Metric

Name Key Agg Type Description

bytes tomcatSurquesItoriganBfetretx.bytes  $\operatorname{sent}$ 

sent

by

 $\operatorname{all}$  $\quad \text{the} \quad$ 

re-

quest pro-

ces-

sors run-

ning on

the Apache

Tom-

 $\operatorname{cat}$ (with-

out head-

ers)

Name Key Agg Type Description

 $error \quad tomcat \textbf{Summon uest one groF} \\ rror$ count requests on all the request processors running on the Apache Tom- $\operatorname{cat}$ container

## processiong cat Surque Atopgo @ssinglationle

 ${\rm time}$ pro-

cessing  ${\rm time}$ 

 $request to mcat {\bf Suppose} to mg \quad Cumulative$ 

 $\operatorname{count}$ 

request  $\operatorname{count}$ of the Apache Tom- $\operatorname{cat}$ con-

tainer

Name Key Agg Type Description

 $bytes \ tomcat \textbf{Suraque Strong} an \textbf{B fetter} x. bytes$ rereceived ceived by  $\operatorname{all}$ the request processors run- $\operatorname{ning}$ on the Apache Tom- $\operatorname{cat}$ container(without headers)

Name Key Agg Type Description

 $tomcat Avegune \cite{Ltoings}.ff \cite{Ltoings}$ max conmaxnecitions mum number of connections that the server will accept and process atany given  ${\rm time}$ 

# $poller\ tomcat \textbf{Athg} ead \textbf{3-qubile} \textbf{T} she$

thread numcount ber
of
threads
used
to
poll
kept
alive
con-

nections

Name Key Agg Type Description

 $max \quad tomcat A \hspace{-0.1cm} \textit{And} \\ gead somme \\ a \hspace{-0.1cm} A \hspace{-0.1cm} \textit{d} \\ ditional$ threadsthreadswill be created up tothe configured maximum

## $current to mcat {A three} ad {\tt Pollulade} Thread$

threads pool busy usage.
Current
worker
threads
busy

## current tomcat A th gead 3 ouble Thread

count

thread pool count us-age.
Current worker threads count

Name Key Agg Type Description

connect ion cat Avg nne D ion M e The $\operatorname{count}$ cur- $\operatorname{rent}$ count of connectionshandled by this  $\quad \text{end-} \quad$ 

## $accept \verb|dom| cat A thgead \verb|dom| accept \verb|dom| cat A thgead \verb|d$

threadnumber count of

> threadstobe used toaccept con-

point

nections

#### $queue\ tomcat Awge cut Dosuble Nuesbær$

size of

taskswaiting tobe pro- $\operatorname{cessed}$ 

Name Key Agg Type Description

 $\max \quad tomcat A \textit{eve} cu \textit{toragu} \textit$ 

queue numsize ber of tasks

> for the pending task queue

 $complete cheat {\bf Sene} cut {\bf Lorage a SN s. monepleted}$ 

task of count tasks

completed by the executor

 $max \quad tomcat Awecu \hbox{\it Loragna} Maximum$ 

threads num-

ber of allocated threads

min tomcatAvvecullornspaldeninium

spare numthreads ber
of
allocated
threads

Name Key Agg Type Description

tomcatAxxecutDosupheNumber pool size of threadsinthe pool  $tomcat A \hspace{-0.1cm} \textbf{A} \hspace{-0.1cm} \textbf{a} \hspace{-0.1cm} \textbf{c} \hspace{-0.1cm} \textbf{u} \hspace{-0.1cm} \textbf{b} \hspace{-0.1cm} \textbf{d} \hspace{-0.1cm} \textbf{G} \hspace{-0.1cm} \text{or} \hspace{-0.1cm} \textbf{e}$ corepool sizeof size the threadpool active tomcatAvecutDosibleNumber threads threadscurrently processinga  $\operatorname{task}$ tomcat Sjspun Longe dThejspunnumload  $_{\rm ber}$  $\operatorname{count}$ of  ${\rm JSPs}$ that have been un-

loaded

Name Key Agg Type Description

jsp tomcatSjsprelbedgd The
reload numcount ber
of
JSPs
that
have
been
reloaded

jsp tomcatSjspnloaddodg The

jsp tomcatSjapnloddadg The loaded numcount ber
of
JSPs
that
have
been
loaded
into
a
webapp

## $procession great Sweeth. e {\tt XeorogioGutinus} at {\tt total}$

 $\begin{array}{c} \text{time} & \text{exe-} \\ \text{cu-} \\ \text{tion} \\ \text{times} \\ \text{of} \\ \text{all} \\ \text{servlets} \\ \text{in} \\ \text{this} \\ \text{con-} \\ \text{text} \end{array}$ 

Metric Name Key Agg Type Description tomcatAvgb.exemgioMaixine.umax max  ${\rm time}$ execution  $_{\rm time}$ of allservletsinthis con- $\operatorname{text}$ tomcatAveb.exemetioMtinimeumin  $\min$  ${\rm time}$ execution time of allservlets in this con- $\operatorname{text}$ error tomcatSweb.ellrong Cumulative  $\operatorname{count}$ error  $\operatorname{count}$ ofall

> servlets in this context

Metric Name Key Type Description Aggrequest tomcat Sweed. respects Cumulative $\operatorname{count}$ quest count of  $\operatorname{all}$  ${\it servlets}$  ${\rm in}$ this con- $\operatorname{text}$ tomcatAvagche.kizzegmakhe max size maxi- $\operatorname{mum}$ size of the  $\operatorname{static}$ resource cachesizetomcatAvagche.kizzng Current size lookup t om cat Sunche. Loodg up N umberof  ${\rm times}$ the cache

was accessed Metric Name Key Agg Type Description

 ${\rm hits}$ tomcatScarche.hiotsg Number of  ${\rm times}$ the cachewas hit tomcatAdagtasdDoodelaCtiveent  $\operatorname{num}$ ac-Active tive tomcat Adag tas during.a a three.maxmax maxactive imum number of active connections that  $\operatorname{can}$ be allocated ${\rm from}$ this pool atthe same time

Name Key Agg Type Description

```
init
          tomcat \pmb{A} \pmb{t} as \pmb{d} \textbf{uncg}. in \pmb{\Pi} \pmb{t} he
size
                                        ini-
                                        tial
                                        num-
                                        \quad \text{ber} \quad
                                        of
                                        con-
                                        nec-
                                        tions
                                        that
                                        are
                                        cre-
                                        {\rm ated}
                                        when
                                        the
                                        pool
                                        is
                                        started
         tomcatAdagtasdung.idThemax
max
idle
                                        max-
                                        i-
                                        \operatorname{mum}
                                        num-
                                        \quad \text{ber} \quad
                                        of
                                        con-
                                        nec-
                                        tions
                                        that
                                        should
                                        be
                                        kept
                                        in
                                        the
                                        \operatorname{pool}
                                        at
                                        all
                                        {\rm times}
```

Name Key Agg Type Description

```
tomcatAdagtasdDoordelleThe
num
idle
                                        num-
                                        _{\rm ber}
                                        of
                                        es-
                                        \operatorname{tab}-
                                        lished
                                        con-
                                        nec-
                                        tions
                                        in
                                        the
                                        pool
                                        that
                                        are
                                        idle
          tomcat \pmb{A} dagtas \pmb{dung}. id \pmb{\Pi} \textbf{e} \textbf{.} \textbf{e} n in
\min
idle
                                        min-
                                        i-
                                        mum
                                        num-
                                        ber
                                        of
                                        es-
                                        \operatorname{tab}-
                                        lished
                                        con-
                                        nec-
                                        {\rm tions}
                                        that
                                        should
                                        be
                                        kept
                                        in
                                        the
                                        pool
                                        at
                                        \operatorname{all}
                                        {\rm times}
```

Name Key Agg Type Description

 $rejected om cat {\color{red}Sumsion Lorrejed Headv}$ ofsessions  ${
m ten}$ was a configured max-Ac- ${\bf tive Ses-}$ sionslimitreached

# $procession \verb|gcatSams| io \verb|lopgoc| \textit{Testial} | g.time$

time pro-

cessing time since startup, cumu-

lated elapsed milliseconds needed for ses-

sion expiration handling.

Name Key Agg Type Description

 $created om cat {\bf Surssion Isong} \quad Total$ numsessions  $_{\rm ber}$ of ses- $\operatorname{sions}$ cre- ${\rm ated}$  $\quad \text{since} \quad$  $\operatorname{startup}$ 

## $expired om cat {\bf Seess} io {\bf Mong} pi {\bf Ned} mber$

sesof sions sessions that expired (doesn't include explicit invalida-

tions)

Name Key Agg Type Description

session to mcat Ascession Londive Minascumentfrommax alive ses- $_{\rm time}$ sion creation  $\quad \text{to} \quad$ expira- ${\rm tion}$ (be itlogout or sessionidletimeout) tomcat Asegsio Doubtle Marxax max acnum- ${\rm tive}$  ${\rm ber}$ of

> concurrent active sessions

Name Key Agg Type Description

active tomcat Assession Doublie Number sessions of sions active sessions at this moment

## $session tomcat \pmb{A\!s\!e\!g\!s} io \pmb{I\!s\!balli} ve \pmb{A\!v\!e\!r\!a} ge$

av- time
er- an
age exalive pired
time session
had
been
alive