

# INTRODUCTION OF XITRUM

## a Scala framework inspired by Rails

Rakuten Technology Conference 2013  
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**[goo.gl/kmMQnG](http://goo.gl/kmMQnG)**

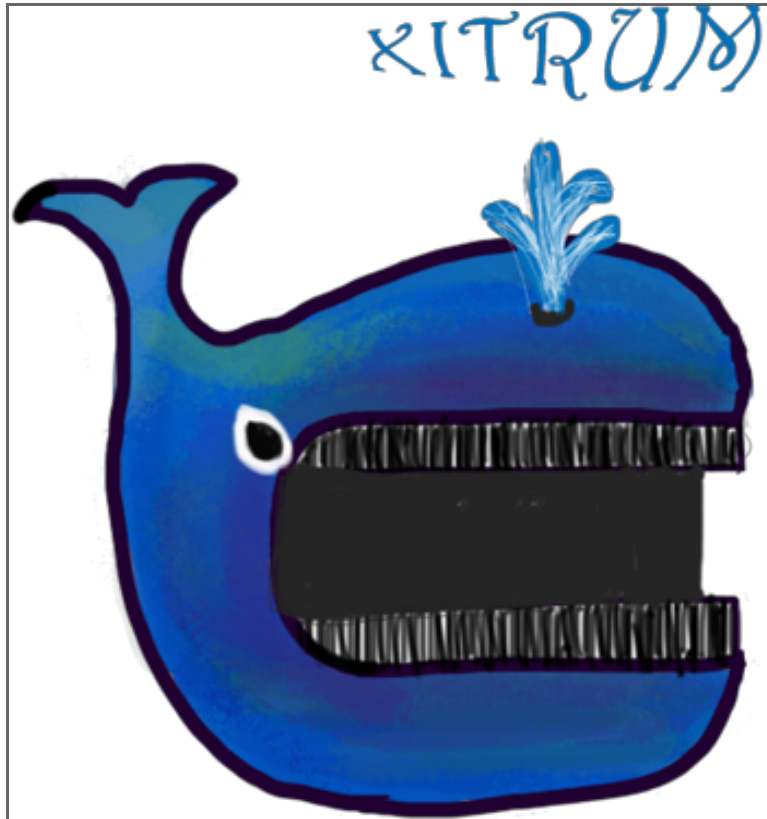
# ABOUT ME

Takeharu.Oshida

working at **mobilus** as software engineer

javascript/php/android /scala(2month)  
github: **georgeosddev**

# ABOUT XITRUM



Xitrum is an async and clustered Scala web framework and HTTP(S) server fusion on top of **Netty**, **Akka**, and **Hazelcast**

Author: **Ngoc Dao**

# ARCHITECTURE



xitrum: routing, action, view, ...

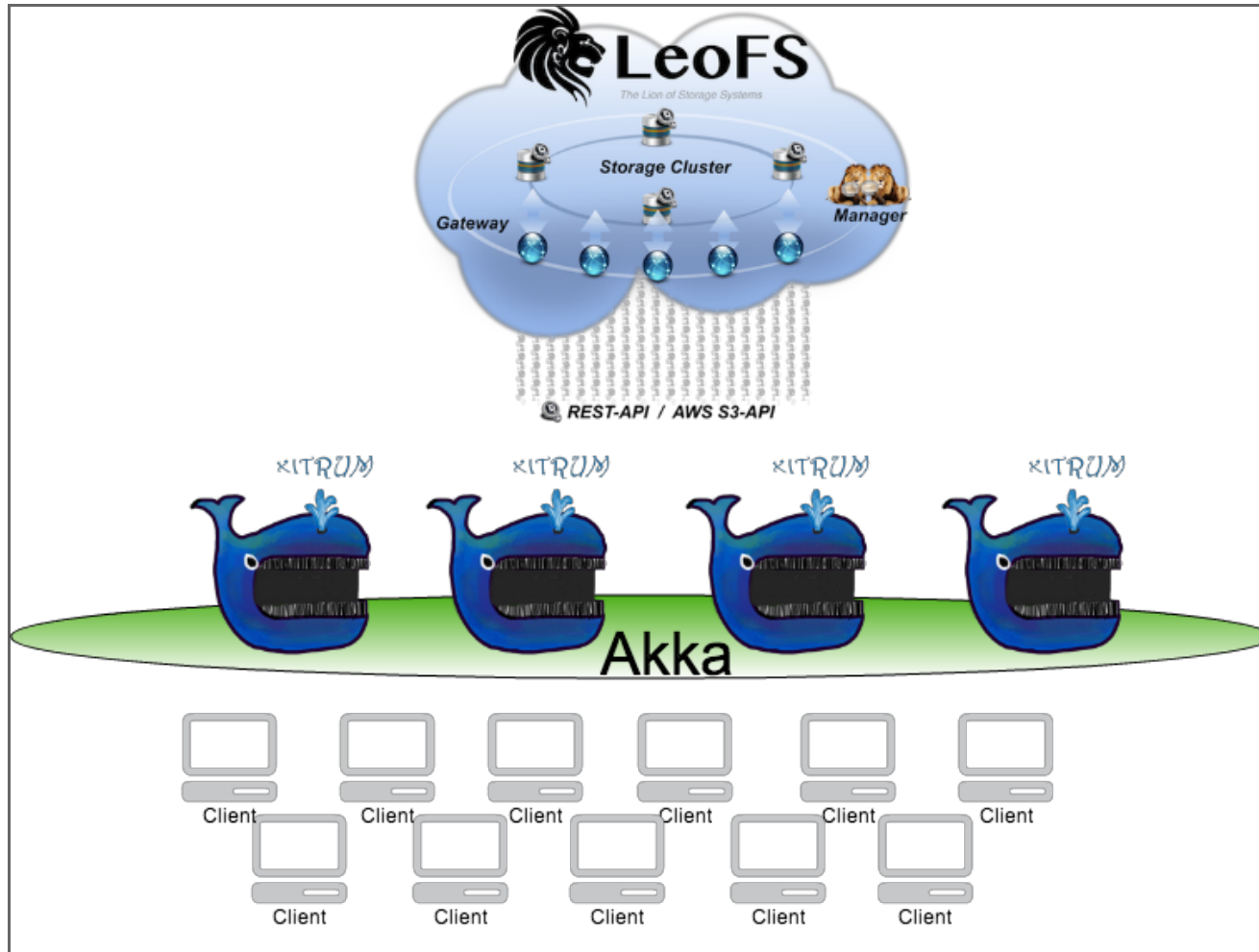
Netty: http(s) server

Akka: clustering

Hazelcast: session management

# DEMO

## Xitrum with LeoFS (xitrum-leochat)



# FEATURES

- Typesafe, in the spirit of Scala.
- Async, in the spirit of Netty.
- Fast built-in HTTP and HTTPS server
- Many utility for web application, Automated routes collection, Cache, i18n, Validation, Template, etc...
- Support webSocket
- Support **Swagger (sample)**

# EASY TO DEVELOPMENT

```
git clone https://github.com/ngocdaothanh/xitrum-new.git
cd xitrum-new
sbt/sbt run
```

## MORE ABOUT XITRUM

- **Official**
- **Source code**
- **Guide**
- **API Doc**
- **Forum**

## SAMPLES

- ○5○plus (messaging chat service)
- **mobilus** (mobile chat application)
- **xitrum-demos** (various examples)
- **comy** (url shortner)
- **xitrum-placeholder** (image placeholder)

END