# Microsoft SQL Server 2012 Integration Services: An Expert Cookbook

*By Reza Rad, Pedro Perfeito*

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**Microsoft SQL Server 2012 Integration Services: An Expert Cookbook** By Reza Rad, Pedro Perfeito

Over 80 expert recipes to design, create, and deploy SSIS packages

- Full of illustrations, diagrams, and tips with clear step-by-step instructions and real time examples
- Master all transformations in SSIS and their usages with real-world scenarios
- Learn to make SSIS packages re-startable and robust; and work with transactions
- Get hold of data cleansing and fuzzy operations in SSIS

**In Detail**

SQL Server Integration Services (SSIS) is a leading tool in the data warehouse industry - used for performing extraction, transformation, and load operations. This book is aligned with the most common methodology associated with SSIS known as Extract Transform and Load (ETL); ETL is responsible for the extraction of data from several sources, their cleansing, customization, and loading into a central repository normally called Data Warehouse or Data Mart.

Microsoft SQL Server 2012 Integration Services: An Expert Cookbook covers all the aspects of SSIS 2012 with lots of real-world scenarios to help readers understand usages of SSIS in every environment.

Written by two SQL Server MVPs who have in-depth knowledge of SSIS having worked with it for many years.

This book starts by creating simple data transfer packages with wizards and illustrates how to create more complex data transfer packages, troubleshoot packages, make robust SSIS packages, and how to boost the performance of data consolidation with SSIS. It then covers data flow transformations and advanced transformations for data cleansing, fuzzy and term extraction in detail. The book then dives deep into making a dynamic package with the help of expressions and variables, and performance tuning and consideration.

**What you will learn from this book**

- Step-by-step instructions to create Data Flow; and working with different sources and destinations
- Focus on some best practices for raising the performance of packages and data flow
- Understand Containers and Loop structures in SSIS
- Explore all the aspects of event handlers in SSIS
- Gain knowledge to debug, troubleshoot, and migrate packages
- Master the different ways to deploy and execute packages

**Approach**

This book is written in a simple, easy to understand format with lots of screenshots and step-by-step explanations.

**Who this book is written for**

If you are an SQL database administrator or developer looking to explore all the aspects of SSIS and need to use SSIS in the data transfer parts of systems, then this is the best guide for you. Basic understanding of working with SQL Server Integration Services is required.

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## Editorial Review

About the Author
Reza Rad is a Senior Microsoft BI Consultant, Author, and Trainer. He has a BsC in Computer engineering; he has more than 10 years' experience in programming and development mostly on Microsoft technologies. He got his Microsoft MVP in SQL Server in 2011 and 2012 for his dedication in SSIS. He is known as Reza Rad in online communities and forums, his official Name is Abolfazl Radgoudarzi. Reza has worked on Microsoft BI suite for more than six years.
He is a SSIS/MSBI/.NET Trainer and also a software and BI Consultant at some companies and private institutes. He was co-author of the SQL Server MVP Deep Dive Volume 2. His articles on different aspects of technologies especially on SSIS can be found on his blog: **rad.pasfu.com**, his direct email address is **a.raad.g@gmail.com**

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