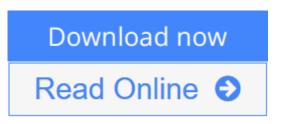


# Pentaho Data Integration Cookbook Second Edition

By Alex Meadows, Adrián Sergio Pulvirenti, María Carina Roldán



**Pentaho Data Integration Cookbook Second Edition** By Alex Meadows, Adrián Sergio Pulvirenti, María Carina Roldán

The premier open source ETL tool is at your command with this recipe-packed cookbook. Learn to use data sources in Kettle, avoid pitfalls, and dig out the advanced features of Pentaho Data Integration the easy way.

#### Overview

- Intergrate Kettle in integration with other components of the Pentaho Business Intelligence Suite, to build and publish Mondrian schemas,create reports, and populatedashboards
- This book contains an organized sequence of recipes packed with screenshots, tables, and tips so you can complete the tasks as efficiently as possible
- Manipulate your data by exploring, transforming, validating, integrating, and performing data analysis

#### In Detail

Pentaho Data Integration is the premier open source ETL tool, providing easy, fast, and effective ways to move and transform data. While PDI is relatively easy to pick up, it can take time to learn the best practices so you can design your transformations to process data faster and more efficiently. If you are looking for clear and practical recipes that will advance your skills in Kettle, then this is the book for you.

Pentaho Data Integration Cookbook Second Edition guides you through the features of explains the Kettle features in detail and provides easy to follow recipes on file management and databases that can throw a curve ball to even the most experienced developers.

Pentaho Data Integration Cookbook Second Edition provides updates to the material covered in the first edition as well as new recipes that show you how to use some of the key features of PDI that have been released since the publication of the first edition. You will learn how to work with various data sources – from relational and NoSQL databases, flat files, XML files, and more. The book will

also cover best practices that you can take advantage of immediately within your own solutions, like building reusable code, data quality, and plugins that can add even more functionality.

Pentaho Data Integration Cookbook Second Edition will provide you with the recipes that cover the common pitfalls that even seasoned developers can find themselves facing. You will also learn how to use various data sources in Kettle as well as advanced features.

#### What you will learn from this book

- Configure Kettle to connect to relational and NoSQL databases and web applications like SalesForce, explore them, and perform CRUD operations
- Utilize plugins to get even more functionality into your Kettle jobs
- Embed Java code in your transformations to gain performance and flexibility
- Execute and reuse transformations and jobs in different ways
- Integrate Kettle with Pentaho Reporting, Pentaho Dashboards, Community Data Access, and the Pentaho BI Platform
- Interface Kettle with cloud-based applications
- Learn how to control and manipulate data flows
- Utilize Kettle to create datasets for analytics

#### Approach

Pentaho Data Integration Cookbook Second Edition is written in a cookbook format, presenting examples in the style of recipes. This allows you to go directly to your topic of interest, or follow topics throughout a chapter to gain a thorough in-depth knowledge.

#### Who this book is written for

Pentaho Data Integration Cookbook Second Edition is designed for developers who are familiar with the basics of Kettle but who wish to move up to the next level.It is also aimed at advanced users that want to learn how to use the new features of PDI as well as and best practices for working with Kettle.

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## **Editorial Review**

From the Author

With the second edition, we wanted to take what was already great about the first edition and expand it into areas that have changed since it was published. Covering topics like cloud and big data sources, common problems that developers face, as well as cleaning up and updating all the original recipes so they reflect all the updates to PDI's latest version.

About the Author

#### **Alex Meadows**

Alex Meadows has worked with open source Business Intelligence solutions for nearly 10 years and has worked in various industries such as plastics manufacturing, social and e-mail marketing, and most recently with software at Red Hat, Inc. He has been very active in Pentaho and other open source communities to learn, share, and help newcomers with the best practices in BI, analytics, and data management. He received his Bachelor's degree in Business Administration from Chowan University in Murfreesboro, North Carolina, and his Master's degree in Business Intelligence from St. Joseph's University in Philadelphia, Pennsylvania.

#### Adrián Sergio Pulvirenti

Adrián Sergio Pulvirenti was born in Buenos Aires, Argentina, in 1972. He earned his Bachelor's degree in Computer Sciences at UBA, one of the most prestigious universities in South America.

He has dedicated more than 15 years to developing desktop and web-based software solutions. Over the last few years he has been leading integration projects and development of BI solutions.

#### María Carina Roldán

María Carina Roldán was born in Esquel, Argentina, in 1970. She earned her Bachelor's degree in Computer Science at UNLP in La Plata; after that she did a postgraduate course in Statistics at the University of Buenos Aires (UBA) in Buenos Aires city, where she has been living since 1994.

She has worked as a BI consultant for more than 10 years. Over the last four years, she has been dedicated full time to developing BI solutions using Pentaho Suite. Currently, she works for Webdetails, one of the main Pentaho contributors. She is the author of Pentaho 3.2 Data Integration: Beginner's Guide published by Packt Publishing in April 2010.

You can follow her on Twitter at @mariacroldan.

## **Users Review**

#### From reader reviews:

#### **Donna Wood:**

Reading a guide tends to be new life style on this era globalization. With examining you can get a lot of information that may give you benefit in your life. Having book everyone in this world could share their idea. Ebooks can also inspire a lot of people. Lots of author can inspire all their reader with their story or even their experience. Not only situation that share in the guides. But also they write about advantage about something that you need example of this. How to get the good score toefl, or how to teach your kids, there are many kinds of book that you can get now. The authors on earth always try to improve their ability in writing, they also doing some study before they write to the book. One of them is this Pentaho Data Integration Cookbook Second Edition.

#### Mark Malek:

Precisely why? Because this Pentaho Data Integration Cookbook Second Edition is an unordinary book that the inside of the publication waiting for you to snap this but latter it will zap you with the secret the item inside. Reading this book close to it was fantastic author who else write the book in such incredible way makes the content within easier to understand, entertaining means but still convey the meaning thoroughly. So , it is good for you because of not hesitating having this anymore or you going to regret it. This amazing book will give you a lot of rewards than the other book get such as help improving your ability and your critical thinking means. So , still want to hold off having that book? If I ended up you I will go to the book store hurriedly.

#### **Tamara Reams:**

Pentaho Data Integration Cookbook Second Edition can be one of your beginner books that are good idea. All of us recommend that straight away because this book has good vocabulary that could increase your knowledge in vocab, easy to understand, bit entertaining however delivering the information. The author giving his/her effort to set every word into joy arrangement in writing Pentaho Data Integration Cookbook Second Edition yet doesn't forget the main place, giving the reader the hottest as well as based confirm resource data that maybe you can be one of it. This great information may drawn you into new stage of crucial imagining.

#### Larhonda Kennedy:

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