Java Performance Tuning

Java Performance by Charlie Hunt

# Java Runtime Subsystems

$ java -XX:+PrintFlagsFinal -XX:+PrintGCDetails -version | less

vmstat 5

mpstat –P ALL 5

pidstat

/proc/cpuinfo

Nicstat

VisualGC Plugin for VisualVM

JstatD

Print GC log details

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-XX:+UnlockDiagnosticVMOptions

-XX:+PrintCompilation -XX:+PrintInlining

-XX:+PrintGCDateStamps -XX:+PrintGCTimeStamps

-XX:+PrintGCApplicationStoppedTime

-XX:+PrintGCApplicationConcurrentTime

-XX:+PrintTenuringDistribution

-XX:+PrintAdaptiveSizePolicy

-Xloggc:/kaaj/source/blog/docs/java-performance/algo-gc.log

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