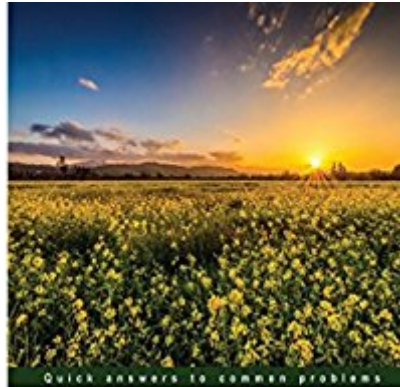


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# Microsoft Dynamics AX 2012 R3 Reporting Cookbook



## Microsoft Dynamics AX 2012 R3 Reporting Cookbook

Over 90 recipes to help you resolve your new SSRS Reporting woes in Dynamics AX 2012 R3

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## Synopsis

Over 90 recipes to help you resolve your new SSRS Reporting woes in Dynamics AX 2012 R3  
About This Book  
Easy and effortless deployment of SSRS reports  
One stop solution for developers to customize existing SSRS reports in Dynamics AX R3  
Step-by-step tutorial with solutions to writing unit classes for reports  
Who This Book Is For  
Microsoft Dynamics AX 2012 R3 Reporting Cookbook is recommended for Dynamics AX developers and .NET-based SSRS developers looking to familiarize themselves with the new AX reporting framework.  
What You Will Learn  
Create and deploy reports in AX 2012 R3  
Understand the SSRS report programming flow  
Modify the reporting framework  
Create RDP-based reports  
Design tabular matrices and chart-based reports  
Debug reports, the reporting framework, and business logic  
Migrate reports from the legacy reporting framework  
Get to grips with unit testing and troubleshooting SSRS reports  
In Detail  
Dynamics AX 2012 is a modern ERP solution from Microsoft that is targeted at mid- and high-level organizations. Reports play a very central role in an ERP system, being accessible to customers, vendors, top management, and the shop floor. Every ERP implementation includes reporting changes as companies try to refit the reports to their processes.  
Microsoft Dynamics AX 2012 R3 Reporting Cookbook focuses mainly on the reporting aspects of Microsoft Dynamics AX 2012. As a Dynamics AX developer, reporting skills are a must-have and this book intends to make report development easier and simpler. You will gain an understanding of all the various types of report formats such as charts, matrices, tabular in precision, and auto design. This book also offers strategies for new reports as well as for migrating your reports from the old reporting framework and development.

## Book Information

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## Customer Reviews

Businesses depending on ERP to make their decisions have a great need to generate their own customized reports. In Microsoft Dynamics AX 2012 R3, the reporting component is powered by SQL Server Reporting Services (SSRS). This book demystifies the generation of reports using SSRS through easy to understand code samples. However, a sound understanding of object oriented concepts is a prerequisite. The book starts off by showing how to create a simple report using a query as a data source. The formatting of the report is made quick and easy with the help of the auto design feature. Ranges are utilized to help the users filter the data according to their needs. Finally, the report is deployed so it is visible as a menu item in AX. The second chapter tackles sprucing up the report through charts and custom images based on the evaluation of user defined expressions. The next chapter delves into the Report Programming Model in AX and explains how the Model-View-Controller pattern is used in the reporting framework of AX to generate data based on specified parameters and display the report. A particularly useful recipe in this chapter deals with using the same controller for calling multiple reports simultaneously while also handling their security. When reports are dependent on the analysis and consolidation of data provided by the business logic, the Report Data Provider(RDP) comes into play. Creating a report with multiple data sources in a single table as well as displaying company images in the report is made possible thanks to RDP. Connecting SSRS reports with external data sources like XML feeds, SQL server and OLAP are discussed in the next chapter. Adding a map sub report as well as using precision design to create a flexible sub report are also explained clearly.

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