

# ArticlesAndPresentations

## Recommended starting points

- [Introduction to Cassandra at FOSDEM 2010](#) (video + slides)
- [How to set up a 4 node Cassandra cluster in under 2 minutes](#)
- [Cassandra by Example](#), an explanation of the [Twissandra](#) data model and code. A demo is up at <http://twissandra.com/>. Ports to [Java](#) and [C#](#) are also available.
- Maxim Grinev's posts on [modeling basics](#), [translating SQL concepts to Cassandra](#), and [update idempotency](#)
- [Introduction to Cassandra Replication and Consistency](#)
- [Not only SQL](#) (Introduction to Apache Cassandra)
- [Cassandra Internals - The read and write path](#)

## Recommended advanced material

- [Cassandra and Puppet](#)
- [What's new in Cassandra 0.6.1, 0.6.2, 0.6.3, 0.6.4, 0.6.5](#)
- [Cassandra performance tuning](#)
- [Cassandra troubleshooting: out of the shadows](#)
- [Facebook's LADIS 2009 whitepaper](#) (heavy on Cassandra internals)
- [Getting to know the Cassandra codebase](#)

## Case studies

- [Jumping from MySQL to Cassandra: a Success Story](#)
- [Cassandra in a realtime bidding infrastructure](#)
- [How Mollum replaced SSDs and an external cache with Cassandra](#)
- [Rainbird: Realtime analytics at Twitter using Cassandra](#)
- [Online Video Analytics with Cassandra at Ooyala](#)
- [Cassandra at Mahalo.com](#)
- [Queuing with Cassandra](#)
- [Real-world Ruby and Cassandra at OtherInbox](#)
- [Reddit's switch from memcachedb to Cassandra](#). There are more comments by the Reddit engineer who did the work, [ketrainis](#), in the [reddit discussion thread](#).
- [SimpleGEO's use of cassandra](#), [an interview with O'Reilly](#), [a blog post with some infrastructure details](#), and [slides from engineer Mike Malone](#)
- [4 Months with Cassandra, a love story](#) by Cloudkick
- [Cassandra @ Twitter: an interview with Ryan King](#)
- [Lucandra, the lucene + cassandra engine powering sparse.ly](#)
- [Why FightMyMonster moved from HBase to Cassandra](#)
- [Looking to the Future with Cassandra](#): how Digg migrated their friends+diggs data set to Cassandra from mysql
- [Facebook engineering notes on implementing inbox search with Cassandra](#)
- [Example how to model your data into nosql with cassandra](#) - a case study on a facebook chat style application.

## Other Articles

- [Migrating Cassandra between Data Centers](#), January 2012
- [10 steps to upgrade a Cassandra node](#), March 2011
- [Cassandra: the importance of system clocks, avoiding OOM and how to escape \(unnecessary\) OOM meltdown](#), February 2011
- [Why Adku chose Cassandra over HBase](#)
- [Modelling basic time series data with Cassandra](#)
- [Modeling market data with Cassandra](#)
- [Installing, monitoring, and performance testing Cassandra on EC2](#)
- [Cassandra Overview, Setup and Java Thrift Client : Part1, Part2 and Part3](#), June 2010
- [Up and running quickly in Java using Pelops](#), June 2010
- [Lucandra: an inside story](#)
- [A Cassandra Glossary](#) (simple explanation of key terms)
- [Locking and transactions over Cassandra using Cages](#), May 2010
- [Cassandra in Action with the Ruby Client](#)
- [Understanding the Cassandra codebase](#)
- [Cassandra Jump Start For The Windows Developer](#), March 2010
- [Importing and exporting JSON data](#)
- [Creating custom column sort types](#)
- [Cassandra: fact vs fiction: in which some misconceptions are corrected](#), April 2010
- [Embedding Cassandra in your JavaEE app server](#), April 2010
- [Creating custom sorting types for Apache Cassandra](#)
- [Installing Cassandra + Thrift on FreeBSD for PHP development](#)
- [Creating a TimeUUID in .NET](#), April 2010
- [Riak vs Cassandra](#)

- Installing and using Cassandra with Java, [part 1 \(setup\)](#), [2 \(data model\)](#) and [3 \(data model 2\)](#). Part 4 is titled [Thrift Client](#) but it's also another data model example, with code samples
- [Cassandra in action](#): round up of Cassandra articles and deployments in February and March of 2010, March 2010
- [Cassandra Internals: Writing and reading](#), March 2010
- [Digg: Going Steady with Cassandra](#)
- [Haskell & Cassandra: First Steps](#), March 2010
- [Running Multiple Cassandra Nodes on a Single Host](#), March 2010
- [How To Configure Cassandra On A CentOS Media Temple DV Server](#) and [another CentOS installation guide](#), March 2010
- [WTF is a SuperColumn?](#) an Introduction to the Cassandra Data Model. See also an independent [Java implementation](#) of the example model discussed here.
- [Using Data Models in Cassandra](#)
- [Hector: a Java Cassandra client](#), February 2010
- [Cassandra: RandomPartitioner vs OrderPreservingPartitioner](#), February 2010
- [Running Cassandra as an embedded service](#), February 2010
- [Benchmarking Cloud Serving Systems with YCSB](#): Yahoo's paper comparing Cassandra, HBase, PNUTS, and sharded MySQL performance.
- [Indexes with Cassandra](#)
- [Installing Cassandra on Ubuntu Linux](#)
- [Cassandra – Getting Started: Cassandra data model from a Java perspective](#)
- [Using Cassandra's Thrift interface with Ruby](#)
- [Cassandra and Thrift on OS X: one, two, three](#), November 2009
- [Building Scalable Databases: Denormalization, the NoSQL Movement and Digg](#), September 2009
- [Meet Scalandra: Scala wrapper for Cassandra](#), August 2009
- [Cassandra and Ruby: A Love Affair?](#) - Engine Yard's walk-through of the Cassandra gem, 2009
- [Up and Running with Cassandra](#): ruby-centric examples of a Twitter clone and a multi-user blog
- [Building a Small Cassandra Cluster for Testing](#), September 2009
- [Persistência nas Nuvens com NoSQL](#), Brazilian Portuguese, June 2011
- [Cassandra y Hector](#), Spanish, October 2011
- [How Apache Cassandra executes CQL queries?](#), English, June 2016

## Presentations

- [Bases de Datos NoSQL - Apache Cassandra \(in spanish\)](#) - Roberto Amor, April 2012
- [Introduction à Cassandra \(in french\)](#) - Nicolas Romanetti, January 2012
- [Cassandra pour les \(ch'tis\) Développeurs Java](#) - Jérémy Sevellec, December 2011
- [Cassandra Data Modeling Workshop](#) - Cassandra SF, Matthew F. Dennis, July 2011
- [Cassandra/Hadoop Integration](#) - Jeremy Hanna, January 2011
- [Using Cassandra with your Web Application](#) - Tom Melendez, Oct 2010
- [CassandraHBaseNoSQL](#) by Shusuke Shiina (Sep 2010 Japanese)
- [On Rails with Apache Cassandra](#) - Stu Hood, April 2010
- [Introduction to NoSQL and Cassandra at Outbrain](#), April 2010
- [Cassandra NoSQL EU](#) April 2010
- [Cassandra NoSQL in Spanish](#)
- [Scaling Twitter with Cassandra](#) from Twitter's Chirp conference, April 2010
- [Outside the Box with Apache Cassandra](#) from POSSCON, April 2010
- [Cassandra overview at the San Antonio JUG](#), April 2010
- [Cassandra at Frugal Mechanic](#) from the Seattle Tech Startups Meetup (March 2010)
- [Introduction to Cassandra](#) from the Austin Java Users Group (Jan 2010)
- [Introduction to Cassandra at Outbrain](#), [Part 1](#) and [Part 2](#)
- [Cassandra for Rails](#) from the Spanish Rails Conference 2009
- [Cassandra in Production at Digg](#) from NoSQL East 09
- [Introduction to Cassandra at OSCON 09](#)
- [What Every Developer Should Know About Database Scalability](#): presentation on RDBMS vs. Dynamo, [BigTable](#), and Cassandra
- [IBM Research's scalable mail storage on Cassandra](#)
- [NOSQL meetup video - NOSQL Slides](#): More on Cassandra internals from Avinash Lakshman.
- [Cassandra presentation at sigmod](#): mostly the same slides as above
- [NoSQL: onde, como e por quê? Cassandra e MongoDB](#): Rodrigo Hjort (Nov 2011 pt\_BR)

## Podcasts

- [The Cassandra Project - Technometria](#): Phil Windley interviews Jonathan Ellis on Cassandra. Date: 2010-03-09.
- [Dude, Where's My Database?! - Techzing! #8](#): Justin & Jason talk to Jonathan Ellis about Cassandra. Date: 2009-07-01

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