



# Apache Cassandra Hands-On Training Level One

*By Ruth Stryker*

Download now

Read Online 

## Apache Cassandra Hands-On Training Level One By Ruth Stryker

Written in a clear, step-by-step manner, this 400-page course provides an excellent starting point for people that want to get into Apache Cassandra and learn best by doing.

A high-quality, project-based, hands-on training courseware book, Apache Cassandra Hands-On Training Level One is designed to be used as the student book for a 2-day introductory level Cassandra course delivered by a Cassandra instructor. Having said that, this book can also be done as a self-paced training course.

Recommended prerequisites for this training book are experience with databases, SQL, and programming.

This hands-on training course takes people through the basics of working with Cassandra as they learn how to install Cassandra, create a database, create tables, insert, update, and delete data, and create an application, as well as create and modify a multiple-node cluster.

Unit 1: Understanding What Cassandra is For

Unit 2: Getting Started with the Architecture

Unit 3: Installing Cassandra

Unit 4: Communicating with Cassandra

Unit 5: Creating a Database

Unit 6: Creating a Table

Unit 7: Inserting Data

Unit 8: Modeling Data

Unit 9: Creating an Application

Unit 10: Updating and Deleting Data

Unit 11: Selecting Hardware

Unit 12: Adding Nodes to a Cluster

Unit 13: Repairing Nodes

Unit 14: Removing a Node

Unit 15: Monitoring a Cluster

Unit 16: Adding a Data Center

As virtual machine images are used extensively throughout this hands-on course, including for the creation of a multiple-node Cassandra cluster, any computer used for the exercises in this course needs to be relatively high spec. Specifically, a computer with the following is needed:

64-bit operating system (Mac, Windows, or Linux)  
8GB (or more) of RAM  
30GB (or more) of free hard drive space  
Latest version of VMware Player (or VirtualBox) installed and working  
A way to unzip files  
Acrobat Reader (or equivalent, for viewing a PDF file)

For the full outline, and class files download, see [ruthstryker.com/books/achotl1](http://ruthstryker.com/books/achotl1).

For a sample unit,  
see [ruthstryker.com/books/achotl1/achotl1\\_ch06\\_20140717.pdf](http://ruthstryker.com/books/achotl1/achotl1_ch06_20140717.pdf) (Unit 6) or  
[ruthstryker.com/books/achotl1/achotl1\\_ch15\\_20140717.pdf](http://ruthstryker.com/books/achotl1/achotl1_ch15_20140717.pdf) (Unit 15).

For the setup steps, see  
[ruthstryker.com/books/achotl1/achotl1\\_apC\\_20140722.pdf](http://ruthstryker.com/books/achotl1/achotl1_apC_20140722.pdf) (Appendix C).

Student comments about the book:

"Excellent starter course that has taken me from knowing nothing of Cassandra to feeling confident in setting up and using it."

"Level covered in book is just right."

"Course material was good. It had a wide range of labs and was very helpful in understanding the agenda."

"Course material was well-written and easy to follow."

"Excellent introduction into Cassandra filled with hands-on exercises for all topics."

"Material covers the basics quite well."

 [Download Apache Cassandra Hands-On Training Level One ...pdf](#)

 [Read Online Apache Cassandra Hands-On Training Level One ...pdf](#)

# Apache Cassandra Hands-On Training Level One

*By Ruth Stryker*

## Apache Cassandra Hands-On Training Level One By Ruth Stryker

Written in a clear, step-by-step manner, this 400-page course provides an excellent starting point for people that want to get into Apache Cassandra and learn best by doing.

A high-quality, project-based, hands-on training courseware book, Apache Cassandra Hands-On Training Level One is designed to be used as the student book for a 2-day introductory level Cassandra course delivered by a Cassandra instructor. Having said that, this book can also be done as a self-paced training course.

Recommended prerequisites for this training book are experience with databases, SQL, and programming.

This hands-on training course takes people through the basics of working with Cassandra as they learn how to install Cassandra, create a database, create tables, insert, update, and delete data, and create an application, as well as create and modify a multiple-node cluster.

Unit 1: Understanding What Cassandra is For

Unit 2: Getting Started with the Architecture

Unit 3: Installing Cassandra

Unit 4: Communicating with Cassandra

Unit 5: Creating a Database

Unit 6: Creating a Table

Unit 7: Inserting Data

Unit 8: Modeling Data

Unit 9: Creating an Application

Unit 10: Updating and Deleting Data

Unit 11: Selecting Hardware

Unit 12: Adding Nodes to a Cluster

Unit 13: Repairing Nodes

Unit 14: Removing a Node

Unit 15: Monitoring a Cluster

Unit 16: Adding a Data Center

As virtual machine images are used extensively throughout this hands-on course, including for the creation of a multiple-node Cassandra cluster, any computer used for the exercises in this course needs to be relatively high spec. Specifically, a computer with the following is needed:

64-bit operating system (Mac, Windows, or Linux)

8GB (or more) of RAM

30GB (or more) of free hard drive space

Latest version of VMware Player (or VirtualBox) installed and working

A way to unzip files

Acrobat Reader (or equivalent, for viewing a PDF file)

For the full outline, and class files download, see [ruthstryker.com/books/achotl1](http://ruthstryker.com/books/achotl1).

For a sample unit, see [ruthstryker.com/books/achotl1/achotl1\\_ch06\\_20140717.pdf](http://ruthstryker.com/books/achotl1/achotl1_ch06_20140717.pdf) (Unit 6) or [ruthstryker.com/books/achotl1/achotl1\\_ch15\\_20140717.pdf](http://ruthstryker.com/books/achotl1/achotl1_ch15_20140717.pdf) (Unit 15).

For the setup steps, see [ruthstryker.com/books/achotl1/achotl1\\_apC\\_20140722.pdf](http://ruthstryker.com/books/achotl1/achotl1_apC_20140722.pdf) (Appendix C).

Student comments about the book:

"Excellent starter course that has taken me from knowing nothing of Cassandra to feeling confident in setting up and using it."

"Level covered in book is just right."

"Course material was good. It had a wide range of labs and was very helpful in understanding the agenda."

"Course material was well-written and easy to follow."

"Excellent introduction into Cassandra filled with hands-on exercises for all topics."

"Material covers the basics quite well."

### **Apache Cassandra Hands-On Training Level One By Ruth Stryker Bibliography**

- Sales Rank: #989091 in Books
- Published on: 2014-07-23
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x .92" w x 8.50" l, 2.06 pounds
- Binding: Paperback
- 406 pages

 [Download Apache Cassandra Hands-On Training Level One ...pdf](#)

 [Read Online Apache Cassandra Hands-On Training Level One ...pdf](#)

### Editorial Review

#### About the Author

Ruth Stryker is a long-time trainer who enjoys teaching in a clear and easy-to-understand manner, providing people who are new to a technology with a solid foundation as they move forward. Her all-time favorite student quote is, "Ruth rocks!" With 20 years of experience delivering technical training throughout the San Francisco Bay Area and across the U.S., Ruth now lives in London and delivers training worldwide. She can best be contacted via email ([ruth\(at\)ruthstryker.com](mailto:ruth@ruthstryker.com)), LinkedIn ([linkedin.com/in/ruthstryker](https://www.linkedin.com/in/ruthstryker)), or Twitter ([@ruthstryker](https://twitter.com/ruthstryker)).

### Users Review

#### From reader reviews:

##### Michael Harmon:

Do you among people who can't read satisfying if the sentence chained within the straightway, hold on guys this specific aren't like that. This Apache Cassandra Hands-On Training Level One book is readable by means of you who hate those straight word style. You will find the data here are arrange for enjoyable reading through experience without leaving possibly decrease the knowledge that want to deliver to you. The writer of Apache Cassandra Hands-On Training Level One content conveys the idea easily to understand by many individuals. The printed and e-book are not different in the articles but it just different available as it. So , do you even now thinking Apache Cassandra Hands-On Training Level One is not loveable to be your top list reading book?

##### Kelley Thornton:

Hey guys, do you really wants to finds a new book you just read? May be the book with the headline Apache Cassandra Hands-On Training Level One suitable to you? Often the book was written by well-known writer in this era. Often the book untitled Apache Cassandra Hands-On Training Level One is one of several books in which everyone read now. This particular book was inspired a number of people in the world. When you read this publication you will enter the new dimensions that you ever know ahead of. The author explained their strategy in the simple way, consequently all of people can easily to know the core of this book. This book will give you a lots of information about this world now. So that you can see the represented of the world in this book.

##### Christopher Jaeger:

You are able to spend your free time to learn this book this e-book. This Apache Cassandra Hands-On Training Level One is simple bringing you can read it in the recreation area, in the beach, train as well as soon. If you did not have much space to bring typically the printed book, you can buy the actual e-book. It is make you better to read it. You can save typically the book in your smart phone. And so there are a lot of benefits that you will get when you buy this book.

**Carolyn Alcantara:**

Do you like reading a reserve? Confuse to looking for your selected book? Or your book ended up being rare? Why so many problem for the book? But virtually any people feel that they enjoy to get reading. Some people likes studying, not only science book but also novel and Apache Cassandra Hands-On Training Level One as well as others sources were given understanding for you. After you know how the fantastic a book, you feel wish to read more and more. Science reserve was created for teacher or perhaps students especially. Those publications are helping them to put their knowledge. In additional case, beside science guide, any other book likes Apache Cassandra Hands-On Training Level One to make your spare time far more colorful. Many types of book like this.

**Download and Read Online Apache Cassandra Hands-On Training Level One By Ruth Stryker #DR5I8WS6VYC**

## **Read Apache Cassandra Hands-On Training Level One By Ruth Stryker for online ebook**

Apache Cassandra Hands-On Training Level One By Ruth Stryker Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Apache Cassandra Hands-On Training Level One By Ruth Stryker books to read online.

### **Online Apache Cassandra Hands-On Training Level One By Ruth Stryker ebook PDF download**

**Apache Cassandra Hands-On Training Level One By Ruth Stryker Doc**

**Apache Cassandra Hands-On Training Level One By Ruth Stryker Mobipocket**

**Apache Cassandra Hands-On Training Level One By Ruth Stryker EPub**