Integration

- Instructions: https://apps.sematext.com/ui/howto/Spark/overview

Metrics

Metric Name	Key	Agg	Type	Description
last received delay	spark.batches.received.processing.delay	Avg	Long	
unprocessed batches	spark.batches.unprocessed	Sum	Long	
running batches	spark.batches.running	Avg	Long	
receivers	spark.receivers	Avg	Long	
last received delay	spark.batches.received..scheduling.delay	Avg	Long	
waiting batches	spark.batches.waiting	Avg	Long	
last completed delay	spark.batches.completed.scheduling.delay	Avg	Long	
retained completed batches	spark.batches.completed.retained	Sum	Long	
total completed batches	spark.batches.completed	Sum	Long	
last completed delay	spark.batches.completed.processing.delay	Avg	Long	
active jobs	spark.jobs.active	Avg	Long	
waiting stages	spark.stages.waiting	Avg	Long	
driver memory used	spark.driver.disk.used	Avg	Long	
all jobs	spark.jobs	Avg	Long	
driver memory used	spark.driver.memory.used	Avg	Long	
failed stages	spark.stages.failed	Sum	Long	
driver max memory	spark.driver.memory.total	Avg	Long	
driver remaining memory	spark.driver.memory.free	Avg	Long	
running stages	spark.stages.running	Avg	Long	
executors	spark.executors	Avg	Long	
cores free	spark.cores.free	Avg	Long	
worker used memory	spark.worker.memory.used	Avg	Long	
worker free memory	spark.worker.memory.free	Avg	Long	
cores used	spark.cores.used	Avg	Long	
waiting apps	spark.apps.waiting	Avg	Long	
apps	spark.apps	Avg	Long	
workers	spark.workers	Avg	Long	
read ops	spark.executor.hdfs.reads	Sum	Long	
current pool size	spark.executor.pool.size	Avg	Long	
write ops	spark.executor.file.writes	Sum	Long	
large read ops	spark.executor.hdfs.reads.large	Sum	Long	
complete tasks	spark.executor.tasks.completed	Sum	Long	
large read ops	spark.executor.file.reads.large	Sum	Long	
read ops	spark.executor.file.reads	Sum	Long	
write ops	spark.executor.hdfs.writes	Sum	Long	
active tasks	spark.executor.tasks.active	Avg	Long	
read bytes	spark.executor.file.read.bytes	Sum	Long	

Metric Name	Key	Agg	Type	Description
read bytes	spark.executor.hdfs.read.bytes	Sum	Long	
write bytes	spark.executor.hdfs.write.bytes	Sum	Long	
write bytes	spark.executor.file.write.bytes	Sum	Long	
completed	spark.application.stages.completed	Sum	Long	
failed	spark.application.tasks.failed	Sum	Long	
total	spark.application.tasks.total	Avg	Long	
skipped	spark.application.tasks.skipped	Sum	Long	
active	spark.application.tasks.active	Avg	Long	
completed	spark.application.tasks.completed	Sum	Long	
active	spark.application.stages.active	Avg	Long	
skipped	spark.application.stages.skipped	Sum	Long	
failed	spark.application.stages.failed	Sum	Long	
uncompleted apps	spark.applications.uncompleted	Avg	Long	
output bytes	spark.application.stage.output.bytes	Sum	Long	
disk bytes	spark.application.stage.disk.bytes.spilled	Sum	Long	
failed	spark.application.stage.tasks.failed	Sum	Long	
read bytes	spark.application.stage.shuffle.read.bytes	Sum	Long	
input bytes	spark.application.stage.input.bytes	Sum	Long	
output records	spark.application.stage.output.records	Sum	Long	
memory bytes	spark.application.stage.memory.bytes.spilled	Sum	Long	
write bytes	spark.application.stage.shuffle.write.bytes	Sum	Long	
read records	spark.application.stage.shuffle.read.records	Sum	Long	
input records	spark.application.stage.input.records	Sum	Long	
active	spark.application.stage.tasks.active	Avg	Long	
completed	spark.application.stage.tasks.completed	Sum	Long	
write records	spark.application.stage.shuffle.write.records	Sum	Long	
disk used	spark.application.rdd.storage.partitions.cached	Avg	Long	
memory used	spark.application.rdd.storage.memory.used	Avg	Long	
disk used	spark.application.rdd.storage.disk.used	Avg	Long	
partitions	spark.application.rdd.storage.partitions	Avg	Long	
input bytes	spark.application.executor.input.bytes	Sum	Long	
shuffle write	spark.application.executor.shuffle.write	Sum	Long	
failed	spark.application.executor.tasks.failed	Sum	Long	
active	spark.application.executor.tasks.active	Avg	Long	
duration	spark.application.executor.duration	Sum	Long	
cores	spark.application.executor.cores	Avg	Long	
total	spark.application.executor.tasks.total	Sum	Long	
shuffle read	spark.application.executor.shuffle.read	Sum	Long	
memory used	spark.application.executor.memory.used	Avg	Long	
max tasks	spark.application.executor.tasks.max	Max	Long	
completed	spark.application.executor.tasks.completed	Sum	Long	
disk used	spark.application.executor.disk.used	Avg	Long	
mex memory	spark.application.executor.max.memory	Max	Long	
gc time	spark.application.executor.gc.time	Sum	Long	

Metric Name	Key	Agg	Type	Description
rdd blocks	spark.application.executor.rdd.blocks	Avg	Long	