

JUDCon

JBoss Users & Developers Conference

London:2011

TorqueBox

Where Ruby meets CDI



Marek.



project: **odd**





BoxGrinder



JBoss Application Server 7

+

fedora^f

=



Today in menu:

Ruby and Java? Huh?

What TorqueBox is and what it can do for you?

Demo!



Goal.

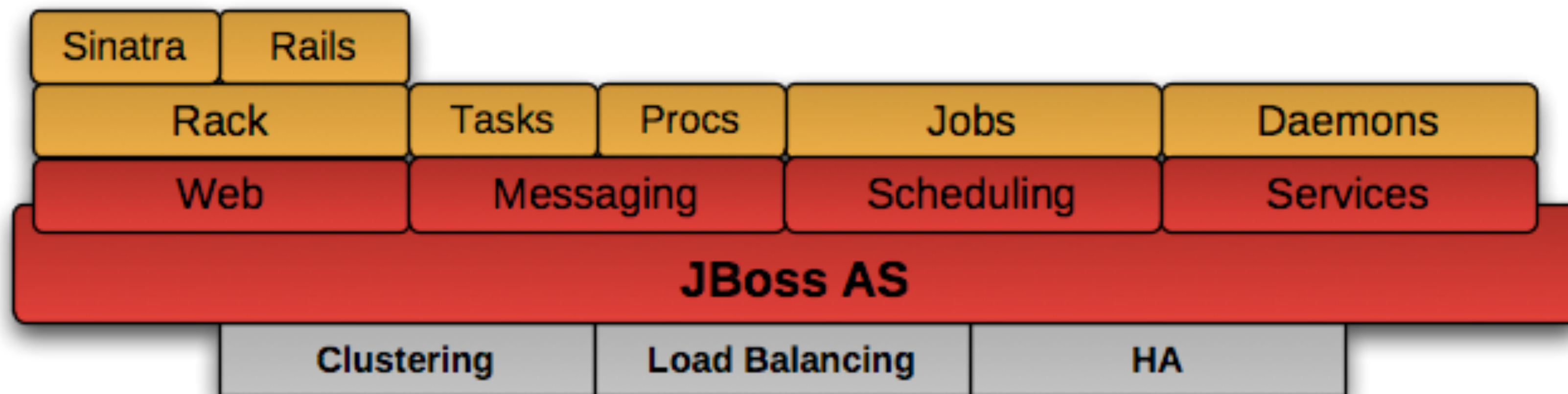
Rails, Sinatra, Rack.

Messaging, jobs, services, ...

**Sounds
familiar?**

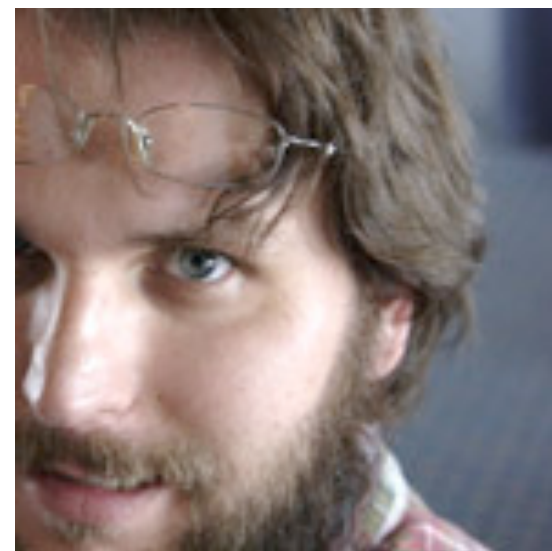
It's already in Java, let's
reuse it!

JBoss AS dating with Ruby.



But why **Ruby**?

Bob likes Ruby.



Dynamic.

No compilation*.

Liberal.

Concise.

```
Set<Person> people = new HashSet<Person>();

for (Team each : teams) {
    people.addAll(each.getMembers());
}

for (Person each : people) {
    each.promote();
}
```

com/foo/Anything.java


```
teams.  
  collect(&:members).  
  flatten.uniq.each &:promote!
```

anything.rb

OK, but how about
performance?

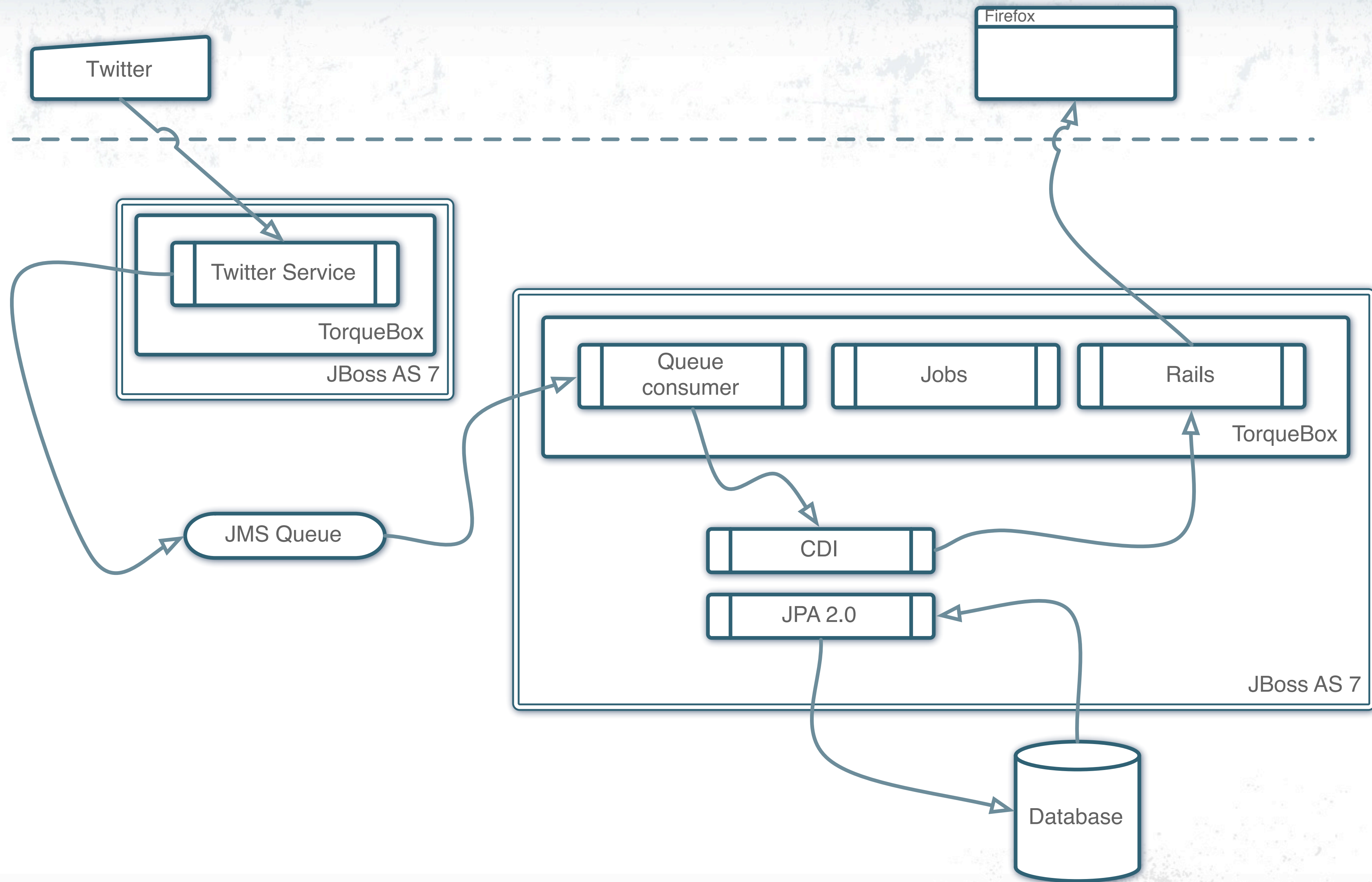
JRuby FTW!

**Very fast and scalable
environment.**

True threads.

Java libraries, for **free**.

Demo time!





TB 1.x – JBoss AS 6

TB 2.x – JBoss AS 7

Installation.

```
$ gem install torquebox-server --pre \  
--source http://torquebox.org/2x/builds/LATEST/gem-repo/
```


Yep, on **Windows** too.

What I showed you...

Jobs.

Messaging.

Services.

Rails.

Injection.

Java use from Ruby.

What I didn't mention...

Queues and topics.


```
queues:  
  /queues/questions  
  /queues/answers  
topics:  
  /topics/new_accounts  
  /topics/notifications
```

config/torquebox.yml

Injection.

CDI is only example:
queues, topics, heroin,
other stuff.

Drugs are bad, m'kay?


```
inject_topic( "/topics/questions" )  
inject_queue( "/queues/answers" )  
inject_naming( "java:comp/env/jdbc/myDS" )
```

Asynchronous methods.

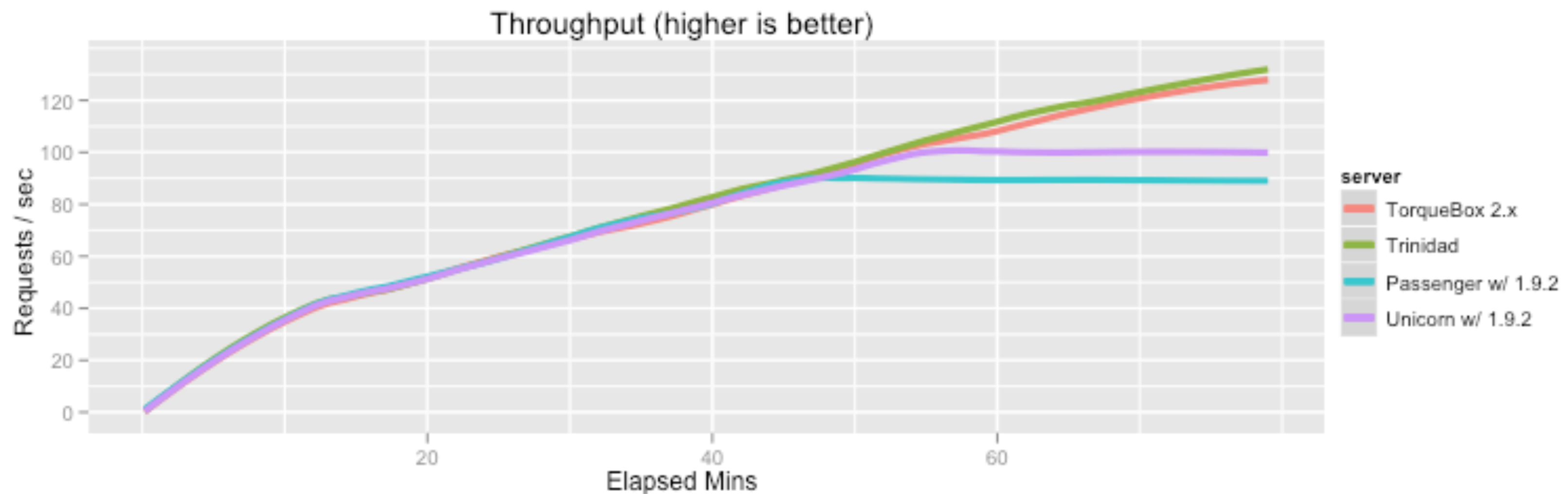
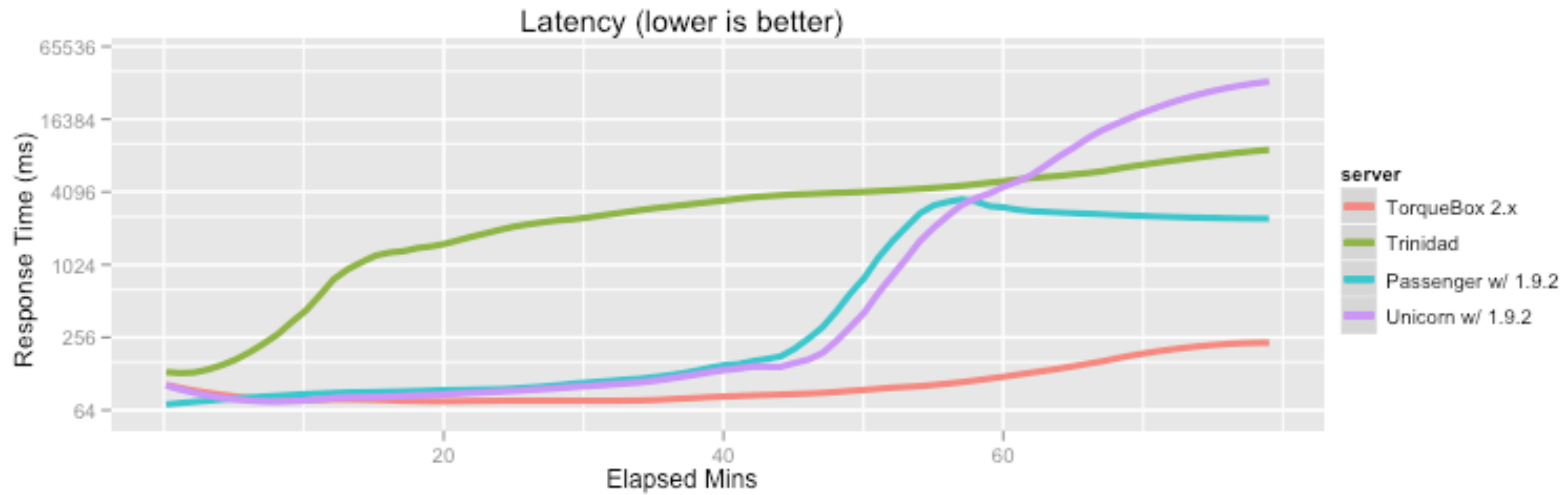
Clustering?

Cluster JBoss'!

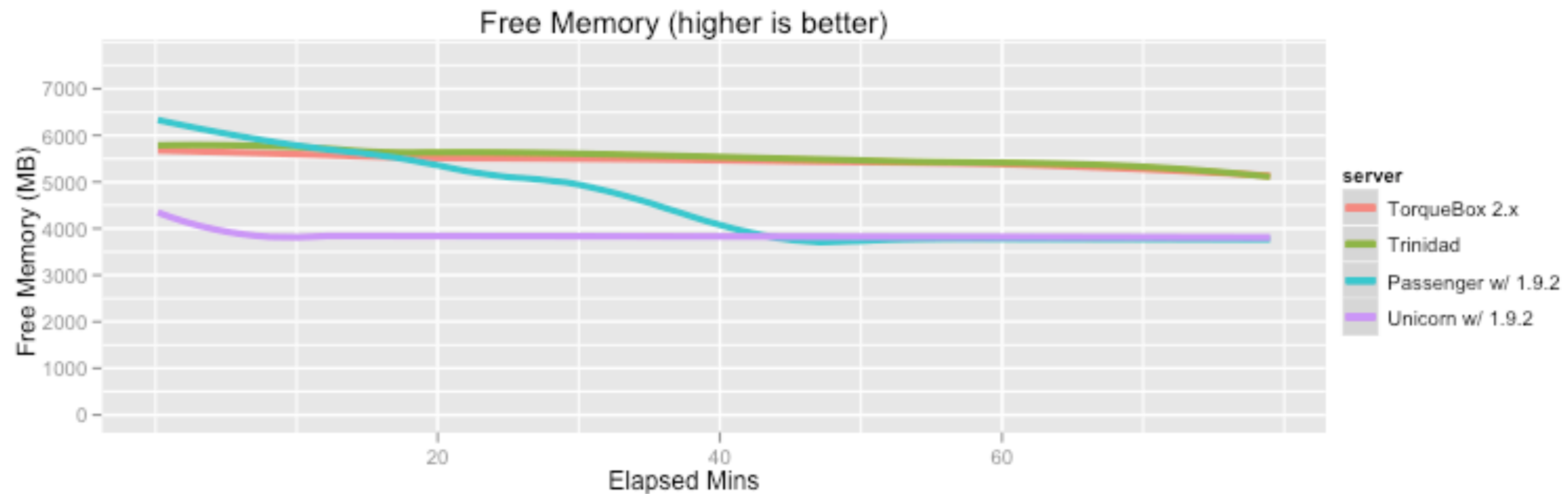
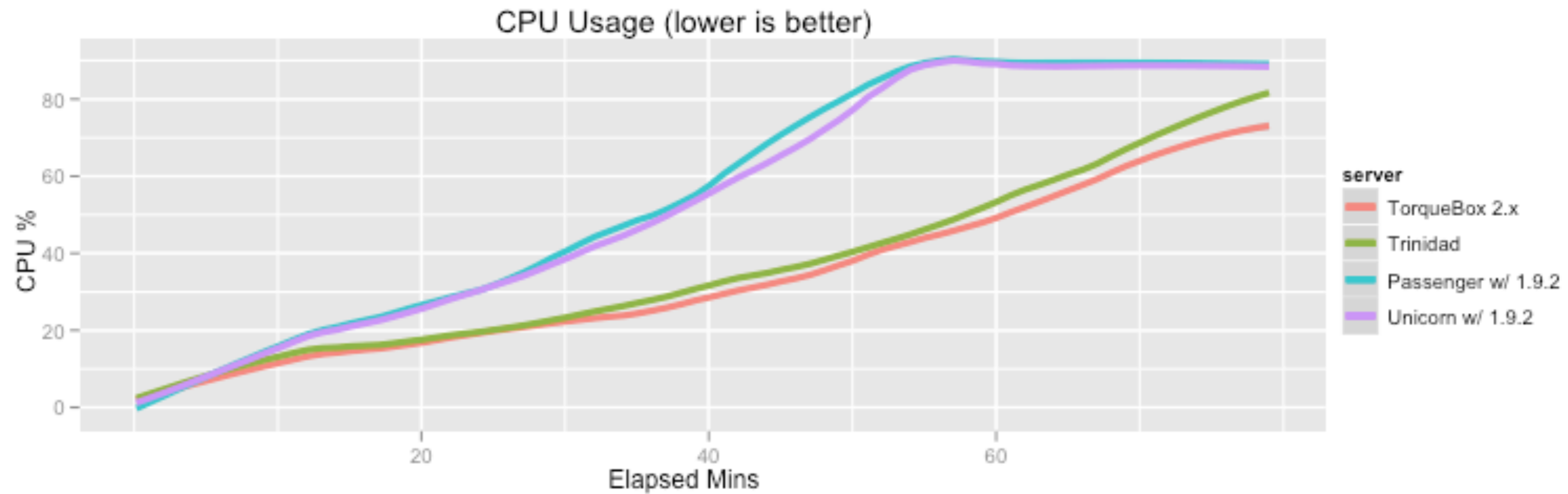
mod_cluster

Caching.

OK, cool, but how it
performs?



<http://torquebox.org/news/2011/10/06/torquebox-2x-performance/>



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<http://torquebox.org/>

<http://github.com/torquebox>

<http://github.com/goldmann/configura-2011-torquebox-demo>

IRC: **#torquebox** on FreeNode

@torquebox



Thanks!

Don't forget your **sticker!**