title: JVM Monitoring Integration description: Sematext Java application performance monitoring provides real time reports on JVM pool size, utilization and threads, garbage collectors, JVM open files, memory and resource usage, and more. Correlate them with other infrastructure metrics (server, virtualization, logs, etc.), and use proactive alerts and intuitive dashboards for rapid problem diagnosis at JVM level

Integration

- JVM Monitoring: https://sematext.com/java-monitoring/
- Instructions: https://apps.sematext.com/ui/howto/JVM/overview

Metrics

Metric Name Key *(Type) (Unit)*	Description
gc collection count**jvm.gc.collection.count** *(long counter)*	count of GC collections
gc collection time**jvm.gc.collection.time** *(long counter) (ms)*	duration of GC collections
open files**jvm.files.open** *(long gauge)*	jvm currently open files
max open files**jvm.files.max** *(long gauge)*	jvm max open files limit
jvm heap used**jvm.heap.used** *(long gauge) (bytes)*	jvm heap used memory
jvm non-heap used**jvm.nonheap.used** *(long gauge) (bytes)*	jvm non-heap used memory
jvm pool used**jvm.pool.used** *(long gauge) (bytes)*	jvm pool used memory
jvm pool used max**jvm.pool.max** *(long gauge) (bytes)*	jvm pool max memory
jvm threads**jvm.threads** *(long gauge)*	current jvm thread count
jvm peak threads**jvm.threads.peak** *(long gauge)*	peak jvm thread count
jvm daemon threads**jvm.threads.deamon** *(long gauge)*	current jvm daemon thread count
jvm total started threads**jvm.threads.started.total** *(long gauge)*	total started jvm thread count