Takipi

Notes From The Field

by Dmitriy Pariyskiy



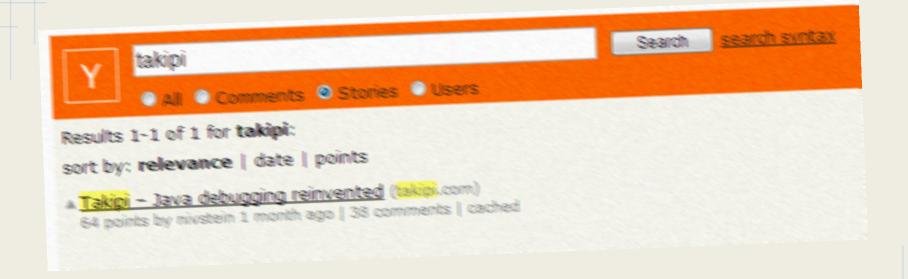
Any clojure.core contributors here tonight?

Thank you!

Thank you!

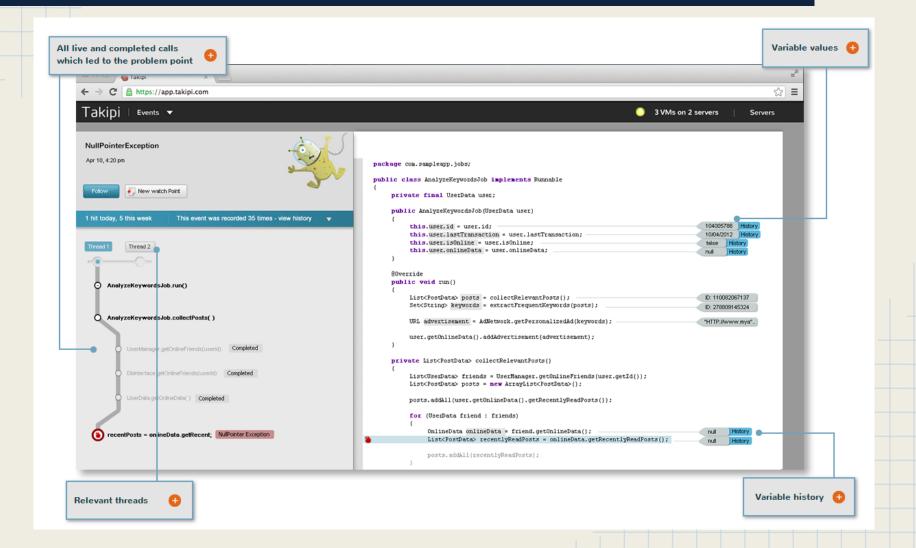
I'm Sorry.

What is Takipi?

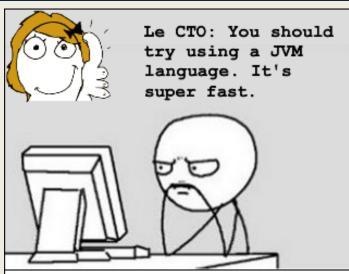


First sighting: May 22nd 2013

What is Takipi?



What's it Good For?

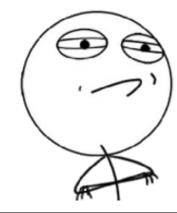


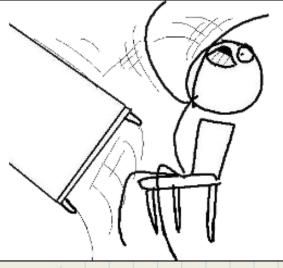
A wild stacktrace appears!

No. 1986, The Particulation From Street Control of the Control of

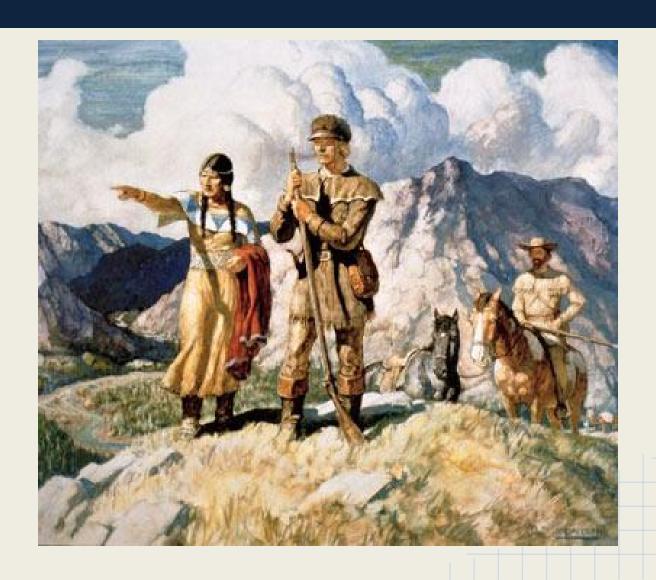
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CHALLENGE ACCEPTED

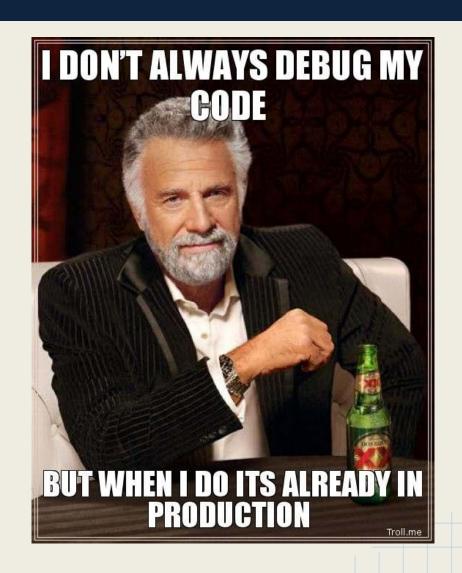




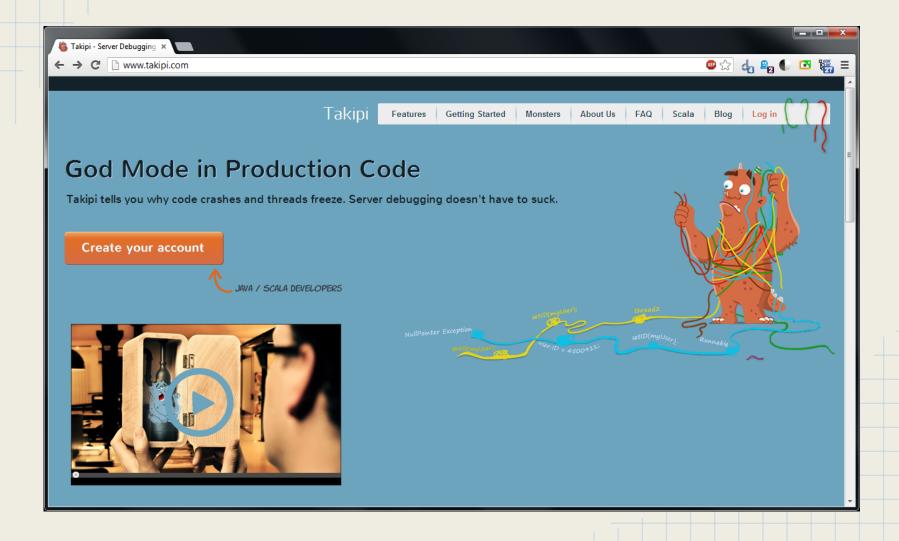
What's it Good For?



What's it Good For?



Getting Started



Getting Started

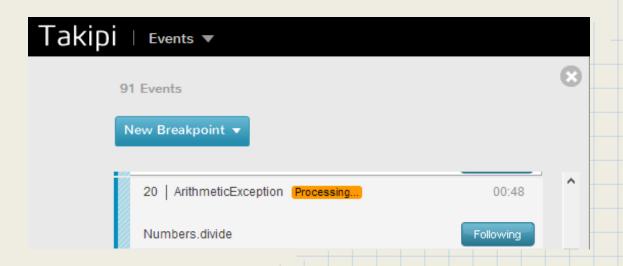
wget https://s3.amazonaws.com/app-takipi-com/deploy/linux/takipi-installer
sudo bash ./takipi-installer -i --secret_key=Your secret key
source /opt/takipi/etc/auto-agent

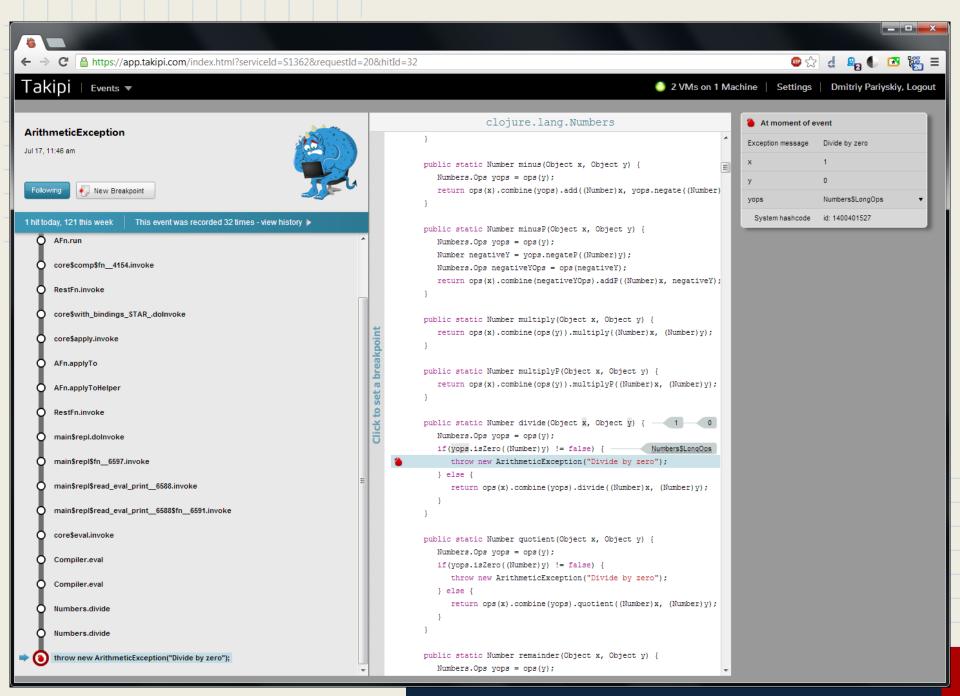
lein new tkptest; cd tkptest

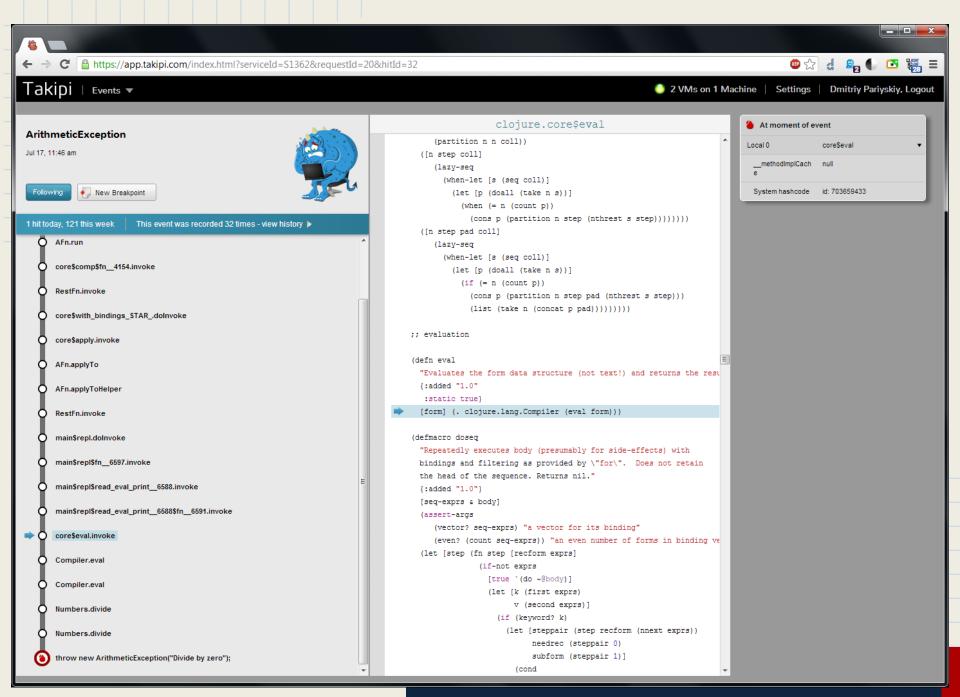
```
dp@WebDevVM:/var/clojure/tkptest$ lein repl
Picked up JAVA_TOOL_OPTIONS: -agentlib:TakipiAgent
Picked up JAVA_TOOL_OPTIONS: -agentlib:TakipiAgent
```

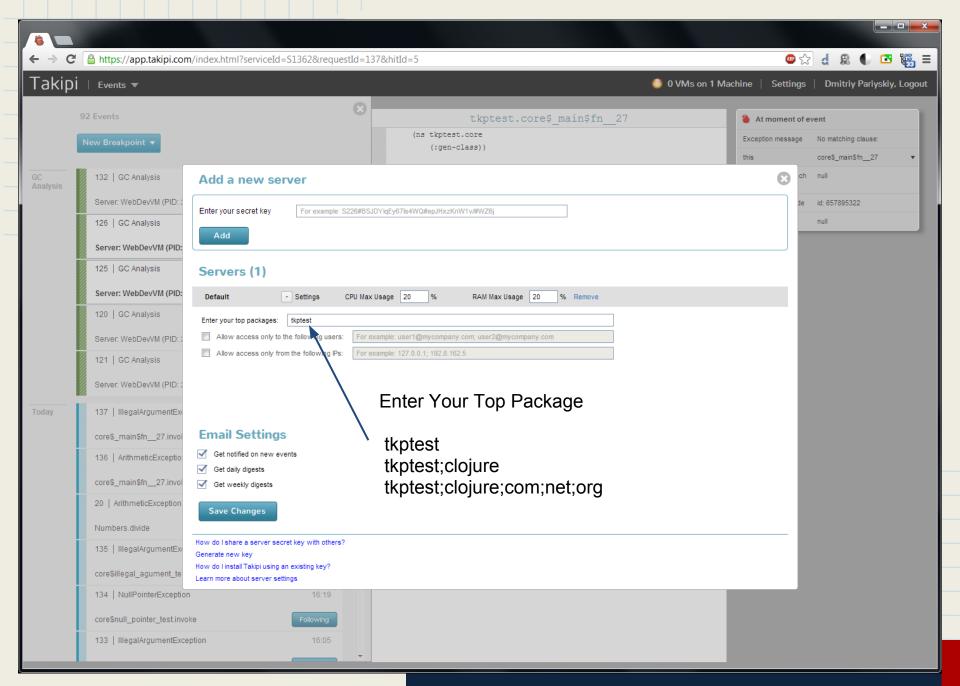
2 VMs on 1 Machine | Settings | Dmitriy Pariyskiy, Logout

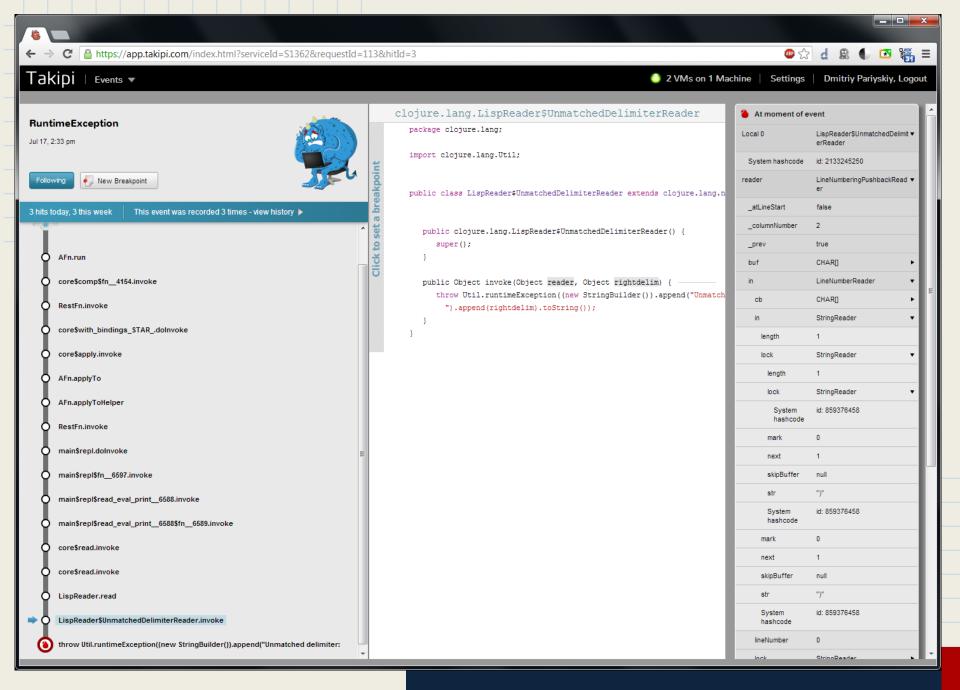
user=> (/ 1 0)

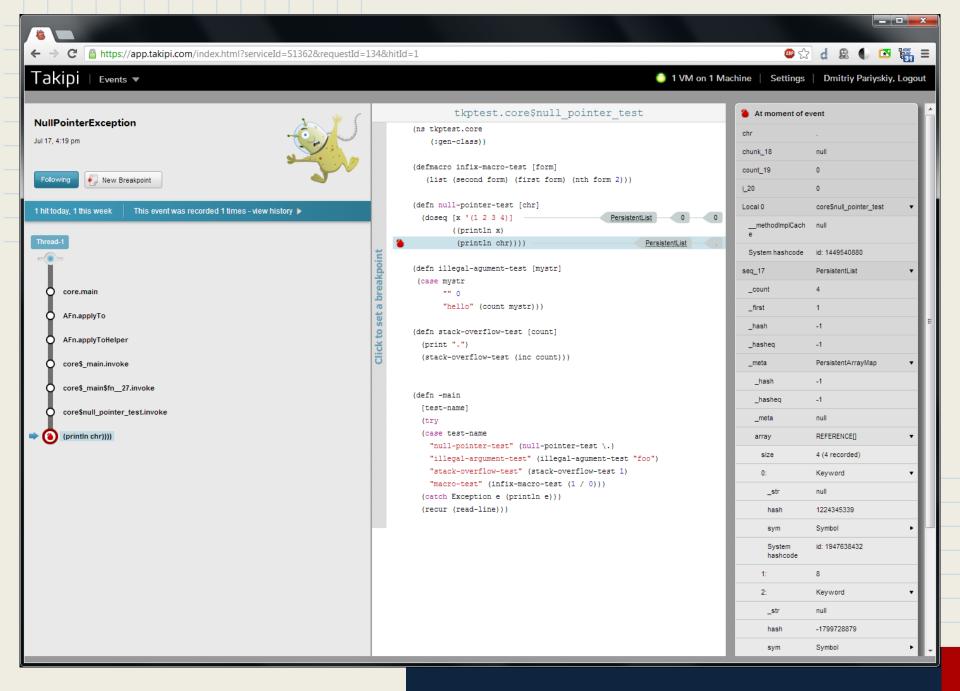


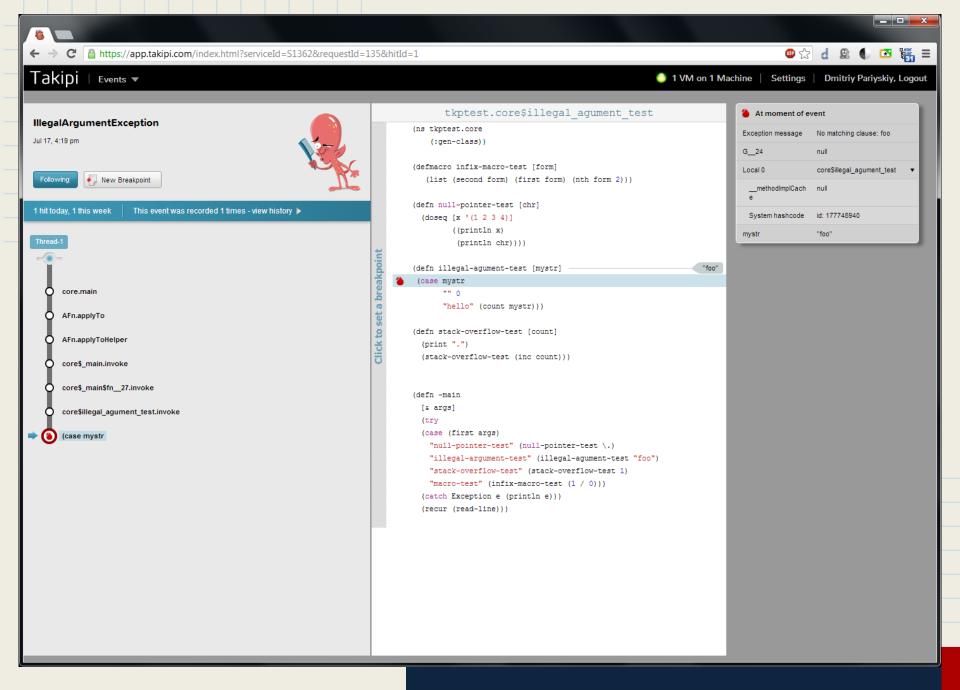


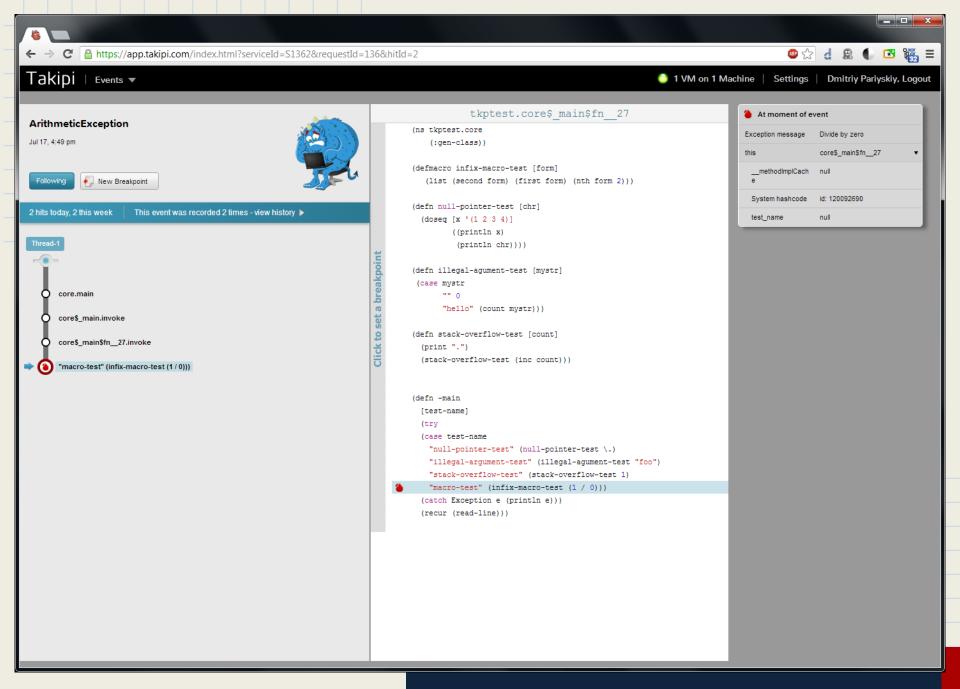










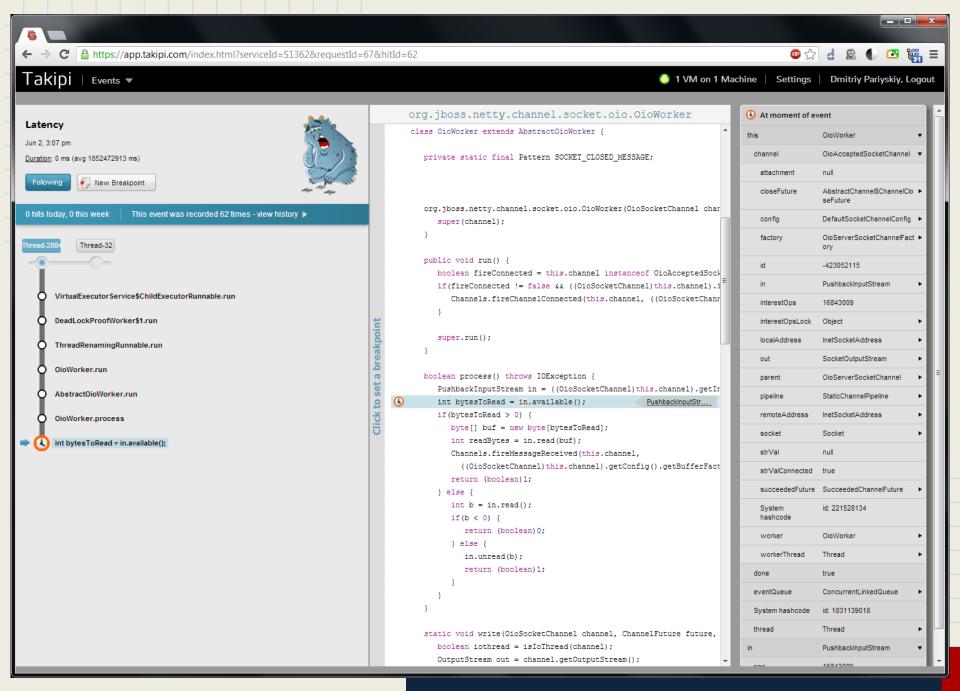


Threads?

Threads?

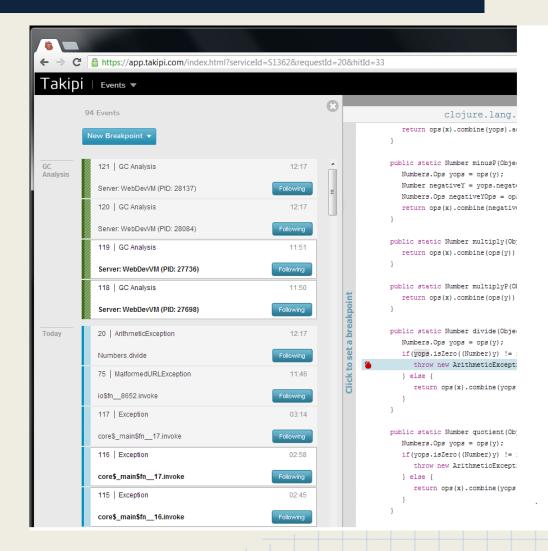
NOPE!

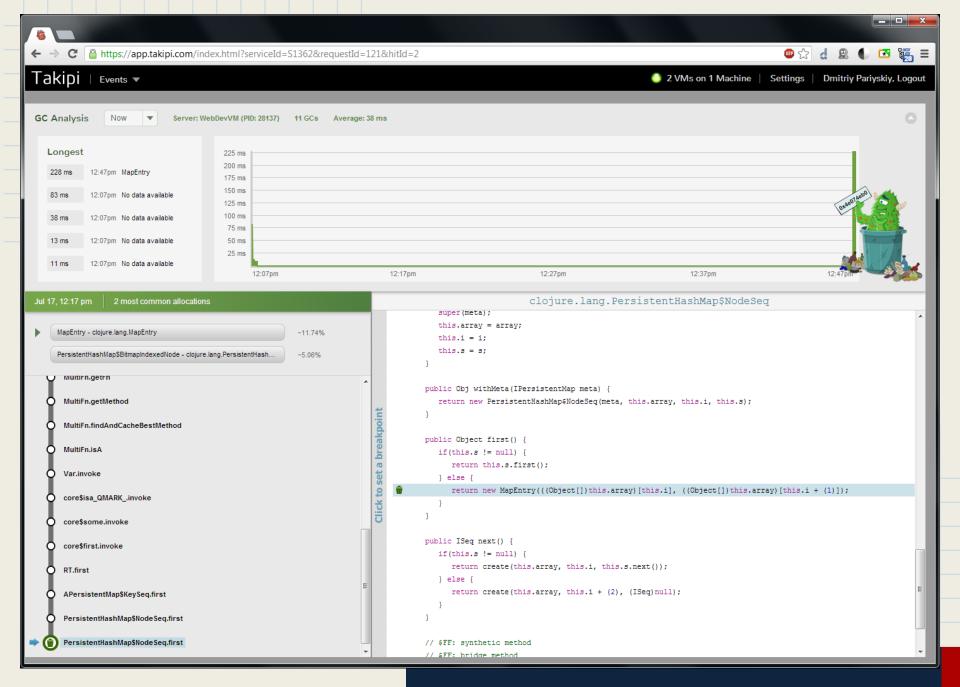


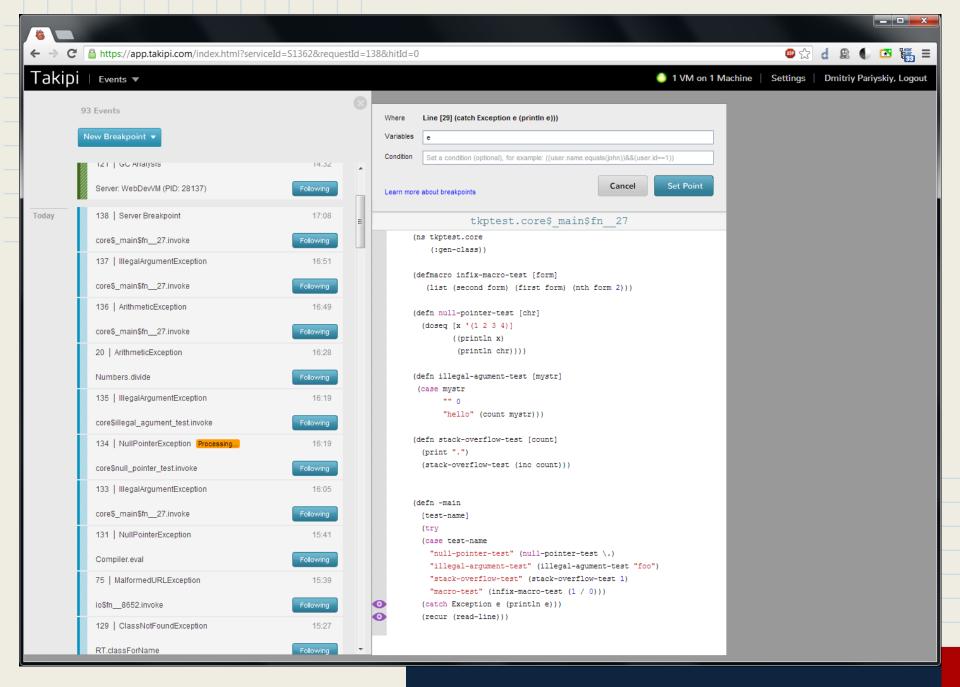


GC Analysis?

Kinda...







Summary

- VERY ALPHA (for Clojure)
- DO NOT USE IN PRODUCTION
- May want to use on a CI server or Test box
- May want to use on local machine
- Currently most useful for tracking down java library issues
- For Clojure, some features work, some partially work, some don't work at all

Further Studies

- Run for a while on a big application
- See clojure source without compiling or : gen-class
- Figure out good Takipi library settings
- Talk to Takipi team about first-class clojure support

Common Issues

- Not Connecting
 - Firewall? Service running?
 - Output
 Network connection?
- Leiningen Crashing
 - `killall takipi-agent; /etc/init.d/takipi restart`
- Not catching exceptions
 - o Top packages set correctly?
 - O VM terminating too soon?
- Forever "Processing"
 - O Network connection?
 - Retry

Thank You!

Questions

github.com/ispolin/takipi-notes