SQL Server 2012 Data Integration Recipes: Solutions for Integration Services and Other ETL Tools (Expert's Voice in SQL Server)

Adam Aspin

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SQL Server 2012 Data Integration Recipes provides focused and practical solutions to real world problems of data integration. Need to import data into SQL Server from an outside source? Need to export data and send it to another system? *SQL Server 2012 Data Integration Recipes* has your back. You'll find solutions for importing from Microsoft Office data stores such as Excel and Access, from text files such as CSV files, from XML, from other database brands such as Oracle and MySQL, and even from other SQL Server databases. You'll learn techniques for managing metadata, transforming data to meet the needs of the target system, handling exceptions and errors, and much more.

What DBA or developer isn't faced with the need to move data back and forth? Author Adam Aspin brings 10 years of extensive ETL experience involving SQL Server, and especially satellite products such as Data Transformation Services and SQL Server Integration Services. Extensive coverage is given to Integration Services, Microsoft's flagship tool for data integration in SQL Server environments. Coverage is also given to the broader range of tools such as OPENDATASOURCE, linked servers, OPENROWSET, Migration Assistant for Access, BCP Import, and BULK INSERT just to name a few. If you're looking for a resource to cover data integration and ETL across the gamut of Microsoft's SQL Server toolset, *SQL Server 2012 Data Integration Recipes* is the one book that will meet your needs.

- Provides practical and proven solutions towards creating resilient ETL environments
- Clearly answers the tough questions which professionals ask
- Goes beyond the tools to a thorough discussion of the underlying techniques
- Covers the gamut of data integration, beyond just SSIS
- Includes example databases and files to allow readers to test the recipes

What you'll learn

- Import and export to and from CSV files, XML files, and other text-based sources.
- Move data between SQL databases, including SQL Server and others such as Oracle Database and MySQL.
- Discover and manage metadata held in various database systems.
- Remove duplicates and consolidate from multiple sources.
- Transform data to meet the needs of target systems.
- Profile source data as part of the discovery process.
- Log and manage errors and exceptions during an ETL process.
- Improve efficiency by detecting and processing only changed data.

Who this book is for

SQL Server 2012 Data Integration Recipes is written for developers wishing to find fast and reliable solutions for importing and exporting to and from SQL Server. The book appeals to DBAs as well, who are

often tasked with implementing ETL processes. Developers and DBAs moving to SQL Server from other platforms will find the succinct, example-based approach ideal for quickly applying their general ETL knowledge to the specific tools provided as part of a SQL Server environment.

Table of Contents

1. MS Office Data Sources
2. Flat File Sources
3. XML Data Sources
4. SQL Database Sources
5. SQL Server Sources
6. Miscellaneous Data Sources
7. Exporting Data from SQL Server
8. Metadata
9. Data Transformation
10. Data Profiling
11. Delta Data Management
12. Change Tracking and Change Data Capture
13. Optimising Data Import
14. ET Process Acceleration
15. Logging and Auditing
16. Appendix A: Data Types
17. Appendix B: Sample Databases and Scripts

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