ORCPT=.. options

SS.SMTP_DATA
 Total number of received DATA verbs.

SS.SMTP_DATA_ok
 Total number of received messages via DATA verb.

SS.SMTP_DATA_bad
 Total number of failed receptions of DATA verb, or message content.

SS.SMTP_BDAT
 Total number of received BDAT verbs.

SS.SMTP_BDAT_ok

Total number of received messages via BDAT verb.

(FIXME: BDAT without LAST parameter ??)

SS.SMTP_BDAT_bad

Total number of failed receptions of BDAT verb, or message content.

SS.SMTP_DATA-kB

Received message volume via DATA verb. Each message size rounded up to next 1024 bytes, and divided by 1024. Finally summed up into this variable.

SS.SMTP_BDAT-kB

Received message volume via BDAT verb. Each message size rounded up to next 1024 bytes, and divided by 1024. Finally summed up into this variable.

SS.SMTP_input_spool-kB

Sum Received message spool sizes rounded up to next 1024 byte, and divided by 1024, then summed up into this variable.

SS.ReceivedMessages

Cumulative count of received messages by DATA and BDAT verbs.

This includes cases of messages that in the end became rejected!

SS.ReceivedRecipients

Cumulative count of received recipients by DATA and BDAT verbs.

This includes cases of messages that in the end became rejected, but does so with acceptance pre-filtered RCPT addresses.

SS.TransmittedMessages

Cumulative count of messages that have been successfully sent from smtpserver onwards to the system proper.

SS.TransmittedRecipients

Cumulative count of recipients that have been successfully sent from smtpserver onwards to the system proper.

RT.*

RouTer counters and gauges.

RT.RouterProcesses-G

Current count of router processes.

The router master (queue-manager) is number one, resource configuration limits eventually how many there will be, but there won't be that many running, until there has a burst of high activity in form of many message to feed to processing.

RT.RouterProcessForks

Count of started active processing instances.

This is zeroed at queue manager startp, and should max out, when all configured-to-be-used resources are in use.

It is possible, that there is some problem in the system, and the processing router processes keep crashing. Then you will see this count keep counting up, while the RouterProcesses-G stays stable, or perhaps jumps up and down a bit.

RT.RouterProcessFaults

Count of active router subprocesses closing by anything else than "exit(0)".

This should always stay zero!

RT.ReceivedMessages

Number of messages received into router queue-manager input queue.

RT.ReceivedRecipients

Number of parsed recipients in processed messages.

Where RT.ReceivedMessages is kept with router input queue manager, this count is known only when a message is actually processed. Essentially same problem, as with RT.StoredRecipients-G.

RT.TransmittedMessages

Number of messages that have completed processing in router, and have been moved onwards to scheduler.

RT.TransmittedRecipients

Number of recipient addresses (specifications) in the messages moved onwards to scheduler. (Router internal alias expansion shows up with this count being slightly higher, than the received recipient count.)

RT.ReceivedVolume-kB

Message volume received into router input queue, counted as kilobytes after rounding each received message file size up to next 1024 byte level.

RT.TransmittedVolume-kB

Message volume sent onwards from the router to the scheduler's "queue" directory. These are the original incoming files! (The usual round up to next kilobyte...)

RT.TransmittedVolume2-kB

Message volume sent onwards from the router to the scheduler's "transport" directory. These are transport-specification entries with rewritten headers, etc. (The usual round up to next kilobyte...)

RT.StoredMessages-G

Number of messages presently in the routing queue, including those not quite yet sent onwards.

RT.StoredVolume-kB-G

Total size of messages in router input queue. (The usual round up to next kilobyte...)

SC.*

SCScheduler counters and gauges.

SC.ReceivedMessages

Number of messages inserted in Scheduler's pre-digestion queue. From there they are assimilated into processing in rate-limited manner in order to limit the effect of queue assimilation into system functionality..

SC.ReceivedRecipients

Number of assimilated recipient descriptors.

SC.TransmittedMessages

Number of messages that have all their recipients completed (successes and failures together) out from the internal state.

SC.TransmittedRecipients

Number of recipient addresses that have been completed (successes and failures together) out from the internal state.

SC.StoredMessages-G

Gauge of message files in the queue.

- SC.StoredThreads-G
Gauge of different channel/host pairs total in the queue state.
- SC.StoredVertices-G
Sum of number of messages in each thread.
- SC.StoredRecipients-G
Sum of actual recipients in each message in each thread.
- SC.ReceivedVolume-kB
Received messages spool file(s) size sum in kilobytes.
- SC.StoredVolume-kB
Still in queue messages spool file(s) size sum in kilobytes.
- SC.TransmittedVolume-kB
Sum of message spool file(s) sizes completed so far.
- SC.TransportAgentForks
Number of times the scheduler has started a new transport-agent process.
- SC.TransportAgentProcesses-G
Number of transport agent processes currently running under the scheduler.
- SC.TransportAgentsActive-G
Number of transport agent processes currently considered actively working on something.
- SC.TransportAgentsIdle-G
Number of transport agent processes currently placed into "idle" state in order to be recycled to some other job. (Forking is so expensive thing...)
- SC.MQ2Parallel-G
Gauge of currently active "mailq" (in protocol version 2 mode) connections.
- SC.MQ2Connects
Count of received connects to "mailq" (in protocol version 2 mode) socket.
- SC.MQ2TcpWrapRej
Number of times that tcp-wrapper has rejected the connection to the mailq-v2 socket.
- SC.MQ2AuthRej
Number of times that mailq-v2 socket authentication has failed.
- SC.MQ2TimedOut
Count of cases, where MQ2 socket has become too old, and has been killed due to it.
- SC.MQ2ReadEOF
Count of cases, where the MQ2 socket has been closed by the remote end without doing proper "QUIT" command.
- SC.MQ2ReadFails
Very odd internal error in code logic. Should see "timed out", or "Read EOF" cases, only.
- SC.MQ2WriteFails
Write to MQ2 socket has failed for other than EAGAIN/EINTR reason.
- SC.MQ2Commands
Count of command lines received in MQ2 sockets.
- SC.MQ2CommandsRej
Count of rejected command lines received in MQ2 sockets.
- SC.MQ2CommandAUTH
Count of received AUTH commands. Should match count of MQ2 sockets (unless somebody tries to break in..)

SC.MQ2CommandQUIT
Count of received QUIT commands. Should match count of MQ2 sockets.

SC.MQ2CommandETRN
Count of received ETRN commands.

SC.MQ2CommandKillThr
Count of received KILL THR commands.

SC.MQ2CommandKillMsg
Count of received KILL MSG commands.

SC.MQ2CommandKillProcess
Count of received KILL PROC commands.

SC.MQ2CommandRerouteThr
Count of received REROUTE THR commands.

SC.MQ2CommandRerouteMsg
Count of received REROUTE MSG commands.

SC.MQ2CommandShowQueueThreads
Count of received SHOW QUEUE THREADS commands.

SC.MQ2CommandShowQueueThreads2
Count of received SHOW QUEUE THREADS2 commands.

SC.MQ2CommandShowQueueShort
Count of received SHOW QUEUE SHORT commands.

SC.MQ2CommandShowQueueVeryShort
Count of received SHOW SNMP commands. These are merely two last lines of "mailq -Q" output.

SC.MQ2CommandShowThread
Count of received SHOW THREAD 'channel' 'host' commands.

SC.MQ2CommandShowCounters
Count of received SHOW COUNTERS commands. (e.g. MQ2 way of asking these counters now being described.)

TA-SMTP.*

SMTP transpor agent counters and gauges.

TA-SMTP.TaProcessStarts

Number of times that this transport agent processes type have been started in this system during this SHM blocks lifetime.

TA-SMTP.TaProcCount-G

Gauge of presently running transport agent processes of this type.

TA-SMTP.TaIdleStates

Number of times this transport agent process type has been placed into "idle" state by the scheduler.

TA-SMTP.TaMessages

Number of tasks fed to this transport agent process type by the scheduler.

TA-SMTP.TaDeliveryStarts

Number of times that this transport agent type has started a delivery on given tasks. This might be lower count, than TaMessages.

TA-SMTP.SmtpStarts

Number of times that the SMTP transport agent is beginning connecting to remote system.

- TA-SMTP.SmtConnects
Number of times that the SMTP transport agent has successfully made SMTP connection at the socket level. This doesn't yet know about possible "500 go away" greeting...
- TA-SMTP.SmtConnectFails
Number of times that the connection formation has failed at socket level.
- TA-SMTP.SmtConnectsCnt-G
Gauge of successfully formed SFIO streams presently talking to SMTP or LMTP destinations.
- TA-SMTP.LmtpConnects
Number of times that the SMTP transport agent has successfully made LMTP connection, and remote end has accepted the socket. This doesn't yet know about possible "500 go away" greeting...
- TA-SMTP.SmtPIPELINING
Number of sessions, where remote end has published PIPELINING capability, and we are taking advantage of it.
- TA-SMTP.SmtSTARTTLS
Number of sessions, where remote end has published STARTTLS capability, and we are taking advantage of it.
- TA-SMTP.SmtSTARTTLSok
Number of sessions, where we succeeded at starting the TLS encapsulation of the stream. (Relative to SmtSTARTTLS.)
- TA-SMTP.SmtSTARTTLSfail
Number of sessions, where we failed at starting the TLS encapsulation of the stream. (Relative to SmtSTARTTLS.)
- TA-SMTP.SmtEHLO
Number of sent EHLO greetings. (Sometimes we may be running in a mode forbidding EHLO, e.g. "smtp-77".)
- TA-SMTP.SmtEHLOok
Number of EHLO greetings yielding successful result (and capability sets.)
- TA-SMTP.SmtEHLOfail
Number of EHLO greetings yielding failure.
- TA-SMTP.SmtHELO
Number of sent HELO greetings (e.g. fallback from EHLO due to moronic firewalls, and/or due to configuration forbidding sending of "EHLO", e.g. "smtp-77" mode.)
- TA-SMTP.SmtHELOok
Number of HELO greetings yielding successful result.
- TA-SMTP.SmtHELOfail
Number of HELO greetings yielding failure result.
- TA-SMTP.SmtLHLO
Number of sent LHLO greetings, e.g. while talking to remotes that are actually LMTP speaking message stores into which we are doing "local delivery".
- TA-SMTP.SmtLHLOok
Number of LHLO greetings yielding successful result (and capability sets)
- TA-SMTP.SmtLHLOfail
Number of LHLO greetings yielding failure result.
- TA-SMTP.capa8BITMIME
Number of times that EHLO (and LHLO) greeting capability sets have contained "8BIT-MIME".

- TA-SMTP.capaAUTH
Number of times that EHLO (and LHLO) greeting capability sets have contained "AUTH".
- TA-SMTP.capaDSN
Number of times that EHLO (and LHLO) greeting capability sets have contained "DSN".
- TA-SMTP.capaCHUNKING
Number of times that EHLO (and LHLO) greeting capability sets have contained "CHUNKING".
- TA-SMTP.capaDELIVERBY
Number of times that EHLO (and LHLO) greeting capability sets have contained "DELIVERBY".
- TA-SMTP.capaENHANCEDSTATUSCODES
Number of times that EHLO (and LHLO) greeting capability sets have contained "ENHANCEDSTATUSCODES".
- TA-SMTP.capaPIPELINING
Number of times that EHLO (and LHLO) greeting capability sets have contained "PIPELINING".
- TA-SMTP.capaSIZE
Number of times that EHLO (and LHLO) greeting capability sets have contained "SIZE".
- TA-SMTP.capaSTARTTLS
Number of times that EHLO (and LHLO) greeting capability sets have contained "STARTTLS".
- TA-SMTP.sent-option-ENVID
Number of times that these transport agents have sent out the "ENVID=" option.
- TA-SMTP.sent-option-SIZE
Number of times that these transport agents have sent out the "SIZE=" option.
- TA-SMTP.sent-option-RET
Number of times that these transport agents have sent out the "RET=" option.
- TA-SMTP.sent-option-NOTIFY
Number of times that these transport agents have sent out the "NOTIFY=" option.
- TA-SMTP.sent-option-ORCPT
Number of times that these transport agents have sent out the "ORCPT=" option.
- TA-SMTP.SmtpMAIL
Number of times that "MAIL" verb has been sent (or at least tried to.)
- TA-SMTP.SmtpMAILok
Number of times that "MAIL" verb got "ok" result back.
- TA-SMTP.SmtpRCPT
Number of times that "RCPT" verb has been sent (or at least tried to.)
- TA-SMTP.SmtpRCPTok
Number of times that "RCPT" verb got "ok" result back.
- TA-SMTP.SmtpDATA
Number of times that "DATA" verb has been sent (or at least tried to.)
- TA-SMTP.SmtpDATAok
Number of times that "DATA" verb got "ok" result back.
- TA-SMTP.SmtpBDAT
Number of times that "BDAT" verb has been sent (or at least tried to.)

TA-SMTP.SmtpBDATok
 Number of times that "BDAT" verb got "ok" result back.

TA-SMTP.SmtpDATAvolume-kB
 Number of kilobytes written to remote systems within DATA transaction.

TA-SMTP.SmtpBDATvolume-kB
 Number of kilobytes written to remote systems within BDAT transaction.

TA-SMTP.RcptsOk
 Number of recipient addresses that have been diagnosed as successfully processed.

TA-SMTP.RcptsRetry
 Number of recipient addresses that have been diagnosed as needing to be retried.

TA-SMTP.RcptsFail
 Number of recipient addresses that have been diagnosed as unsuccessfully processed.

TA-SMCM.*

SendMail Compatible Mailer transport agent counters and gauges.

TA-SMCM.TaProcessStarts
 Number of times that this transport agent processes type have been started in this system during this SHM blocks lifetime.

TA-SMCM.TaProcCount-G
 Gauge of presently running transport agent processes of this type.

TA-SMCM.TaIdleStates
 Number of times this transport agent process type has been placed into "idle" state by the scheduler.

TA-SMCM.TaMessages
 Number of tasks fed to this transport agent process type by the scheduler.

TA-SMCM.TaDeliveryStarts
 Number of times that this transport agent type has started a delivery on given tasks. This might be lower count, than TaMessages.

TA-SMCM.RcptsOk
 Number of recipient addresses that have been diagnosed as successfully processed.

TA-SMCM.RcptsRetry
 Number of recipient addresses that have been diagnosed as needing to be retried.

TA-SMCM.RcptsFail
 Number of recipient addresses that have been diagnosed as unsuccessfully processed.

TA-MBOX.*

MailBOX transport agent counters and gauges.

TA-MBOX.TaProcessStarts
 Number of times that this transport agent processes type have been started in this system during this SHM blocks lifetime.

TA-MBOX.TaProcCount-G
 Gauge of presently running transport agent processes of this type.

TA-MBOX.TaIdleStates
 Number of times this transport agent process type has been placed into "idle" state by the scheduler.

TA-MBOX.TaMessages
 Number of tasks fed to this transport agent process type by the scheduler.

TA-MBOX.TaDeliveryStarts

Number of times that this transport agent type has started a delivery on given tasks.
This might be lower count, than TaMessages.

TA-MBOX.RcptsOk

Number of recipient addresses that have been diagnosed as successfully processed.

TA-MBOX.RcptsRetry

Number of recipient addresses that have been diagnosed as needing to be retried.

TA-MBOX.RcptsFail

Number of recipient addresses that have been diagnosed as unsuccessfully processed.

TA-HOLD.*

HOLD transport agent counters and gauges.

TA-HOLD.TaProcessStarts

Number of times that this transport agent processes type have been started in this system during this SHM blocks lifetime.

TA-HOLD.TaProcCount-G

Gauge of presently running transport agent processes of this type.

TA-HOLD.TaIdleStates

Number of times this transport agent process type has been placed into "idle" state by the scheduler.

TA-HOLD.TaMessages

Number of tasks fed to this transport agent process type by the scheduler.

TA-HOLD.TaDeliveryStarts

Number of times that this transport agent type has started a delivery on given tasks.
This might be lower count, than TaMessages.

TA-HOLD.RcptsOk

Number of recipient addresses that have been diagnosed as successfully processed.

TA-HOLD.RcptsRetry

Number of recipient addresses that have been diagnosed as needing to be retried.

TA-HOLD.RcptsFail

Number of recipient addresses that have been diagnosed as unsuccessfully processed.

TA-ERRM.*

ERRorMail transport agent counters and gauges.

TA-ERRM.TaProcessStarts

Number of times that this transport agent processes type have been started in this system during this SHM blocks lifetime.

TA-ERRM.TaProcCount-G

Gauge of presently running transport agent processes of this type.

TA-ERRM.TaIdleStates

Number of times this transport agent process type has been placed into "idle" state by the scheduler.

TA-ERRM.TaMessages

Number of tasks fed to this transport agent process type by the scheduler.

TA-ERRM.TaDeliveryStarts

Number of times that this transport agent type has started a delivery on given tasks.
This might be lower count, than TaMessages.

TA-ERRM.RcptsOk
Number of recipient addresses that have been diagnosed as successfully processed.

TA-ERRM.RcptsRetry
Number of recipient addresses that have been diagnosed as needing to be retried.

TA-ERRM.RcptsFail
Number of recipient addresses that have been diagnosed as unsuccessfully processed.

TA-EXPI.*

EXPIrer transport agent counters and gauges.

TA-EXPI.TaProcessStarts
Number of times that this transport agent processes type have been started in this system during this SHM blocks lifetime.

TA-EXPI.TaProcCount-G
Gauge of presently running transport agent processes of this type.

TA-EXPI.TaIdleStates
Number of times this transport agent process type has been placed into "idle" state by the scheduler.

TA-EXPI.TaMessages
Number of tasks fed to this transport agent process type by the scheduler.

TA-EXPI.TaDeliveryStarts
Number of times that this transport agent type has started a delivery on given tasks. This might be lower count, than TaMessages.

TA-EXPI.RcptsOk
Number of recipient addresses that have been diagnosed as successfully processed.

TA-EXPI.RcptsRetry
Number of recipient addresses that have been diagnosed as needing to be retried.

TA-EXPI.RcptsFail
Number of recipient addresses that have been diagnosed as unsuccessfully processed.

TA-RERT.*

RERouTer transport agent counters and gauges.

TA-RERT.TaProcessStarts
Number of times that this transport agent processes type have been started in this system during this SHM blocks lifetime.

TA-RERT.TaProcCount-G
Gauge of presently running transport agent processes of this type.

TA-RERT.TaIdleStates
Number of times this transport agent process type has been placed into "idle" state by the scheduler.

TA-RERT.TaMessages
Number of tasks fed to this transport agent process type by the scheduler.

TA-RERT.TaDeliveryStarts
Number of times that this transport agent type has started a delivery on given tasks. This might be lower count, than TaMessages.

TA-RERT.RcptsOk
Number of recipient addresses that have been diagnosed as successfully processed.

TA-RERT.RcptsRetry
Number of recipient addresses that have been diagnosed as needing to be retried.

TA-RERT.RcptsFail

Number of recipient addresses that have been diagnosed as unsuccessfully processed.

SEE ALSO

mailq(1zm),

AUTHOR

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