

Integration

- Instructions: <https://apps.sematext.com/ui/howto/Tomcat/overview>

Metrics

Metric				
Name	Key	Agg	Type	Description
bytes sent	tomcat	sum	long	Bytes sent by all the request processors running on the Apache Tomcat (without headers)

Metric				
Name	Key	Agg	Type	Description
error-re-quests	tomcat	Sum	Integer	Error count on all the request processors running on the Apache Tomcat container
processing-time	tomcat	Sum	Long	Cumulative processing time
request-count	tomcat	Sum	Long	Cumulative request count of the Apache Tomcat container

Metric				
Name	Key	Agg	Type	Description
bytes re- ceived	tomcat	sum	long	Bytes received by all the re- quest pro- ces- sors run- ning on the Apache Tom- cat con- tainer (with- out head- ers)

Metric				
Name	Key	Agg	Type	Description
max con- nec- tions	tomcat	avg	connections	The max- i- mum num- ber of con- nec- tions that the server will ac- cept and pro- cess at any given time
poller thread count	tomcat	avg	poller	The num- ber of threads used to poll kept alive con- nec- tions

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Metric				
Name	Key	Agg	Type	Description
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max threads	tomcat	avg	Integer	Additional threads will be created up to the configured maximum
current threads busy	tomcat	avg	Double	Thread pool usage. Current worker threads busy count
current thread count	tomcat	avg	Double	Thread pool usage. Current worker threads count

Metric				
Name	Key	Agg	Type	Description
connection count	tomcat	Avg	Double	The current count of connections handled by this endpoint
acceptor thread count	tomcat	Avg	Double	The number of threads to be used to accept connections
queue size	tomcat	Avg	Double	Number of tasks waiting to be processed

Metric				
Name	Key	Agg	Type	Description
max queue size	tomcat	Avg	Long	Maximum number of tasks for the pending task queue
completed task count	tomcat	Sum	Long	Number of tasks completed by the executor
max threads	tomcat	Avg	Long	Maximum number of allocated threads
min spare threads	tomcat	Avg	Long	Minimum number of allocated threads

Metric				
Name	Key	Agg	Type	Description
pool size	tomcat	Avg	Double	Number of threads in the pool
core pool size	tomcat	Avg	Double	Core size of the thread pool
active threads	tomcat	Avg	Double	Number of threads currently processing a task
jsp un-load count	tomcat	Sum	Long	The number of JSPs that have been unloaded

Metric				
Name	Key	Agg	Type	Description
jsp reload count	tomcat	sum	reload	The number of JSPs that have been reloaded
jsp loaded count	tomcat	sum	loaded	The number of JSPs that have been loaded into a webapp
processing time	tomcat	sum	webapp	Cumulative execution times of all servlets in this context

Metric				
Name	Key	Agg	Type	Description
max time	tomcat	Avg	Long	Maximum execution time of all servlets in this context
min time	tomcat	Avg	Long	Minimum execution time of all servlets in this context
error count	tomcat	Sum	Long	Cumulative error count of all servlets in this context

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Metric				
Name	Key	Agg	Type	Description
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request count	tomcat	Sum	requests	Cumulative re-quest count of all servlets in this con-text
max size	tomcat	Max	size	The max-i-mum size of the static re-source cache
size	tomcat	Size	size	Current size
lookups	tomcat	Sum	lookups	Number of times the cache was ac-cessed

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Metric				
Name	Key	Agg	Type	Description
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hits	tomcat	Cache.Hits	Long	Number of times the cache was hit
num active	tomcat	ActiveConnections	Double	Current Active
max active	tomcat	ActiveConnections	Long	The maximum number of active connections that can be allocated from this pool at the same time

Metric				
Name	Key	Agg	Type	Description
init size	tomcat	avg	long	The initial number of connections that are created when the pool is started
max idle	tomcat	avg	long	The maximum number of connections that should be kept in the pool at all times

Metric				
Name	Key	Agg	Type	Description
num idle	tomcat	avg	Double	The number of established connections in the pool that are idle
min idle	tomcat	avg	Double	The minimum number of established connections that should be kept in the pool at all times

Metric				
Name	Key	Agg	Type	Description
rejected-domcat-sessions	Session	Long	Integer	How often was a configured max-ActiveSessions limit reached
processing-time	Session	Long	Time	Time since startup, cumulated elapsed milliseconds needed for session expiration handling.

Metric				
Name	Key	Agg	Type	Description
createdomcatSessions	catSessions	sum	Long	Total number of sessions created since startup
expiredomcatSessions	catSessions	sum	Long	Number of sessions that expired (doesn't include explicit invalidations)

Metric				
Name	Key	Agg	Type	Description
sessiontomcat	session	Long	Min	Max
max				from
alive				ses-
time				sion
				cre-
				ation
				to
				ex-
				pi-
				ra-
				tion
				(be
				it
				lo-
				gout
				or
				ses-
				sion
				idle
				time-
				out)
max	tomcat	session	Double	Max
ac-				num-
tive				ber
				of
				con-
				cur-
				rent
				ac-
				tive
				ses-
				sions

Metric				
Name	Key	Agg	Type	Description
active tomcat sessions	sessionid	count	Double	Number of active sessions at this moment
sessiontomcat average alive time	sessionid	avg	Long	Average time an expired session had been alive