Hello, SOA World!

A Service-Oriented Adventure

@grayson_wright

24-Mar-14 15:00
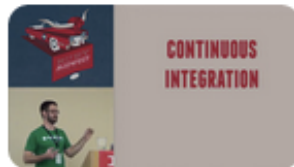
Ember Conf 2014
Ember & SOA
Jeremy Green

Rated: **Everyone**

Vi... **1,417**

...ted on: **06-May-14**

A breakdown of the general architecture that was used for building CloudHdr. The... system is composed of 3 m... service" apps, and a collection of Ember apps each aimed at a different... al slice of user facing functi... Topics inclu...

05-Apr-13 08:45

Ruby Midwe... 3
SOA Safari f... Amazon
Bryan Thompson

Rated: **Everyone**

Views: **1,622**

Posted on: **24-Apr-13**

Amazon's toolbox of services... e pretty intimidati... rst, and there are many possible solutions for scalability and redundancy. We've combine... e tools wit... power of Ruby to build a decoupled highly-testable platform that is a devel...

19-Apr-12 16:00

railsberry 2012
Take the PITA out of SO... ilding... n Service Oriented Architectures
Tammer Saleh, Randall Th...

Rated: **Everyone**

Views: **650**

Posted on: **17-Dec-12**

Every experienced Rails... oper understands the need to ... that monolithic application into smaller, manageable compo... s. Unfortunately, most seasoned develop... nvision nightmares of SOAP, RPC, DCOM, CORBA, Web Se... es, DDS, and WCF when...

08-Oct-12 13:00

Aloha R... onf 2012
Car... : On the Path from Big-Ball-of-Mud to SOA
J... s Rosen

Rated: **Everyone**

Views: **1,110**

Posted on: **28-Oct-12**

As applications grow, dependency management becomes painful, tests get slower, and development becomes less joyful. Breaking up the application into services can be a great solution to these problems, but not every team is ready to leap fully into...

Motivation

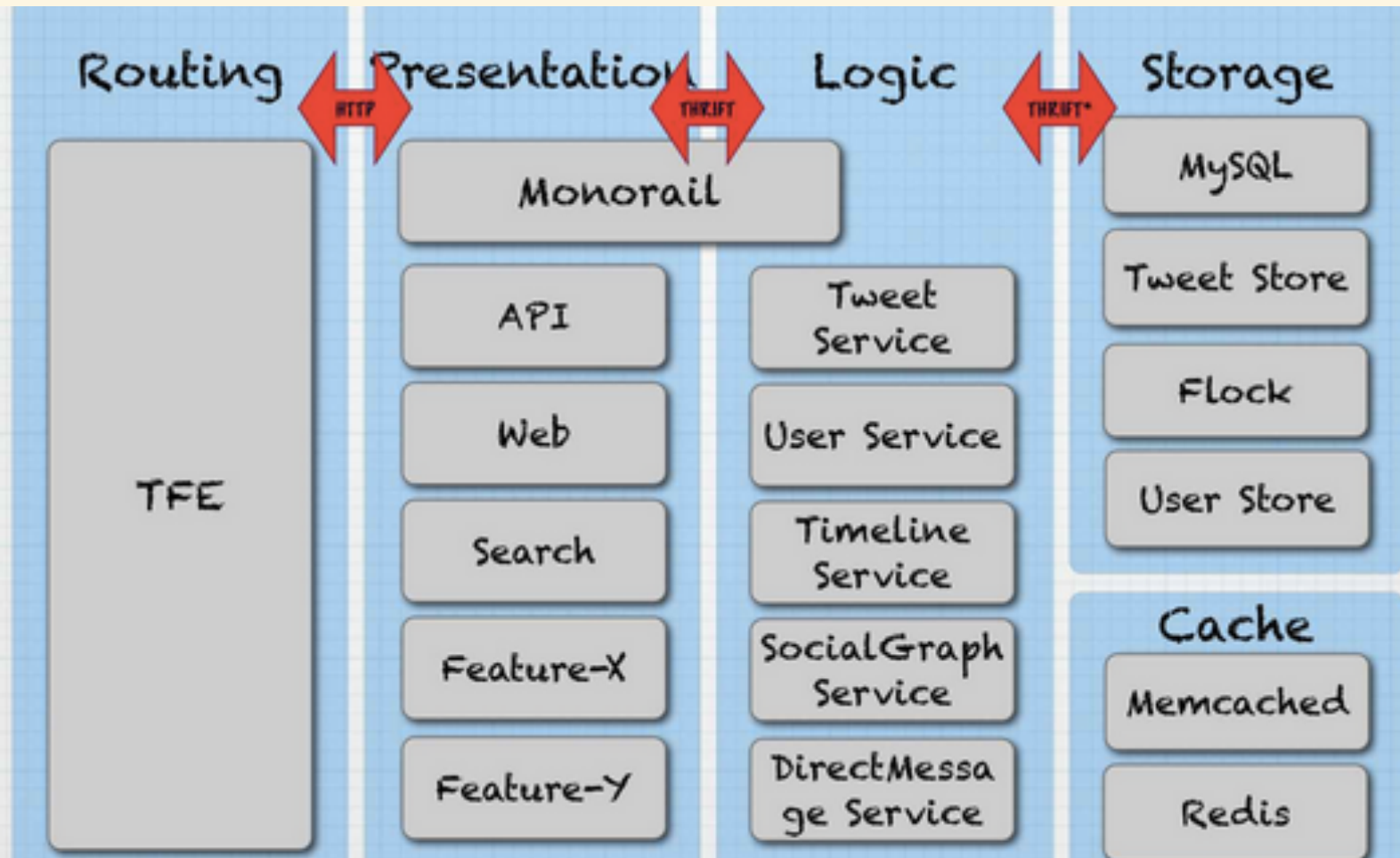Hour long test suite → isolated service tests

Thousand-line God objects → refactor concerns into services

Single, limiting framework → Multiple frameworks & languages

Frequent, smaller deployments

SOA: Service-Oriented Architecture

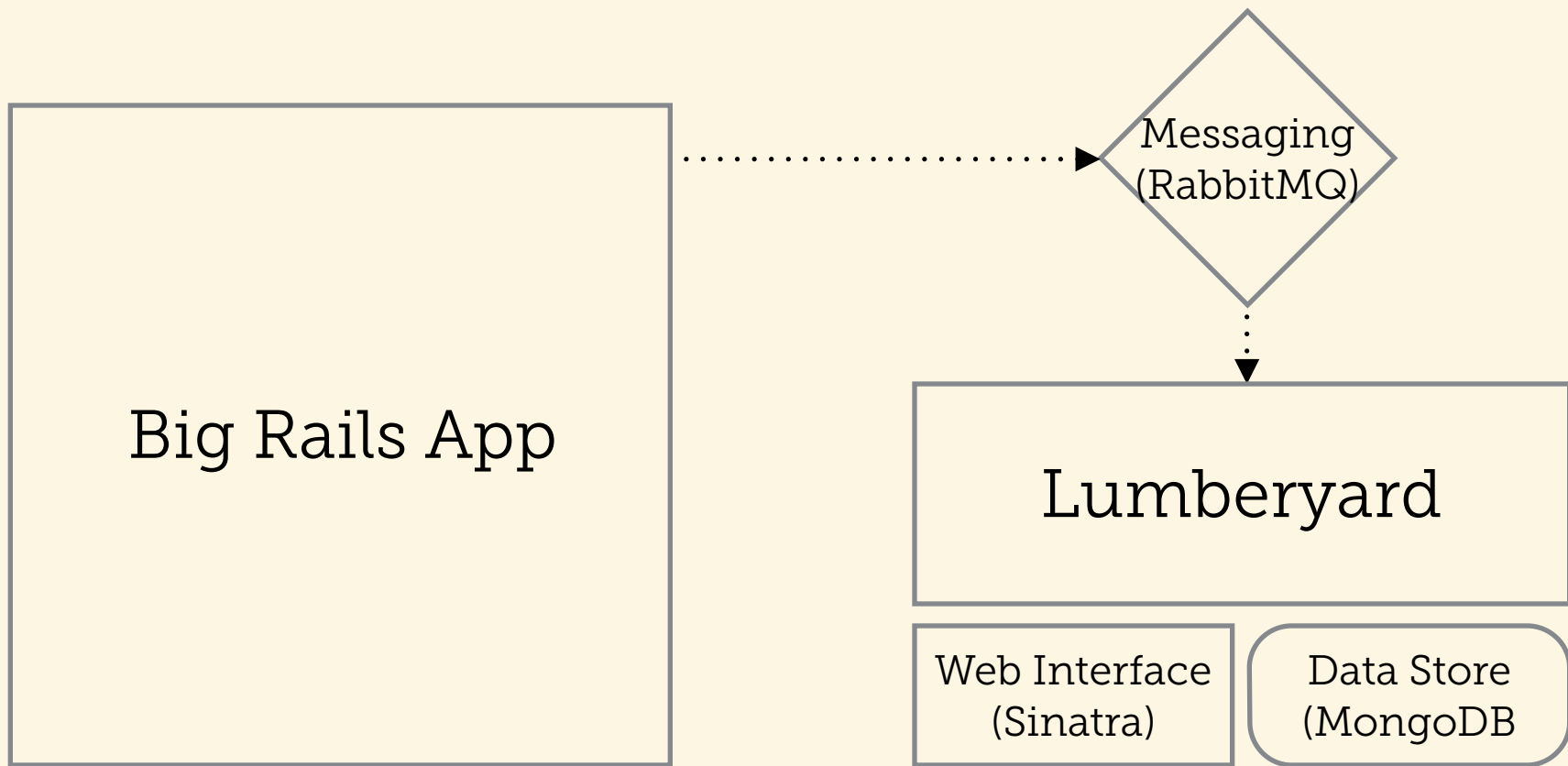"an ecosystem of small applications" - @bantik

Twitter

http://www.infoq.com/presentations/twitter-soa

SOAs are easy

and a lot of fun!

Big Rails App

Messaging
(RabbitMQ)

Lumberyard

Web Interface
(Sinatra)

Data Store
(MongoDB

Let's Build

A query-able log collector

Next Steps

- Accept logs from multiple applications

- Create a service to manage other services

- Have Lumberyard publish notifications when certain criteria are met

Concerns

- Testing

- Service Versioning

Thanks!

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I'm hire-able!

github.com/graysonwright/hello-soa-world

Thanks to github.com/tehviking/giffindor