title: Akka performance monitoring description: Sematext APM monitoring integration for Akka actors, dispatchers, and routers reports as well as OS, JVM heap, garbage collection, class loading, threads, memory pool, and other real-time visualizations with dashboards, notification channels and alerts.

## Integration

• Instructions: https://apps.sematext.com/ui/howto/Akka/overview

## Metrics

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min value akka.custom.min.max.counter.min Min Long max value akka.custom.histogram.max Max Long min value akka.custom.gauge.min Min Long	max value	akka.custom.gauge.max	Max	Long	
max value akka.custom.histogram.max Max Long min value akka.custom.gauge.min Min Long	50%	akka.custom.histogram.p50	Avg	Long	
max value akka.custom.histogram.max Max Long min value akka.custom.gauge.min Min Long	min value	akka.custom.min.max.counter.min	Min	Long	
0 0	max value	akka.custom.histogram.max	Max	_	
'queued tasks' akka.dispatcher.fj.tasks.queued Max Long	min value	akka.custom.gauge.min	Min	Long	
	'queued tasks'	akka.dispatcher.fj.tasks.queued	Max	Long	

Metric Name	Key	Agg	Type	Description
'core pool size'	akka.dispatcher.executor.pool.core	Max	Long	
'pool size'	akka.dispatcher.executor.pool	Max	Long	
'max pool size'	akka.dispatcher.executor.pool.max	Max	Long	
'active threads'	akka.dispatcher.executor.threads.active	Max	Long	
'parallelism'	akka.dispatcher.fj.parallelism	Max	Long	
'processed tasks'	akka.dispatcher.executor.tasks.processed	Max	Long	
'running threads'	akka.dispatcher.fj.threads.running	Max	Long	
'min'	akka.router.processing.time.min	Min	Long	
'min'	akka.router.routing.time.min	Min	Long	
'min'	akka.router.mailbox.time.min	Min	Long	
'count'	akka.router.processing.errors	$\operatorname{Sum}$	Long	
'max'	akka.router.routing.time.max	Max	Long	
'max'	akka.router.processing.time.max	Max	Long	
'max'	akka.router.mailbox.time.max	Max	Long	

## FAQ

Some of the charts show metrics that are available only if you are using Kamon 0.6.x. In Kamon 1.x some of those metrics have been removed.

<sup>\*\*</sup> Why are some of the metric charts empty? \*\*