



# Practical Hadoop Ecosystem: A Definitive Guide to Hadoop-Related Frameworks and Tools

*By Deepak Vohra*

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## **Practical Hadoop Ecosystem: A Definitive Guide to Hadoop-Related Frameworks and Tools** By Deepak Vohra

Learn how to use the Apache Hadoop projects, including MapReduce, HDFS, Apache Hive, Apache HBase, Apache Kafka, Apache Mahout, and Apache Solr. From setting up the environment to running sample applications each chapter in this book is a practical tutorial on using an Apache Hadoop ecosystem project.

While several books on Apache Hadoop are available, most are based on the main projects, MapReduce and HDFS, and none discusses the other Apache Hadoop ecosystem projects and how they all work together as a cohesive big data development platform.

### **What You Will Learn:**

- Set up the environment in Linux for Hadoop projects using Cloudera Hadoop Distribution CDH 5
- Run a MapReduce job
- Store data with Apache Hive, and Apache HBase
- Index data in HDFS with Apache Solr
- Develop a Kafka messaging system
- Stream Logs to HDFS with Apache Flume
- Transfer data from MySQL database to Hive, HDFS, and HBase with Sqoop
- Create a Hive table over Apache Solr
- Develop a Mahout User Recommender System

### **Who This Book Is For:**

Apache Hadoop developers. Pre-requisite knowledge of Linux and some knowledge of Hadoop is required.

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- Rank: #1488085 in eBooks
- Published on: 2016-09-30
- Released on: 2016-09-30
- Format: Kindle eBook

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### **Editorial Review**

From the Back Cover

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About the Author

Deepak Vohra is a coder, developer, programmer, book author, and technical reviewer.

### **Users Review**

**From reader reviews:**

**Pamela Steele:**

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