



SPRING CLOUD

A TOOLBOX FOR DISTRIBUTED SYSTEMS

@OLIVERGIERKE

PivotalTM

olivergierke (Oliver Gierke) 

GitHub, Inc. [US] https://github.com/olivergierke

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401 Followers **54** Starred **31** Following

Organizations


Popular repositories

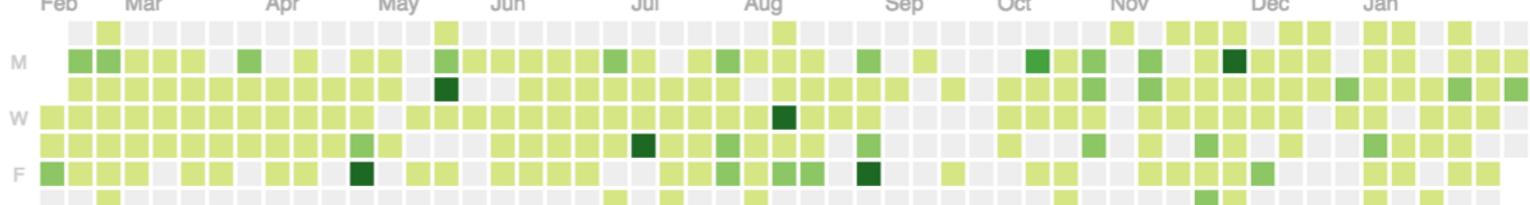
| | |
|---|---|
|  spring-restbucks | Implementation of the sample from REST in P... 198 ★ |
|  repositories-deepdive | Sample code for the Spring Data JPA repository 79 ★ |
|  whoops-architecture | Sample code for my talk "Whoops! Where did ... 27 ★ |
|  spring-rest | Sample project for Spring 3 REST style web application 27 ★ |
|  rest-microservices | Sample for Spring Boot based REST microservices 25 ★ |

Repositories contributed to

| | |
|---|---|
|  spring-projects/spring-data-com... | Spring Data Commons. Interfaces and code samples 132 ★ |
|  spring-projects/spring-data-rest | Spring Data REST Exporter 259 ★ |
|  st-tu-dresden/salespoint | SalesPoint 0 ★ |
|  spring-projects/spring-data-build | Modules to centralize common resources and configurations 5 ★ |
|  spring-projects/spring-data-jpa | Simplifies the development of creating a JPA- 382 ★ |

Contributions

Summary of Pull Requests, issues opened, and commits. [Learn more.](#) 



Less  More

| | | |
|---|--|--|
| Contributions in the last year 1,613 total Feb 12, 2014 – Feb 12, 2015 | Longest streak 14 days November 23 – December 6 | Current streak 0 days Last contributed 2 days ago |
|---|--|--|

Contribution activity 

Pivotal

THE FASTEST PATH TO NEW BUSINESS VALUE

Pivotal?

THE FASTEST PATH TO NEW BUSINESS VALUE

**CLOUD
FOUNDRY**

SPRING FRAMEWORK

11

Putting the fun back into
Enterprise Java™ since
2004...

SOLVING
TODAY'S
PROBLEMS
(BY DEFINITION)



WITH GREAT POWER
COMES GREAT
RESPONSIBILITY



SPRING BOOT



DEMO

GITHUB.COM/SPRING-PROJECTS/SPRING-DATA-EXAMPLES

Io EXECUTION

XD



STREAMS, TAPS, JOBS

BOOT



BOOTABLE, MINIMAL, OPS-READY

GRAILS



FULL STACK, WEB

CLOUD



SERVICE REGISTRY,
CIRCUIT BREAKER, METRICS

Io COORDINATION

Io FOUNDATION

INTEGRATION



CHANNELS, FILTERS,
ADAPTERS, TRANSFORMERS

BATCH



JOBS, STEPS,
READERS, WRITERS

BIG DATA



INGESTION, EXPORT,
ORCHESTRATION, HADOOP

WEB



CONTROLLERS, REST,
WEBSOCKET

DATA

RELATIONAL DATA



NON-RELATIONAL DATA

CORE



FRAMEWORK



SECURITY



GROOVY



REACTOR

SPRING
CLOUD



A TOOLBOX FOR DISTRIBUTED SYSTEMS

STARTERS

CONFIG

NETFLIX

CONNECTORS

CLOUD FOUNDRY

AMAZON WEBSERVICES

CLI

BUS

STARTERS

CONFIG

NETFLIX

SPRING CLOUD STARTERS

DEMO

GITHUB.COM/OLIVERGIERKE/REST-MICROSERVICE

SPRING CLOUD CONFIG

CONFIGURATION SERVER

CONFIGURATION SERVER

SECURITY
ENCRYPTION / DECRYPTION
KEY MANAGEMENT

CONFIGURATION SERVER **REPOSITORY**

GIT BACKEND
LOCAL BACKEND (GIT, TOO)

CONFIGURATION
SERVER REPOSITORY **CLIENT**

SPRING ENVIRONMENT
REFRESH SCOPE
BOOTSTRAP PHASE

DEMO

GITHUB.COM/SPRING-CLOUD-SAMPLES/CONFIGSERVER

SPRING CLOUD
NETFLIX

Netflix Open Source Software Center

Repositories Powered By NetflixOSS



zero to docker

Getting Started

Welcome to the Netflix Open Source Software Center. To begin, we recommend working with our [RSS Reader application](#). See this [walkthrough](#) on Answers For AWS to get up and running quickly.

For the simple approach, try out our [ZeroToDocker container images](#). After downloading the images, you can be up and running NetflixOSS in just a few minutes.

After you've tackled that, check out the [IBM ACME Air and Flux Capacitor](#) apps, and the [Zero-to-Cloud workshop](#).

Also, be sure to join our mailing lists and follow us [@NetflixOSS](#) to stay up to date.

Our Repositories

Thumbnail View List View

51 public repos
209 members

Availability



- HYSTRIX**: Features a logo of a bear inside a sunburst.
- SIMIANARMY**: Features a cartoon illustration of monkeys and gorillas.
- TURBINE**: Features a stylized circular logo.

Mailing Lists

We maintain mailing lists for some of our open source projects. Click on the following links to subscribe and/or maintain your subscriptions.

- Asgard Mailing List
- Astyanax Mailing List
- Curator Mailing List
- Exhibitor Mailing List
- SimianArmy Mailing List

Stay in Touch

- Netflix Tech Blog
- [@NetflixOSS](#)

INTEGRATE NETFLIX OS PROJECTS SPRING APPS

EUREKA

SERVICE DISCOVERY

FEIGN

HTTP CLIENT

HYSTRIX

RESILIENCE / MONITORING

RIBBON

INTER PROCESS COMMUNICATION

TURBINE

SSE STREAM AGGREGATOR

ZUUL

EDGE SERVICE

EUREKA

HYSTRIX

SERVICE DISCOVERY

RESILIENCE / MONITORING

DEMO

GITHUB.COM/SPRING-CLOUD-SAMPLES/EUREKA

DEMO

GITHUB.COM/SPRING-CLOUD-SAMPLES/HYSTRIX

SPRING CLOUD AMAZON WEB SERVICES

STARRING

**QUEUEING / NOTIFICATIONS /
E-MAIL / ELASTICACHE /
STORAGE / CLOUD FORMATION
/ EC2 / RELATIONAL
DATABASE SERVICE**

AND A LOT
MORE.

CLOUD FOUNDRY SERVICE CONNECTORS COMMAND LINE CLIENT

PROJECTS.SPRING.IO/SPRING-CLOUD



THANKS!

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