Jordan Zimmerman

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Personal Info

Panama City Panama - US Citizen

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Summary

Jordan Zimmerman has had a distinguished career as a distributed systems and cloud developer. Formerly he was on the Platform team at Netflix. He created Apache Curator, the popular Apache ZooKeeper client as well as other open source projects. He has been published in the Software Developer's Journal, the Cloudera Blog, an Addison-Wesley book and many other publications. He and his wife live in Panama City, Panama.

Experience

Elastic

JAN 2016 - PRESENT

Cloud Engineer

- Member of the Cloud core team
- Part of platform team writing and deploying Elastic's cloud offering
- Java and Scala Services
- Docker, Elasticsearch, ZooKeeper, sbt, Vagrant, AWS

The Apache Software Foundation

MAR 2013 - PRESENT

Committer

Apache Curator lead. Apache Curator is a Java/JVM client library for Apache ZooKeeper, a distributed coordination service. It includes a highlevel API framework and utilities to make using Apache ZooKeeper much easier and more reliable. It also includes recipes for common use cases and extensions such as service discovery and a Java 8 asynchronous DSL.

Blue Jeans Network

SEP 2014 - DEC 2015

Senior Software Engineer Contractor

- Platform team
- Java/REST services
- Integrating Netflix OSS libraries
- ZooKeeper

Qubole

Senior Software Engineer Contractor

- Big data and distributed cloud computing for the world's biggest online game, League of Legends.
- Java REST services
- Integrating Netflix OSS libraries

Riot Games

JULY 2013 - DECEMBER 2013

Senior Software Engineer Contractor

- Big data and distributed cloud computing for the world's biggest online game, League of Legends.
- Java REST services
- Integrating Netflix OSS libraries

Netflix

APRIL 2011 - JULY 2013

Senior Platform Engineer

- Helped build the foundation - shared libraries and infrastructure components - that enables Netflixdevelopment in the Cloud
- Member Platform team
- Java services and libraries
- Initiated the Netflix OSS project by open sourcing Curator - now Apache Curator as well as Exhibitor andGovernator

Proofpoint

MARCH 2010 - APRIL 2011

Architect

Software Architect in the Cloud Services group. Implemented a sharded, cloud-based Lucene search service and helped architect new SaaS platform.

SHOP.COM

JUNE 1997 - MARCH 2010

Principal Software Architect

Architect of AMOS – Altura Merchant Operating System, e-commerce platform used for a variety ofwebsites. Helped transition Altura Software from vendor of developer tools to a dot-com.

Featured Skills

- Java
- ElasticSearch
- JavaScript
- Scala
- ZooKeeper
- Some Go, Some Python
- Various Scripting tools

Links

- https://www.linkedin.com/in/jordanzimmerman/
- https://github.com/Randgalt
- http://jordanzimmerman.com
- https://stackoverflow.com/users/2048051/randgalt?tab=profile

Projects

Soabase

JAN 2015 – PRESENT

http://soabase.io/

A suite of Dropwizard bundles and utilities that aid in building Service Oriented Applications. Soabase is implementation neutral. However, default production-level implementations are provided.

Nirmata Workflow

SEP 2014 – PRESENT

http://nirmataoss.github.io/workflow/

A Java Apache ZooKeeper and Apache Curator based library that enables distributed task workflows. You can build a cluster of servers as large as needed to execute tasks. You can limit servers to certain tasks types and/or allow servers to execute any task.

Exhibitor

OCT 2011 – PRESENT

https://github.com/Netflix/exhibitor

ZooKeeper co-process for instance monitoring, backup/recovery, cleanup and visualization.

Curator

JUN 2011 – PRESENT

http://curator.incubator.apache.org/

Curator is a set of Java libraries that make using Apache ZooKeeper much easier. While ZooKeeper comes bundled with a Java client, using the client is non-trivial and error prone.

My Github Profile

JUN 2011 – PRESENT

https://github.com/randgalt/

My Github projects

Halva

JUN 2016 – JUN 2016

https://github.com/soabase/soabase-halva/blob/master/README.md

Halva: Idiomatic Scala… in Java! Case classes, pattern matching, for-comp, implicits and more!

Governator

OCT 2012 – OCT 2012

https://github.com/Netflix/governator

Governator is a library of extensions and utilities that extend Google Guice to provide: Classpath scanning and automatic binding, Lifecycle management, Configuration to field mapping, Field validation, Parallelized object warmup, Lazy singleton support, Generic binding annotations

sccache

JAN 2007 – JAN 2007

http://code.google.com/p/sccache/

An in-process cache and external, shared Cache

K-Way Merge

http://code.google.com/p/kway/

An implementation of "k-Way Merging" as described in "Fundamentals of Data Structures" by Horowitz/Sahni.

Publications

Apache ZooKeeper Backup, a Treatise

JUN 15, 2016

Elasticsearch Blog

Backing up a ZooKeeper cluster ensemble in production is surprisingly difficult and potentially dangerous.

Apache ZooKeeper Made Simpler with Curator

MAY 29, 2013

Cloudera

Jordan Zimmerman, software engineer at Netflix, talks about the recently announced Apache Curator (incubating) project.

Curator and Exhibitor: A better way to use and manage Apache ZooKeeper

JAN 30, 2013

Software Developer's Journal

Apache Zookeeper is an invaluable component for service- oriented architectures. it effectively solves the difficult problem of distributed coordination (i.e. locking, leader selection, etc.). however, it can be tricky to use correctly. Curator and exhibitor were written to make using and operating Zookeeper easier and less error prone.

J2EE Technology in Practice: Building Business Applications with the Java 2 Platform, Enterprise Ed

JUN 2001

Addison-Wesley

Contributor

A Memory Manager for the Rest of Us

SEP 1991

MacTutor Magazine

The article outlined a portable memory manager written for Screenplay Systems.

Patents

Multi-vendor internet commerce system for e-commerce applications and methods therefore

ISSUED MAR 27, 2007