title: Tomcat Monitoring Integration description: Monitor your Tomcat Java Servlet Containers with Sematext Infrastructure and Application Monitoring tools. Collaborate across server, web, and database devops teams, easily customize alerts, reports, and dashboards for your enterprise-wide needs, and get insightful visualizations and timely alerts for your Tomcat server metrics

Integration

 $\bullet \ \ Instructions: \ https://apps.sematext.com/ui/howto/Tomcat/overview$

Metrics

cache Number of times the cache was accessed lookupstomcat.cache.lookups (long counter) cache hitstomcat.cache.hits (long counter) sizetomcat.cache.size (long gauge) (bytes) max cache The maximum size of the static resource cache (long gauge) (bytes) datasource connection init sizetomcat.datasource.init (long gauge) max active connectionstomcat.datasource.active.maxonnections that can be allocated from (long gauge) times (long gauge) times (long gauge) max idle datasource.cidle.max (long gauge) times (long gauge) times (long gauge) times (long gauge) pool at all times (long gauge) pool at all times (long gauge) connectionstomcat.datasource.active.datasource.idle.min (long gauge) pool at all times (long gauge) (long gauge) pool at all times (long gauge) (long gauge) pool at all times (long gauge) (long gauge) (long gauge) pool at all times (long gauge)	Metric Name Key (Type) (Unit)	Description
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Metric Name Key (Type) (Unit) Description executor completed Number of tasks completed by the taskstomcat.executors.tasks.completedor (long counter) executor core thread pool Core size of the thread pool sizetomcat.executors.core (long gauge) Maximum number of tasks for the executor max queue sizetomcat.executors.queue.size.mpaxding task queue (long gauge) max executor Maximum number of allocated threads threads tomcat.executors.max(long gauge) min spare executor Minimum number of allocated threads threadstomcat.executors.spare.min (long gauge) executor threads pool Number of threads in the pool sizetomcat.executors.pool (long qauqe) Number of tasks waiting to be processed executor queuetomcat.executors.queue.size (long gauge) requeststomcat.requests (long Cumulative request count of the Apache counter) Tomcat container Bytes received by all the request bytes received**tomcat.requests.transfer.rx.pbytes**sors running on the Apache (long counter) (bytes) Tomcat container (without headers) bytes Bytes sent by all the request processors senttomcat.requests.transfer.tx.bytesing on the Apache Tomcat (long counter) (bytes) (without headers) req processing Cumulated processing time timetomcat.requests.processing.time (long counter) (ms) error Error count on all the request requeststomcat.requests.errors processors running on the Apache (long counter) Tomcat container isp loaded The number of JSPs that have been counttomcat.jsp.loaded (long loaded into a webapp counter) The number of JSPs that have been jsp reload counttomcat.jsp.reloaded (long reloaded counter)jsp unload The number of JSPs that have been counttomcat.jsp.unloaded (long unloaded

counter)

Metric Name Key (Type) (Unit)	Description
session average alive	Average time an expired session had
time tom cat.sessions.alive.time	been alive
$(long\ gauge)\ (ms)$	
rejected ses-	How often was a configured
sionstomcat.sessions.rejected	maxActiveSessions limit reached
(long counter)	
session max alive	Measured from session creation to
timetomcat.sessions.alive.time.m	axpiration (be it logout or session idle
$(long\ gauge)\ (ms)$	timeout)
session processing	Total processing time since startup
timetomcat.sessions.processing.t	
$(long\ counter)\ (ms)$	
active	Number of active sessions at this
sessionstomcat.sessions.active	moment
(long gauge)	
expired	Number of sessions that expired
sessions tom cat. sessions. expired	(doesn't include explicit invalidations)
(long counter)	
max active ses-	Max number of concurrent active
sions tomcat. sessions. active. max	sessions
(long gauge)	
created sessionstomcat.sessions	Total number of sessions created since
(long counter)	startup
current busy	Thread pool usage. Current worker
threads tomcat.threads.busy	threads busy count
(long gauge)	
current threadstomcat.threads	Thread pool usage. Current worker
(long gauge)	threads count
max	Additional threads will be created up to
threadstomcat.threads.max	the configured maximum
(long gauge)	
poller thread	The number of threads used to poll kept
counttomcat.threads.pollers	alive connections
(long gauge)	
acceptor	The number of threads to be used to
threadstomcat.threads.acceptors	accept connections
(long gauge)	
max connec-	The maximum number of connections
tions tom cat. connections. max	that the server will accept and process
(long gauge)	at any given time
connections tomcat.connections	The current count of connections
(long gauge)	handled by this endpoint
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Metric Name Key (Type) (Unit)	Description	
max servlet processing	Maximum execution time of all servlets	
timetomcat.web.execution.time.miaxhis context		
(long gauge) (ms)		
servlet errorstomcat.web.errors	Cumulative error count of all servlets in	
(long counter)	this context	
servlets processing	Cumulative execution times of all	
timetomcat.web.execution.time.tctatlets in this context		
(long counter) (ms)		
min servlet processing	Minimum execution time of all servlets	
timetomcat.web.execution.time.minthis context		
(long gauge) (ms)		
servlet	Cumulative request count of all servlets	
requeststomcat.web.requests	in this context	
(long counter)		