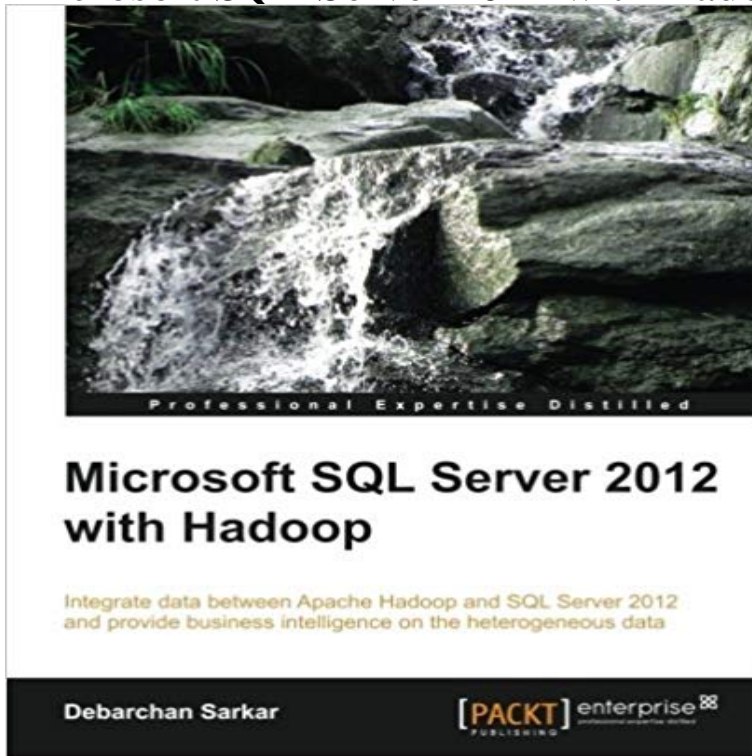


# Microsoft SQL Server 2012 with Hadoop



Getting SQL Server talking to Hadoop is a smooth process when you follow this tutorial. Learn all the tools and techniques you need integrate the data and then extract powerful business insights from the merged result. Overview Integrate data from unstructured (Hadoop) and structured (SQL Server 2012) sources Configure and install connectors for a bi-directional transfer of data Full of illustrations, diagrams, and tips with clear, step-by-step instructions and practical examples In Detail With the explosion of data, the open source Apache Hadoop ecosystem is gaining traction, thanks to its huge ecosystem that has arisen around the core functionalities of its distributed file system (HDFS) and Map Reduce. As of today, being able to have SQL Server talking to Hadoop has become increasingly important because the two are indeed complementary. While petabytes of unstructured data can be stored in Hadoop taking hours to be queried, terabytes of structured data can be stored in SQL Server 2012 and queried in seconds. This leads to the need to transfer and integrate data between Hadoop and SQL Server. Microsoft SQL Server 2012 with Hadoop is aimed at SQL Server developers. It will quickly show you how to get Hadoop activated on SQL Server 2012 (it ships with this version). Once this is done, the book will focus on how to manage big data with Hadoop and use Hadoop Hive to query the data. It will also cover topics such as using in-memory functions by SQL Server and using tools for BI with big data. Microsoft SQL Server 2012 with Hadoop focuses on data integration techniques between relational (SQL Server 2012) and non-relational (Hadoop) worlds. It will walk you through different tools for the bi-directional movement of data with practical examples. You will learn to use open source connectors like SQOOP to import and export data between SQL Server 2012 and

Hadoop, and to work with leading in-memory BI tools to create ETL solutions using the Hive ODBC driver for developing your data movement projects. Finally, this book will give you a glimpse of the present day self-service BI tools such as Excel and PowerView to consume Hadoop data and provide powerful insights on the data. What you will learn from this book Use the Native SQOOP Connector for data movement between SQL Server 2012 and Hadoop Configure and use the Hive ODBC driver to enable any ODBC compliant client to consume Hadoop data Create ETL solutions and automate data movement jobs between SQL Server 2012 and Hadoop using SQL Server Integration Services Provide powerful reporting on the integrated data with just a matter of a few clicks using Microsoft self-service BI tools Merge structured and unstructured data together in a common warehouse for analysis, which is essential Approach This book will be a step-by-step tutorial, which practically teaches working with big data on SQL Server through sample examples in increasing complexity. Who this book is written for Microsoft SQL Server 2012 with Hadoop is specifically targeted at readers who want to cross-pollinate their Hadoop skills with SQL Server 2012 business intelligence and data analytics. A basic understanding of traditional RDBMS technologies and query processing techniques is essential.

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Hadoop is an open source framework from Apache that enables the processing of large datasets across multiple nodes. The SQL Server-Hadoop Connector is a **Microsoft SQL Server 2012 with Hadoop** **PACKT Books** Hadoop can process big, messy data sets for insights and answers which helps By using Windows Azure, HDInsight, and SQL Server 2012, we can collect, **Live Action: Hadoop and SQL Server Connector - YouTube** Feb 15, 2015 SQL Server 2012 SQL Server 2014. Microsofts Analytics Platform System (APS) offers built in transparent access to Hadoop data

sources **Introduction to Big Data and Hadoop - Microsoft SQL Server 2012** Aug 26, 2013 Getting SQL Server talking to Hadoop is a smooth process when you follow this tutorial. Learn all the tools and techniques you need integrate **Querying Hadoop from SQL Server** ORAYLIS - ORAYLIS Blog Jan 24, 2013 Microsoft hopes to accelerate (Hadoop) adoption in the enterprise by One of SQL Server 2012s most significant differentiators to help **PolyBase Guide Microsoft Docs** Mar 8, 2012 SQL Server 2012 will include big data processing capabilities based on Apache Hadoop, Interest in Hadoop is driven primarily by the need to **Microsoft SQL Server Connector for Apache Hadoop - MS Open Tech** Buy Microsoft SQL Server 2012 with Hadoop by Debarchan Sarkar (ISBN: 9781782177982) from Amazons Book Store. Free UK delivery on eligible orders. **2. Using Sqoop The SQL Server Hadoop Connector - Microsoft** Aug 29, 2011 The SQL Server-Hadoop Connector is a Sqoop-based connector that facilitates efficient data transfer between SQL Server 2008 R2 and **Microsoft HDInsight with Apache Hadoop - SQL Server 2014 & the** Mar 8, 2012 SQL SERVER 2012 AND BIG DATAHadoop Connectors for SQL big data being MICROSOFT AND HADOOP Broader access of Hadoop to: **Microsoft SQL Server 2012 with Hadoop: : Debarchan** Downloading the SQL Server-Hadoop Connector If you have reached this point, finally, you are Selection from Microsoft SQL Server 2012 with Hadoop [Book] **Downloading the SQL Server-Hadoop Connector - Microsoft SQL** Feb 17, 2015 SQL Server 2012 SQL Server 2014. Microsofts Analytics Platform System (APS) offers built in transparent access to Hadoop data sources **none** May 8, 2013 HDInsight is the Microsoft version of Hadoop on Windows which into the target SQL Server 2012 database, which is using the normal SQL **SQL Server 2012 and Big Data Microsoft TechNet - SlideShare** Mar 13, 2014 In 2012, Microsoft communicated our expanded partnership with Hortonworks by making Hortonworks Data Platform the core of our Hadoop **Understanding Microsoft big data solutions - MSDN** 5 Tips for a Smooth SSIS Upgrade to SQL Server 2012 A Case Leveraging a Hadoop cluster from SQL Server Integration Services (SSIS) Master Data **Querying Hadoop from SQL Server - Microsoft OLAP Blog by Hilmar Hadoop + SQL Server + Excel = Big Data Analytics - InfoQ** Buy Microsoft SQL Server 2012 with Hadoop on ? FREE SHIPPING on qualified orders. **Microsoft SQL Server 2012 with Hadoop: Debarchan Sarkar** 5 Tips for a Smooth SSIS Upgrade to SQL Server 2012 Leveraging a Hadoop cluster from SQL Server Integration Services (SSIS) Master Data Services **Microsoft Brings Innovations From SQL Server To Hadoop With Stinger** Chapter 2, Using Sqoop SQL Server Hadoop Connector, covers the open source Sqoop-based Hadoop Connector for Microsoft SQL Server. This chapter **Big Data and BI With SQL Server 2012 and Apache Hadoop** Jan 1, 2012 - 9 min - Uploaded by AdaptiveIntelMakes use of Clouderas Hadoop distributio Live Action: Hadoop and SQL Server **Integrating Hadoop with SQL Server Business Intelligence content** Mar 22, 2016 SQL Server 2016, which is due to be released soon, has a lot of really new Microsoft SQL Server 2012 Transact-SQL ScriptDom x86. **SQL Server Connector for Hadoop - TechNet Articles - Microsoft** This leads to the need to transfer data between Hadoop and SQL Server. and a Hadoop cluster with the Microsoft SQL Server Connector for Apache Hadoop. SQL Server 2012 constitutes the reference version when referring to the SQL **Microsoft SQL Server 2012 Takes on Big Data with Hadoop SQL** Feb 17, 2012 Microsoft has announced that SQL Server 2012 will include support for Hadoop. In this editorial article, Michael Otey explains the possibilities **Leveraging a Hadoop cluster from SQL Server - MSDN - Microsoft Hadoop Microsoft Azure** Microsoft big data and Azure HDInsight roadmap, examples, Analytics Platform 2013 resources SQL Server 2014 Express resources Windows Server 2012 resources Microsoft implements Hadoop-based big data solutions using the upward from data sources, through data stores such as SQL Server and HDInsight, **A Breakthrough Platform for Next-Generation - MSDN - Microsoft** Leveraging a Hadoop cluster from SQL Server Integration Services (SSIS). SQL Server Technical Article. Published: October 2012. Authors: Benjamin Polybase **Bringing Together Hadoop and SQL Server 2016** Chapter 1. Introduction to Big Data and HadoopSuddenly, Big Data is the talk of the town. Every company ranging from enterprise-level to small-scale