

Testovanie scenára false pre debug taktiku s logmi

OS: windows 10 version 10.0.16299 amd64 processors 4

Vývojové prostredie: Eclipse

Nástroj: Yourkit

Stav pred spustením taktiky:

1. Heap memory:

- 72 mb allocated
- 40 mb used
- Limit 1.8 GB

2. Non – Heap memory:

- 38mb allocated
- 37mb used
- Limit unknown

3. Garbage collection:

- 1/s
- Collections: 282
- Time: 0s

4. Classes:

- Currently loaded: 3486

5. CPU usage telemetry

- CPU time (user + kernel): 14% - 47%
- CPU time (kernel): 0%- 3%
- Time spent in GC: 0%

6. Threads

- 13 threads
- 9 daemon threads
- 14 peak
- Total created 18

Stav počas spustenej taktiky:

1. Heap memory:

- a. 61-73mb allocated
- b. 36 mb used
- c. Limit 1.8 GB

2. Non – Heap memory:

- a. 41mb allocated
- b. 40mb used
- c. Limit unknown

3. Garbage collection:

- a. 1/s
- b. Collections: 642
- c. Time: 1s

4. Classes:

- a. Currently loaded: 3540

5. CPU usage telemetry

- a. CPU time (user + kernel): 14% - 47%
- b. CPU time (kernel): 0%- 3%
- c. Time spent in GC: 0%

6. Threads

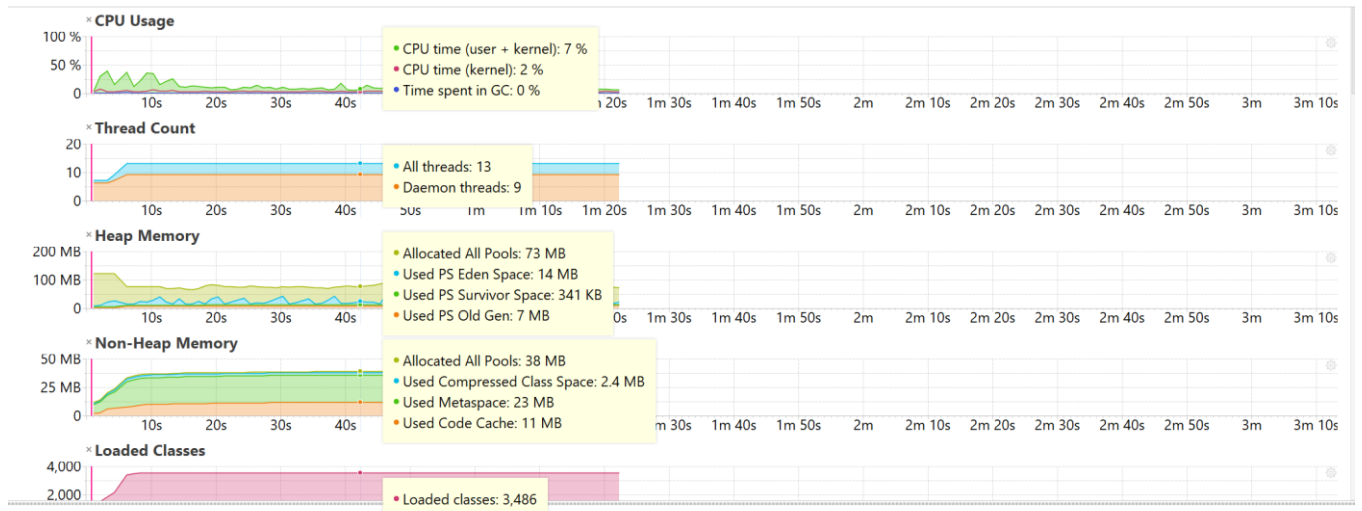
- a. 13 threads
- b. 9 daemon threads
- c. 14 peak
- d. Total created 18

Runtime & Agent		
Java Virtual Machine: Java HotSpot(TM) 64-Bit Server VM; 1.8.0_161; 25.161-b12; mixed mode		
Vendor: Oracle Corporation		
Start time: May 6, 2018 10:15:25 PM		
Uptime: 38s		
CPU time: 23s		
Command line: C:\Program Files\Java\jre1.8.0_161\bin\javaw.exe -agentpath:C:\ProgramData\YourKit\2017.02.75.8EA557DF\64\jypagent.dll=sampling_ide_project_name=Jim,sessionname=Main,profiler_dir=Y\PQUOTE...		
VM arguments: -agentpath:C:\ProgramData\YourKit\2017.02.75.8EA557DF\64\jypagent.dll=sampling_ide_project_name=Jim,sessionname=Main,profiler_dir=Y\PQUOTE433a5c50726f772616d2046696c65735c596f75...		
Class path: C:\Program Files\Java\jre1.8.0_161\lib\resources.jar;C:\Program Files\Java\jre1.8.0_161\lib\rt.jar;C:\Program Files\Java\jre1.8.0_161\lib\sse.jar;C:\Program Files\Java\jre1.8.0_161\lib\jce.jar;C:\Program Files\...		
Boot class path: C:\Program Files\Java\jre1.8.0_161\lib\resources.jar;C:\Program Files\Java\jre1.8.0_161\lib\rt.jar;C:\Program Files\Java\jre1.8.0_161\lib\sunsasign.jar;C:\Program Files\Java\jre1.8.0_161\lib\sse.jar;C:\Progra...		
Library path: C:\Program Files\Java\jre1.8.0_161\bin;C:\Windows\Sun\Java\bin;C:\Windows\system32;C:\Windows;C:\Program Files\Java\jre1.8.0_161\bin;server;C:\Program Files\Java\jre1.8.0_161\bin;C:\Program Files\...		
System properties: ...		
Agent version: YourKit Java Profiler 2017.02-b75		
Agent mode: Loaded on start		
Heap Memory	Non-Heap Memory	Garbage Collector
Used: 40 MB	Used: 37 MB	Collections: 66
Allocated: 72 MB	Allocated: 38 MB	Time: 0s
Limit: 1.8 GB	Limit: unknown	
Classes	Threads	Operating System
Currently loaded: 3,486	Currently live: 13	Name: Windows 10
Total unloaded: 0	Currently live daemons: 9	Version: 10.0.16299
	Peak: 14	Architecture: amd64
	Total created: 18	Processors: 4

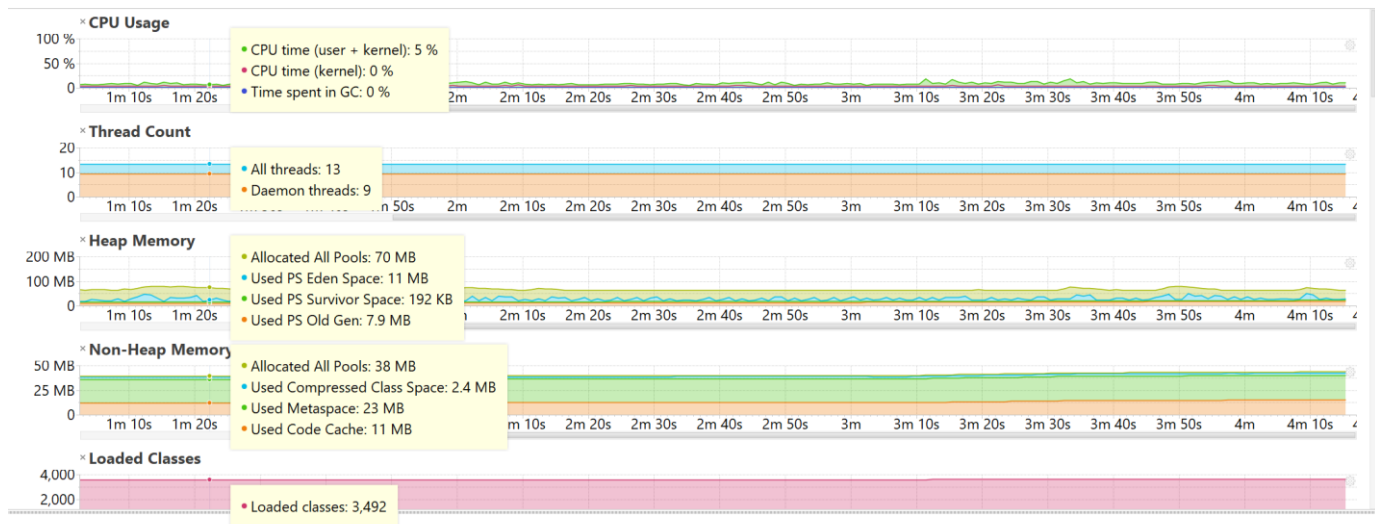
Obrázok 1 Summary Pred

Runtime & Agent		
Java Virtual Machine: Java HotSpot(TM) 64-Bit Server VM; 1.8.0_161; 25.161-b12; mixed mode		
Vendor: Oracle Corporation		
Start time: May 6, 2018 10:15:25 PM		
Uptime: 3m 34s		
CPU time: 1m 17s		
Command line: C:\Program Files\Java\jre1.8.0_161\bin\javaw.exe -agentpath:C:\ProgramData\YourKit\2017.02.75.8EA557DF\64\jypagent.dll=sampling_ide_project_name=Jim,sessionname=Main,profiler_dir=Y\PQUOTE...		
VM arguments: -agentpath:C:\ProgramData\YourKit\2017.02.75.8EA557DF\64\jypagent.dll=sampling_ide_project_name=Jim,sessionname=Main,profiler_dir=Y\PQUOTE433a5c50726f772616d2046696c65735c596f75...		
Class path: C:\Program Files\Java\jre1.8.0_161\lib\resources.jar;C:\Program Files\Java\jre1.8.0_161\lib\rt.jar;C:\Program Files\Java\jre1.8.0_161\lib\sse.jar;C:\Program Files\Java\jre1.8.0_161\lib\jce.jar;C:\Program Files\...		
Boot class path: C:\Program Files\Java\jre1.8.0_161\lib\resources.jar;C:\Program Files\Java\jre1.8.0_161\lib\rt.jar;C:\Program Files\Java\jre1.8.0_161\lib\sunsasign.jar;C:\Program Files\Java\jre1.8.0_161\lib\sse.jar;C:\Progra...		
Library path: C:\Program Files\Java\jre1.8.0_161\bin;C:\Windows\Sun\Java\bin;C:\Windows\system32;C:\Windows;C:\Program Files\Java\jre1.8.0_161\bin;server;C:\Program Files\Java\jre1.8.0_161\bin;C:\Program Files\...		
System properties: ...		
Agent version: YourKit Java Profiler 2017.02-b75		
Agent mode: Loaded on start		
Heap Memory	Non-Heap Memory	Garbage Collector
Used: 41 MB	Used: 40 MB	Collections: 619
Allocated: 72 MB	Allocated: 41 MB	Time: 1s
Limit: 1.8 GB	Limit: unknown	
Classes	Threads	Operating System
Currently loaded: 3,540	Currently live: 13	Name: Windows 10
Total unloaded: 0	Currently live daemons: 9	Version: 10.0.16299
	Peak: 14	Architecture: amd64
	Total created: 18	Processors: 4
Automatic Deobfuscator		

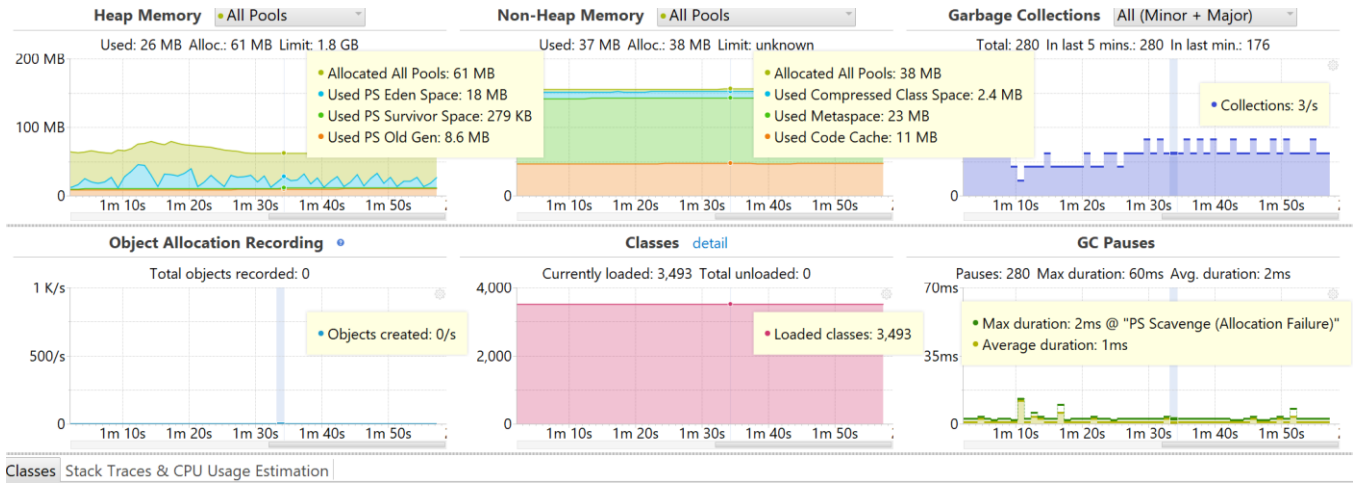
Obrázok 2 Summary Po



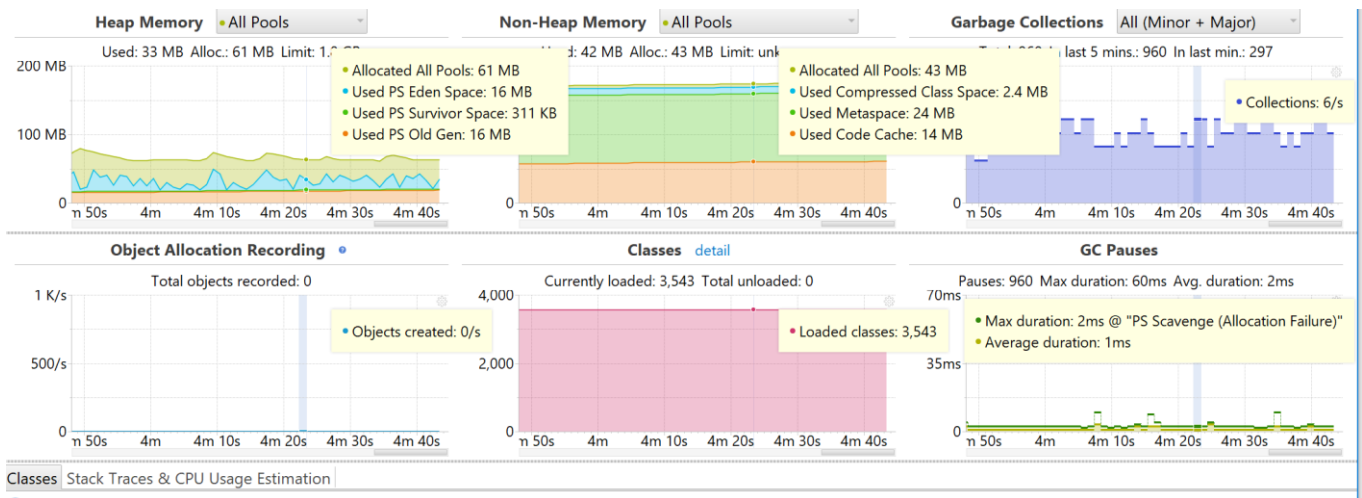
Obrázok 3 Performance Chart Pred



Obrázok 4 Performance Chart Po



Obrázok 5 Memory Pred



Obrázok 6 Memory Po

Method	Time (ms)	Own Time (ms)	
sk.fiit.jim.init.Main.main(String[]) Main.java	59,817	99%	0
sk.fiit.jim.agent.communication.Communication.start() Communication.java	56,536	94%	< 0.1
sk.fiit.jim.agent.communication.Communication.mainLoop() Communication.java	55,547	93%	< 0.1
java.io.DataInputStream.readInt()	28,021	47%	28,021
sk.fiit.jim.agent.communication.Communication.receive() Communication.java	27,989	47%	0
sk.fiit.jim.agent.parsing.Parser.parse(String) Parser.java	27,609	46%	0
sk.fiit.jim.agent.parsing.Parser.notifyObservers() Parser.java	27,390	46%	0
sk.fiit.jim.agent.models.AgentModel.processNewServerMessage(ParsedData) AgentModel.java	24,312	41%	0
sk.fiit.jim.agent.models.AgentModel.updateRotations(ParsedData) AgentModel.java	19,875	33%	0
sk.fiit.jim.agent.models.AgentRotationCalculator.updateRotations(ParsedData) AgentRotationCalculator.java	19,843	33%	0
sk.fiit.jim.agent.models.AgentRotationCalculator.getFlagsOfSideWithMoreFlagsSeen(Map) AgentRotationCalculator.java	19,796	33%	0
java.io.BufferedWriter.close()	17,078	29%	17,078
sk.fiit.jim.log.JimLocalFileCreator.writeLogFile(String) JimLocalFileCreator.java	15,203	25%	0
sk.fiit.jim.log.JimLocalFileCreator.writeLogFileGameTime(String) JimLocalFileCreator.java	7,171	12%	0
java.util.logging.Logger.log(Level, String)	3,796	6%	1,890
sk.fiit.jim.agent.models.AgentModel.updateBodyPartsPositions2() AgentModel.java	3,375	6%	0
sk.fiit.jim.agent.models.WorldModel.processNewServerMessage(ParsedData) WorldModel.java	2,906	5%	15
sk.fiit.jim.agent.communication.testframework.Message\$WorldModel.changed(WorldModel) Message.java	2,828	5%	93
sk.fiit.jim.log.JimLocalCsvFileCreator.writeCsvLog(String[]) JimLocalCsvFileCreator.java	2,828	5%	0
sk.fiit.jim.log.JimHtmlFormatter.format(LogRecord) JimHtmlFormatter.java	1,859	3%	15
java.util.logging.LogRecord.getSourceClassName()	1,546	3%	1,546
java.io.FileWriter.<init>(String, boolean)	1,515	3%	1,515
org.apache.commons.net.util.Base64.encodeBase64String(byte[]) Base64.java	1,359	2%	1,359
sk.fiit.jim.log.JimLocalCsvFileCreator.<init>(String) JimLocalCsvFileCreator.java	1,062	2%	0
sk.fiit.jim.agent.communication.Communication.handshake() Communication.java	989	2%	0
sk.fiit.jim.agent.communication.Communication.transmit(String) Communication.java	906	2%	0
java.io.DataOutputStream.writeInt(int)	843	1%	843
sk.fiit.robocup.library.geometry.Vector3D.cartesian(double, double, double) Vector3D.java	796	1%	15
sk.fiit.jim.log.JimLocalFileCreator.<init>() JimLocalFileCreator.java	781	1%	0
sk.fiit.robocup.library.geometry.Vector3D.calculateSpherical() Vector3D.java	781	1%	0
sk.fiit.jim.annotation.data.AnnotationManager.loadAnnotations(String) AnnotationManager.java	703	1%	0
sk.fiit.jim.annotation.data.XMLParser.parse(File) XMLParser.java	703	1%	0

Obrázok 7 Metody Pred

Method	Time (ms)	Own Time (ms)	
sk.fiit.jim.init.Main.main(String[]) Main.java	159,280	99%	0
sk.fiit.jim.agent.communication.Communication.start() Communication.java	155,999	98%	< 0.1
sk.fiit.jim.agent.communication.Communication.mainLoop() Communication.java	155,010	97%	46
java.io.DataInputStream.readInt()	102,485	64%	102,485
sk.fiit.jim.agent.communication.Communication.receive() Communication.java	102,454	64%	0
sk.fiit.jim.agent.parsing.Parser.parse(String) Parser.java	51,046	32%	0
sk.fiit.jim.agent.parsing.Parser.notifyObservers() Parser.java	50,703	32%	0
sk.fiit.jim.agent.models.AgentModel.processNewServerMessage(ParsedData) AgentModel.java	37,625	24%	0
sk.fiit.jim.agent.models.AgentModel.updateRotations(ParsedData) AgentModel.java	28,890	18%	0
sk.fiit.jim.agent.models.AgentRotationCalculator.updateRotations(ParsedData) AgentRotationCalculator.java	28,859	18%	0
sk.fiit.jim.agent.models.AgentRotationCalculator.getFlagsOfSideWithMoreFlagsSeen(Map) AgentRotationCalculator.java	28,812	18%	0
java.io.BufferedWriter.close()	25,046	16%	25,046
sk.fiit.jim.log.JimLocalFileCreator.writeLogFile(String) JimLocalFileCreator.java	22,593	14%	0
sk.fiit.jim.agent.models.WorldModel.processNewServerMessage(ParsedData) WorldModel.java	12,531	8%	109
sk.fiit.jim.agent.communication.testframework.Message\$WorldModel.changed(WorldModel) Message.java	12,328	8%	687
sk.fiit.jim.log.JimLocalFileCreator.writeLogFileGameTime(String) JimLocalFileCreator.java	10,171	6%	0
java.util.logging.Logger.log(Level, String)	7,328	5%	3,343
sk.fiit.jim.agent.models.AgentModel.updateBodyPartsPositions2() AgentModel.java	6,687	4%	0
org.apache.commons.net.util.Base64.encodeBase64String(byte[]) Base64.java	5,281	3%	5,281
sk.fiit.jim.log.JimHtmlFormatter.format(LogRecord) JimHtmlFormatter.java	3,937	2%	46
sk.fiit.jim.log.JimLocalCsvFileCreator.writeCsvLog(String[]) JimLocalCsvFileCreator.java	3,890	2%	0
java.util.logging.LogRecord.getSourceClassName()	3,437	2%	3,437
java.security.MessageDigest.digest(byte[])	3,203	2%	3,203
java.io.ObjectOutputStream.writeObject(Object)	2,718	2%	5,281
sk.fiit.jim.agent.communication.Communication.transmit(String) Communication.java	2,138	1%	0
java.io.FileWriter.<init>(String, boolean)	2,109	1%	2,109
java.io.DataOutputStream.writeInt(int)	1,930	1%	1,930
sk.fiit.robocup.library.geometry.Vector3D.cartesian(double, double, double) Vector3D.java	1,484	1%	15
sk.fiit.robocup.library.geometry.Vector3D.calculateSpherical() Vector3D.java	1,468	1%	0
sk.fiit.jim.log.JimLocalCsvFileCreator.<init>(String) JimLocalCsvFileCreator.java	1,421	1%	0
java.lang.Math.asin(double)	1,125	1%	1,125
sk.fiit.jim.log.JimLocalFileCreator.<init>() JimLocalFileCreator.java	1,093	1%	0

Obrázok 8 Metody Po

