Third Party Articles

Articles and Blogs About/Mentioning Curator

- **10 Open Source Projects You Need to Know About** - 4. Apache Zookeeper & Curator
- **ZooKeeper: Distributed process coordination** - Has a chapter dedicated to Curator.
- **Apache ZooKeeper Essentials** - Has a chapter on Curator.
- **Call me maybe: Zookeeper** - Because the consequences of its connection model and linearizability properties are subtle, you should, wherever possible, take advantage of tested recipes and client libraries like Curator, which do their best to correctly handle the complex state transitions associated with session and connection loss.
- **What Apache ZooKeeper is and when should it be used? FAQ** - ZooKeeper introduction FAQ.
- **Designing Distributed Systems With ZooKeeper** - Mentions Curator for recipes.
- **Distributed Coordination With ZooKeeper Part 6: Wrapping Up** - In this final blog in the series you'll learn a few tips for administering and tuning ZooKeeper, and we'll introduce the Curator and Exhibitor frameworks.
- **Taming Pythons with ZooKeeper** - Concurrency is hard. Consistency in distributed systems is hard. And then the whole thing should be highly-available and error resilient.
- **Skeptical ZooKeeper** - A high-level guide on when to use zookeeper, and when to reconsider.
- **Zookeeper + Curator = Distributed Sync** - An application developed for one of my recent projects at TouK involved multiple servers. There was a requirement to ensure failover for the system's components. Since I had already a few separate components I didn't want to add more of that, and since there already was a Zookeeper ensemble running - required by one of the services, I've decided to go that way with my solution.
- **Bon appétit: hungry for easier Hadoop coordination?** - Apache ZooKeeper is an invaluable tool for distributed coordination. However, when I began working for Netflix, I found a lot of interest in ZooKeeper but not a lot of experience. A few trials had been done but none of them made it out of the testing sandbox. For that reason, Curator was initially conceived as a way to make ZooKeeper easier to use for non-experts.
- **Adventures in Clustering - part 1** - Last year I added clustering support to a system I had previously developed for a client. The requirements were to implement automated failover to eliminate a single point of failure and to distribute certain kinds of work among members of the cluster.
- **Curator Framework: Reducing the Complexity of Building Distributed Systems** - Optify's Digital Marketing Software Platform collects and processes an impressive amount of data on a daily basis. To handle the volume of pageviews, form submissions, lead scoring, email activities, and Optify Connects many of our services are multi-instanced for both high-availability and throughput.
- **Dataweek Keynote: Large Scale Search, Discovery and Analysis in Action (Slides 23/24)** - Presentation given at TriHUG (Triangle Hadoop User Group) on May 22, 2012. Gives a basic overview of Apache ZooKeeper as well as some common use cases, 3rd party libraries, and "gotchas".
- **Hadoop: The Definitive Guide - 3rd Edition (page 522)** - Ready to unlock the power of your data? With this comprehensive guide, you'll learn how to build and maintain reliable, scalable, distributed systems with Apache Hadoop. This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters.
- **Leader Electon, Curator and Embedded ZK** - Eric Pederson, eric@cpextechnology.com, @sourcedelica, http://sourcedelica.com/blog
- **Software Developer's Journal - Hadoop Issue** - Apache ZooKeeper is an invaluable component for serviceoriented 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.
- **Stay in sync with Apache Zookeeper** - Understand the application of apache zookeeper in a distributed environment. Use-case: Keeping metadata, config files in sync in a large geographically distributed environment.
- **Using Netflix Curator for Service Discovery** - Apache ZooKeeper is a powerful system for managing distributed systems. While ZooKeeper's power is great, and the developers even provide recipes for common use cases, it is perhaps masked by the extreme flexibility and complexity of the system. Thankfully, the folks at Netflix have implemented many of the aforementioned recipes in their Curator framework. The only lacking bit of Curator is documentation—the wiki has a lot of information, but is inscrutable for a beginner. This post intends to simplify the introduction to using Curator for service discovery.
- **Zookeeper, Netflix Curator and ACLs** - If you have one or more Zookeeper "multi-tenant" clusters you may want to protect znodes against unwanted modifications.
- **Apache ZooKeeper Made Simpler with Curator (Thanks, Netflix!)** - Apache ZooKeeper (zookeeper.apache.org) is a client/server system for distributed coordination. On the client side, you use the client library (from Java, C/C++, etc.) to connect to the server. The client library exposes APIs that resemble a simple filesystem. You create/read/update/delete ZNodes via the API.
- **The other Apache technologies your big data solution needs** - Slide 53 describes Curator.
- **Raspberry Pi SharedValue by Zookeeper and Curator** - Shows a usage of Curator's SharedValue.
- **Coordination and service discovery with Apache Zookeeper** - Shows a usage of Curator's ServiceDiscovery.
- **So we're running Apache ZooKeeper. Now What?** - Recommends Curator.
- **Meet the Book Authors: Flavio Junqueira and Benjamin Reed on ZooKeeper** - "Shout out to Curator".
- **Apache Curator Tip Running Embedded Zookeeper Server**
- **Survey of Apache Big Data Stack**
- **Building a Distributed Lock Revisited: Using Curator's InterProcessMutex** - How to use Curator to implement a distributed lock.
- **Why I Love Open Source** - Mentions Curator as a valuable project.
- **Hadoop Ecosystem** - Lists Apache Curator.
- **Top 10 Technologies I Want My Software Engineers to Know In 2014** - Recommends Curator.
- **Inside Apache Oozie HA** - Describes that it uses Curator
- **Apache Drill Presentation** - Drill uses Curator. There is a slide that shows it in this presentation.
- **Adventures with Spring XD and ZooKeeper** - Mentions its use of Curator.
- **Poster: A Cloud-enabled Coordination Service for Internet-scale OMG DDS Applications** - The system uses Curator.
- **ZooKeeper, Curator and How Microservices Load Balancing Works** - Nice use of Curator's Service Discovery recipe.
- **Taming Zookeeper - introduction and "how to" for Java and Python** - Mentions Curator as a client.
- **Brandwatch - How We're Confronting the Challenges** - "Curator and ZooKeeper tame ... complexity"
- **Distributed Java Application Development – Part 5** - Mentions Curator
- **Managing Configuration of Distributed System with Apache ZooKeeper** - Uses Curator
- **How to setup and use zookeeper in scala using Apache Curator** - Describes using Curator from Scala
- **ZooKeeper - The King of Coordination** - Uses Curator
- **Dynamic Service Discovery with Apache Curator**
- **Centralized Application Configuration with Spring and Apache Zookeeper** - Describes how Dealer.com uses ZooKeeper/Curator for Configuration
- **Zookeeper C# Client with IKVM .NET** - Curator from C#

- **Hazelcast Member Discovery Using Curator and ZooKeeper** - Service Discovery with Curator
- **How to: Refine Hive ZooKeeper Lock Manager Implementation** - How Hive used Curator to rationalize its ZooKeeper usage
- **Service Discovery with Zookeeper** - Details using Curator for locking and Discovery
- **Data processing – thinking in hardware and software** - Coordinating tasks with Apache Zookeeper and Curator
- **Extensible distributed coordination** - Discusses ZooKeeper and Curator among other tools
- **Distributed Coordination with Zookeeper and Curator** - Intro to ZooKeeper and Curator
- **gbif.org - Simplified Downloads** - Curator is used to limit the amount of threads that can be running at the same time
- **ZooKeeper for Microservice Registration and Discovery** - "ZooKeeper has a steep learning curve ... [so] this blog will use Apache Curator."
- **SuperChief: From Apache Storm to In-House Distributed Stream Processing** - Uses Apache Curator to elect a leader for the SuperChief topology/cluster
- **25 key tools in Apache's 15 years history** - Curator is listed
- **Service Discovery using Curator Framework** - Discussing the need for a dynamic proxy proposed a dynamic proxy querying the service discovery server to dynamically route the requests which would simplify deployment of services.