



Applications ×

Local

IntelliJ IDEA CE (pid 52595)

VisualVM

org.jetbrains.jps.cmdline.Launcher (pid 1609)

ru.job4j.gc.prof.GarbMainMenu (pid 1610)

Remote

VM Coredumps

JFR Snapshots

Snapshots

VisualVM, 9:10:04 PM

Start Page ×

ru.job4j.gc.prof.GarbMainMenu (pid 1610) ×

Overview

Monitor

Threads

Sampler

Profiler

## ru.job4j.gc.prof.GarbMainMenu (pid 1610)

Monitor

☒ CPU☐ Memory☐ Classes☐ Threads

Uptime: 4 min 36 sec

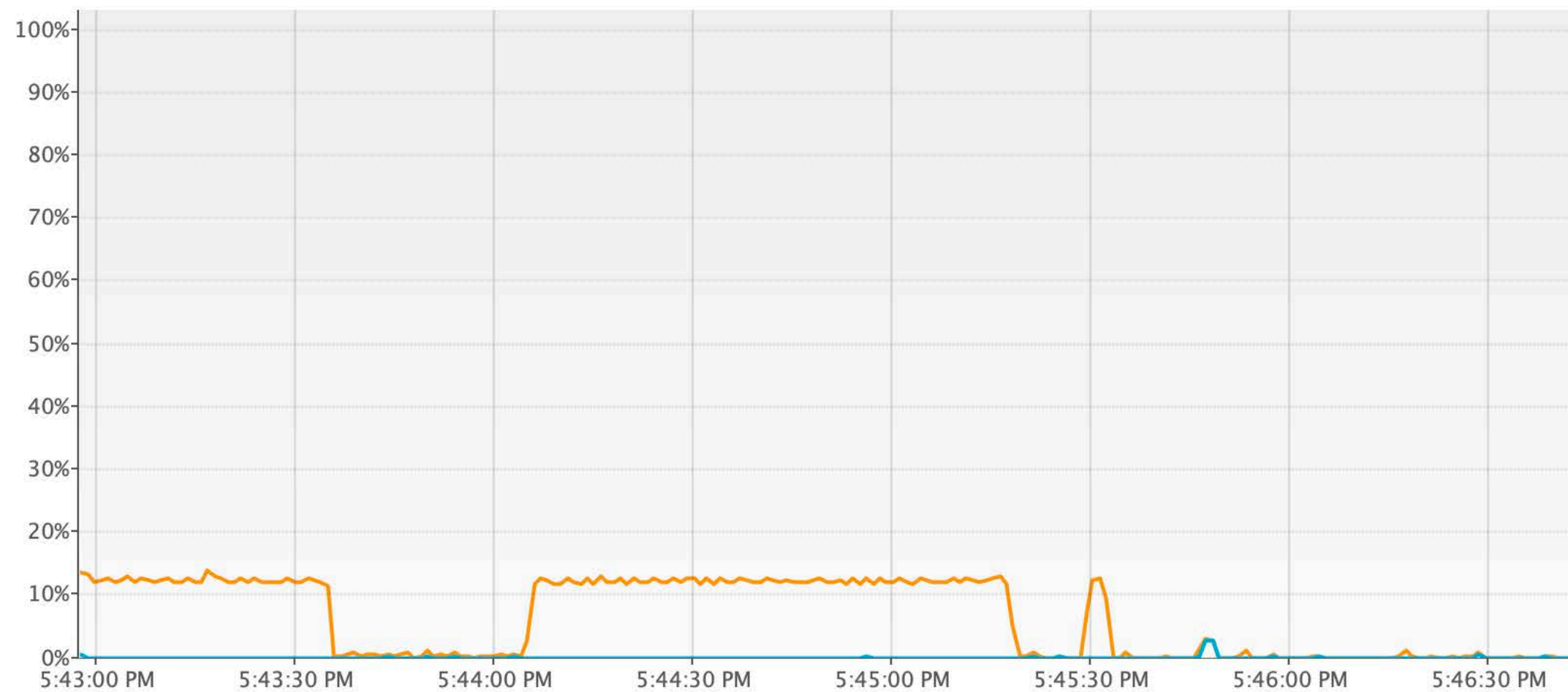
Perform GC

Heap Dump

CPU

CPU usage: 0.1%

GC activity: 0.0%



CPU usage GC activity



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Overview



Monitor



Threads



Sampler



Profiler



ru.job4j.gc.prof.GarbMainMenu (pid 1610)

Monitor



CPU



Memory



Classes



Threads

Uptime: 4 min 44 sec

Perform GC

Heap Dump

Heap

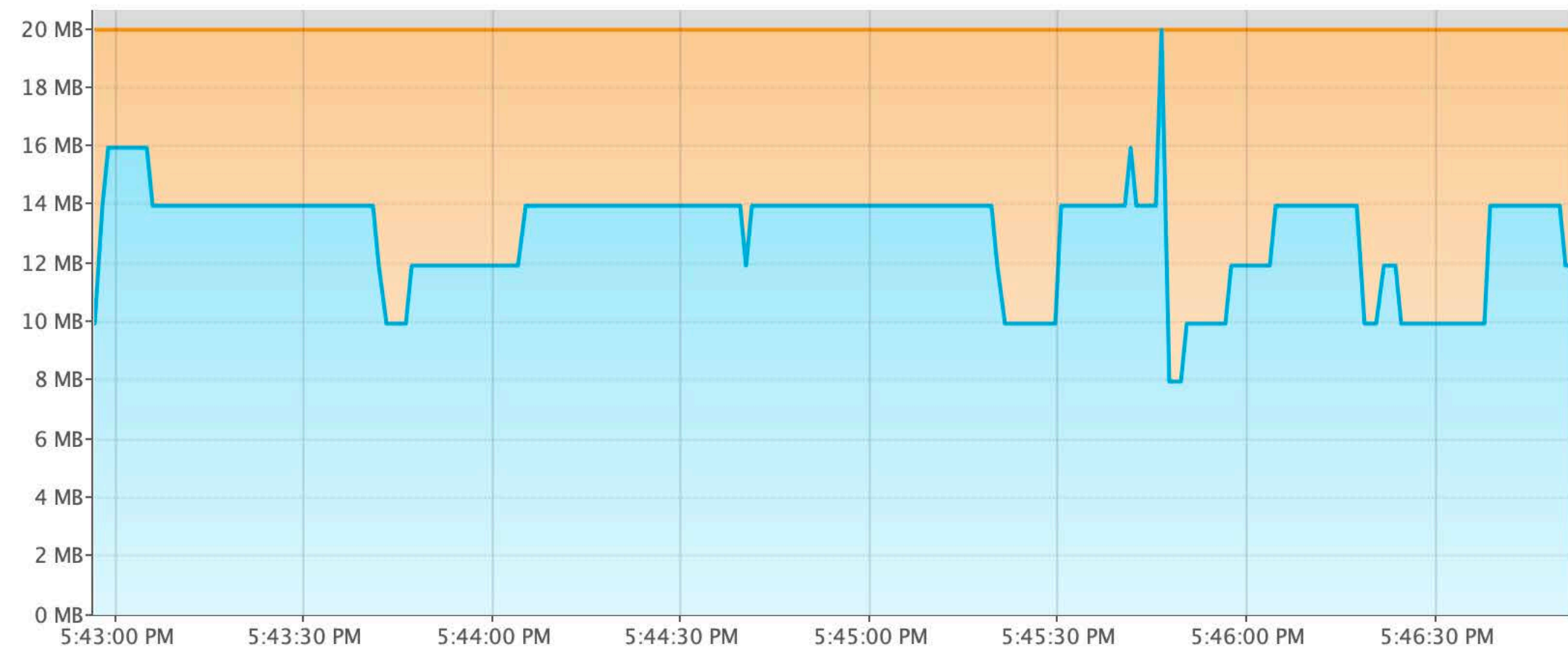
Metaspace



Size: 20,971,520 B

Used: 12,582,912 B

Max: 20,971,520 B



■ Heap size ■ Used heap



Applications x

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Start Page x

ru.job4j.gc.prof.GarbMainMenu (pid 1610) x

Overview

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## ru.job4j.gc.prof.GarbMainMenu (pid 1610)

Sampler

Settings

Sample:

CPU

Memory

Stop

Status: memory sampling in progress

Heap histogram

Per thread allocations

Results:



Collected data:

Snapshot

Perform GC

Heap Dump

Name	Live Bytes	Live Objects
byte[]	1,212,432 B (20.5%)	17,375 (20.9%)
int[]	1,064,872 B (18%)	529 (0.6%)
java.lang.String	526,496 B (8.9%)	16,453 (19.8%)
java.lang.Class	515,576 B (8.7%)	2,729 (3.3%)
java.lang.Object[]	316,776 B (5.3%)	3,470 (4.2%)
java.util.HashMap\$Node	200,760 B (3.4%)	5,019 (6.1%)
java.util.HashMap\$Node[]	175,776 B (3%)	828 (1%)
java.util.concurrent.ConcurrentHashMap\$Node	160,120 B (2.7%)	4,003 (4.8%)
java.lang.reflect.Method	110,304 B (1.9%)	766 (0.9%)
char[]	78,896 B (1.3%)	241 (0.3%)
java.util.concurrent.ConcurrentHashMap\$Node[]	74,928 B (1.3%)	91 (0.1%)
java.util.ImmutableCollections\$List12	68,128 B (1.1%)	2,129 (2.6%)
java.lang.String[]	52,576 B (0.9%)	1,119 (1.3%)
java.util.LinkedHashMap\$Entry	51,856 B (0.9%)	926 (1.1%)
jdk.jfr.AnnotationElement	45,440 B (0.8%)	1,420 (1.7%)
java.lang.invoke.MemberName	38,528 B (0.7%)	602 (0.7%)
java.util.HashMap	37,248 B (0.6%)	582 (0.7%)