Apache HBase Primer

Deepak Vohra

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About the Author

Deepak Vohra is a consultant and a principal member of the NuBean software company. Deepak is a Sun-certified Java programmer and Web component developer. He has worked in the fields of XML, Java programming, and Java EE for over seven years. Deepak is the coauthor of *Pro XML Development with Java Technology* (Apress, 2006). Deepak is also the author of the *JDBC 4.0* and *Oracle JDeveloper for J2EE Development, Processing XML Documents with Oracle JDeveloper 11g, EJB 3.0 Database Persistence with Oracle Fusion Middleware 11g*, and *Java EE Development in Eclipse IDE* (Packt Publishing). He also served as the technical reviewer on *WebLogic: The Definitive Guide* (O'Reilly Media, 2004) and *Ruby Programming for the Absolute Beginner (*Cengage Learning PTR, 2007).

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Massimo has reviewed more than 40 IT books for different publishing companies, and he is the coauthor of *Pro Android Games* (Apress, 2015).

Introduction

Apache HBase is an open source NoSQL database based on the wide-column data store model. HBase was initially released in 2008. While many NoSQL databases are available, Apache HBase is the database for the Apache Hadoop ecosystem.

HBase supports most of the commonly used programming languages such as C, C++, PHP, and Java. The implementation language of HBase is Java. HBase provides access support with Java API, RESTful HTTP API, and Thrift.

Some of the other Apache HBase books have a practical orientation and do not discuss HBase concepts in much detail. In this primer level book, I shall discuss Apache HBase concepts. For practical use of Apache HBase, refer another Apress book: *Practical Hadoop Ecosystem*.