

# JUDCon

JBoss Users & Developers Conference

# London:2011

# TorqueBox

Where Ruby meets CDI

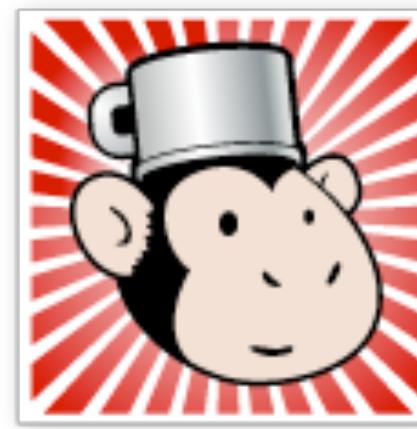


# Marek.



# project: odd





# BoxGrinder



JBoss Application Server 7

+

fedora<sup>™</sup>

=



# Today in menu:

# Ruby and Java? Huh?

# What TorqueBox is and what it can do for you?

# Demo!



# Goal.

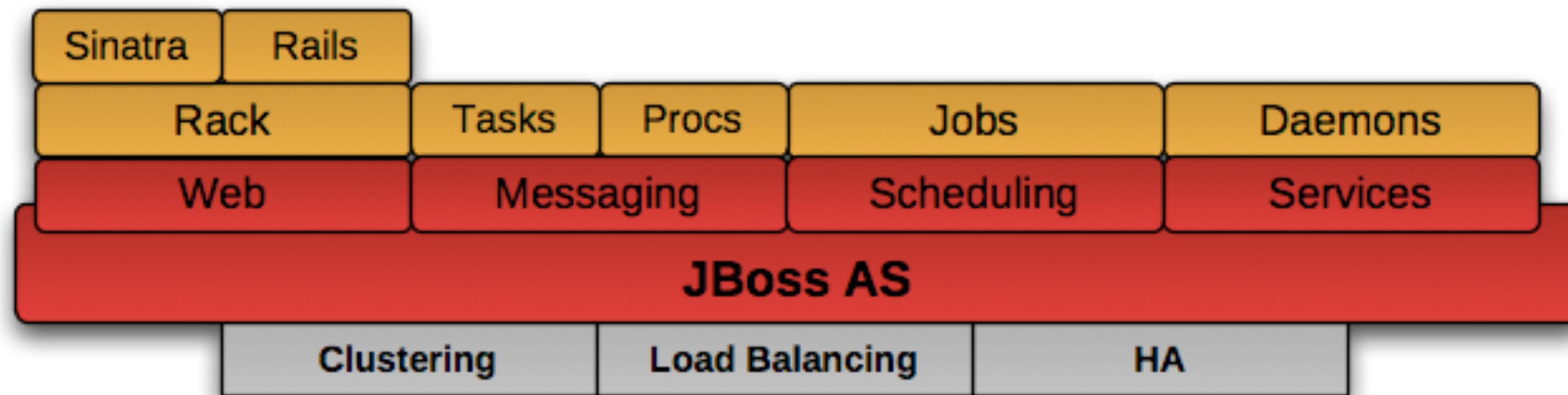
# Rails, Sinatra, Rack.

# Messaging, jobs, services, ...

Sounds  
familiar?

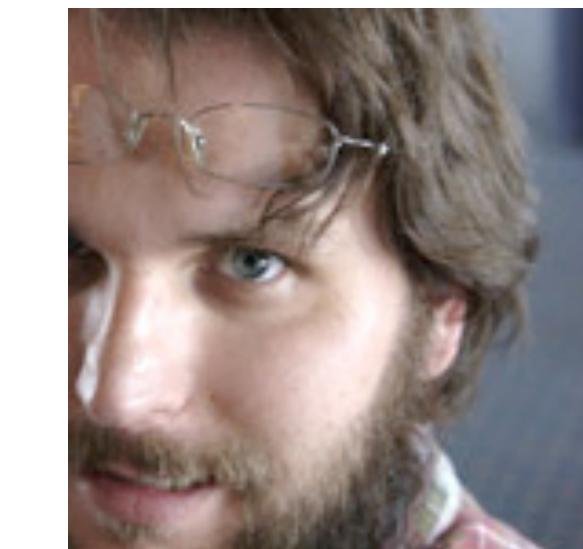
It's already in Java, let's  
reuse it!

# 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?

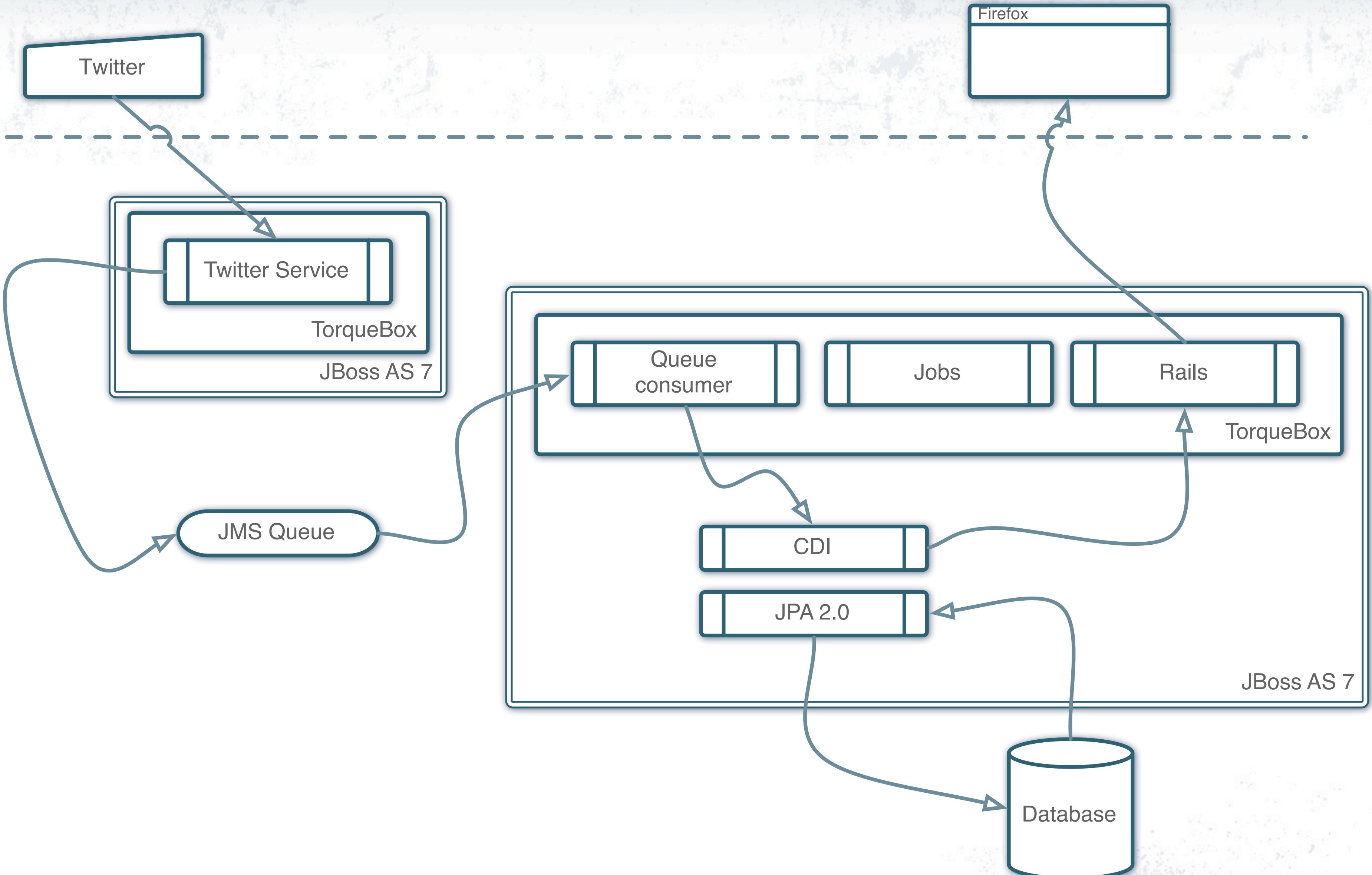
# JRuby FTW!

**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_namig( "java:comp/env/jdbc/myDS" )
```

# Asynchronous methods.

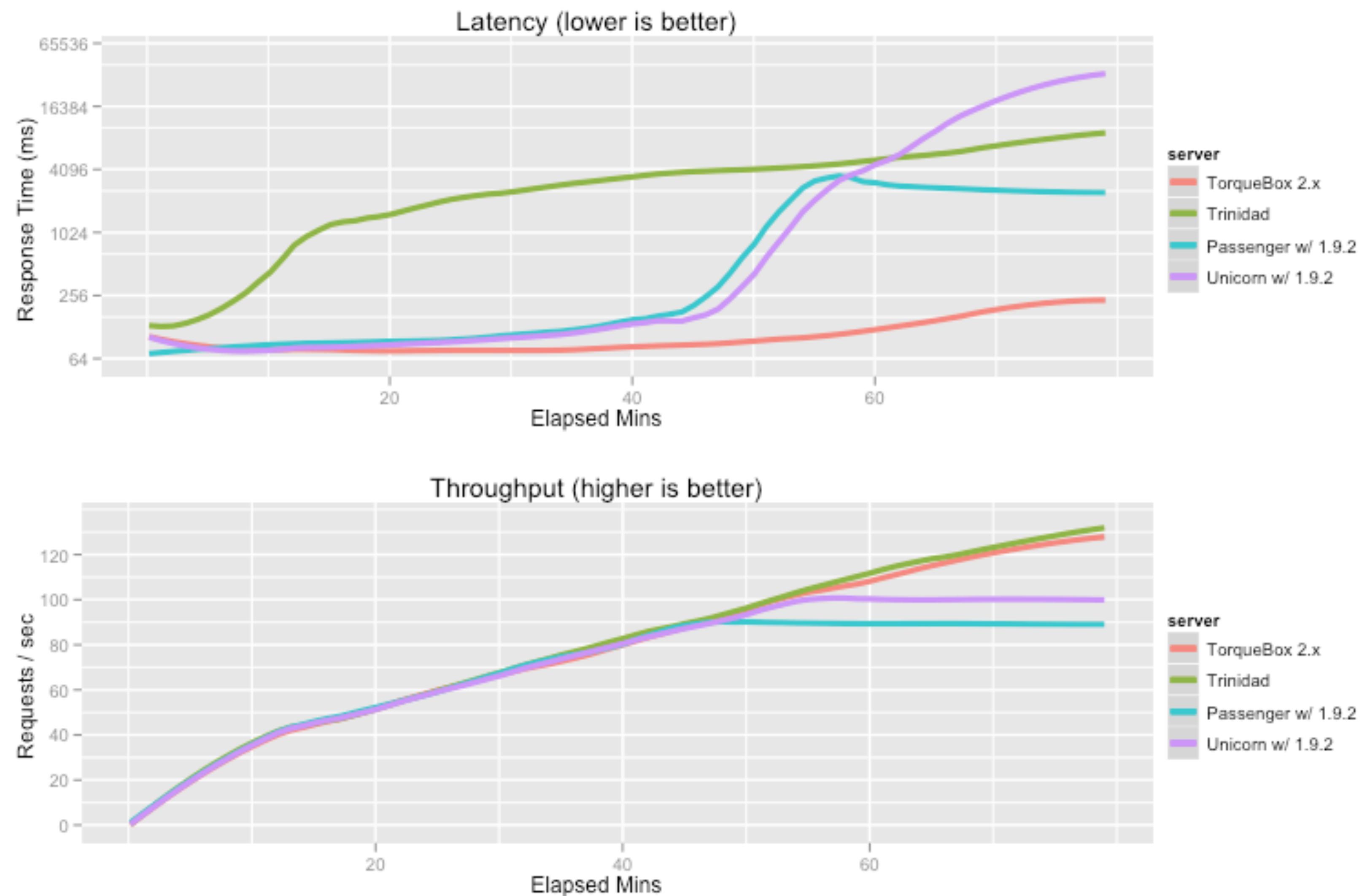
# Clustering?

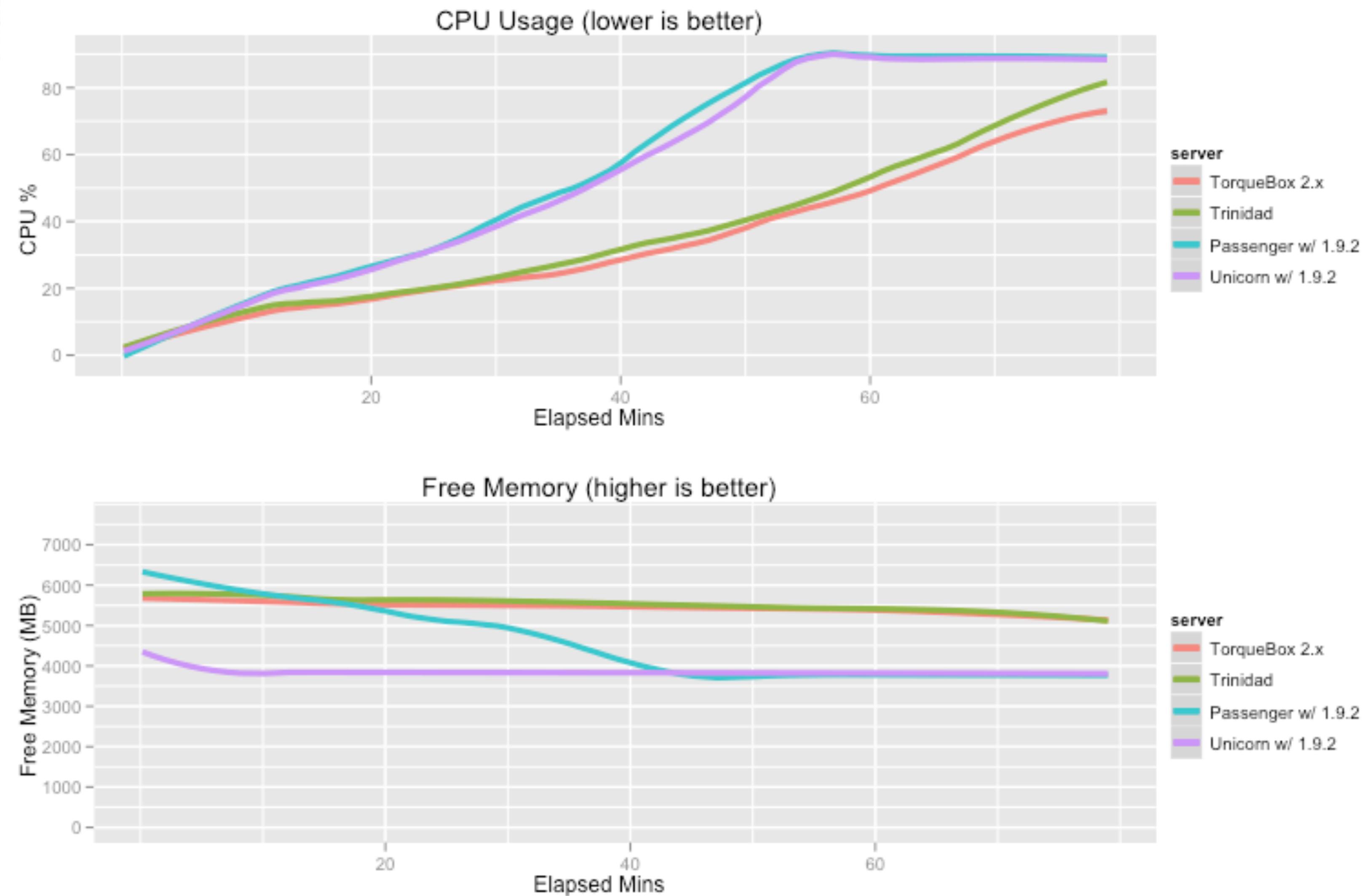
# Cluster JBoss'!

# mod\_cluster

# Caching.

OK, cool, but how it  
performs?





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

<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!