



## Apache HBase Primer

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Condition: New. Publisher/Verlag: Springer, Berlin | Learn the fundamental foundations and concepts of the Apache HBase (NoSQL) open source database. It covers the HBase data model, architecture, schema design, API, and administration. Apache HBase is the database for the Apache Hadoop framework. HBase is a column family based NoSQL database that provides a flexible schema model. What You&apos;ll Learn Work with the core concepts of HBase Discover the HBase data model, schema design, and architecture Use the HBase API and administration Who This Book Is For Apache HBase (NoSQL) database users, designers, developers, and admins. | Section I: Core Concepts 1. Fundamental Characteristics of Apache HBase 2. Apache HBase and HDFS 3. Application Characteristics for Apache HBase Section II-Data Model 4. Physical Storage 5. Column Family and a Column Qualifier 6. Row Versioning 7. Logical Storage Section III-Architecture 8. Components of HBase Cluster 9. Regions 10. Finding a row in an HBase table 11. Compactions 12. RegionServer Failover 13. RegionServer Splits Section IV-Schema Design 14. Creating Column Families 15. Defining the row keys for optimal read performance and Locality Section V-Apache HBase API 16. The HBaseAdmin Class 17. The Get Class 18. The HTable Class Section VI-Administration 19. Using the Shell 20. Bulk...



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