

JASPERSOFT ULTIMATE GUIDE



Jaspersoft OLAP 4.0

ULTIMATE GUIDE

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CHAPTER 1 INTRODUCTION

Jaspersoft OLAP helps your users make well-informed decisions by providing advanced analysis tools.

This chapter has these sections:

- [Welcome to Jaspersoft OLAP](#)
- [Community and Commercial Editions](#)
- [About this Guide](#)
- [Other Resources](#)

1.1 Welcome to Jaspersoft OLAP

Jaspersoft OLAP runs within JasperReports Server. JasperReports Server itself builds on JasperReports, the world's most popular open source Java reporting library. It provides a comprehensive family of Business Intelligence (BI) products, including robust static and interactive reporting, report server, data analysis, and data integration capabilities. You can use Jaspersoft OLAP as a stand-alone product or as part of an integrated end-to-end BI suite that utilizes common metadata and provides shared services, such as a repository, security, and scheduling. JasperReports Server exposes comprehensive public integration interfaces enabling seamless embedding into other applications as well as the capability to easily add custom functionality.

1.2 Community and Commercial Editions

Jaspersoft OLAP is a component of our community project and commercial offerings. Each edition integrates the standard features of JPivot and Mondrian with additional features, including an enhanced user interface, streamlined tool bars and icons, fast expand/collapse features, and consistent option panes. The commercial editions also include row-level data security, performance tuning, and profiling reports and views to identify optimization candidates.

This guide discusses all editions. Sections of the guide that apply only to the commercial editions are indicated with a special note.

1.3 About this Guide

Because this ultimate guide is a comprehensive resource for users with many different needs, it includes information that may not apply to you or to your edition of Jaspersoft OLAP. The following audience descriptions and document maps can help you find the information that is most important to you.

1.3.1 Technical Business Analyst

Technical Business Analysts know their business, data, and processes; they are power users who generate business intelligence for others.

If you're a Technical Business Analyst, refer to the following sections of this document:

- [2.1, “On-Line Analytical Processing,” on page 11](#)
- [Chapter 3, “Analyzing Data in a View,” on page 27](#)
- [Chapter 4, “Securing Data in Jaspersoft OLAP,” on page 63](#)
- [5.1, “Understanding the Design Concepts,” on page 77](#)

1.3.2 System Developer

System Developers leverage Jaspersoft OLAP functionality in their own product. They extend and change its code, system configurations, and other low-level options.

If you're a System Developer, refer to the following sections of this document:

- [2.1, “On-Line Analytical Processing,” on page 11](#)
- [Chapter 3, “Analyzing Data in a View,” on page 27](#)
- [5.4, “Integrating Jaspersoft OLAP in the Enterprise’s Data Flow,” on page 96](#)
- [Appendix A, “Example Foodmart Schemas,” on page 101](#)

1.3.3 System Administrator and Database Administrator

System Administrators install, deploy, maintain, and troubleshoot Jaspersoft OLAP along with other systems in their environment.

Database Administrators (DBAs) administer database management systems (DBMS), and are familiar with both relational and On-Line Analytical Processing (OLAP) databases. They plan, configure, tune, and maintain the schemas that store business data.

If you're a System Administrator or DBA, refer to the following sections of this document:

- [Chapter 2, “Getting Started,” on page 11](#)
- [Chapter 3, “Analyzing Data in a View,” on page 27](#)
- [Chapter 5, “Administering Jaspersoft OLAP,” on page 77](#)
- [Appendix A, “Example Foodmart Schemas,” on page 101](#)

1.4 Other Resources

1.4.1 Standard Documentation

Jaspersoft OLAP includes standard documentation, such as build, install, and user guides. The documentation is found in the distribution image from which you installed the application. The documentation for the commercial editions is also available from Technical Support, while the Community Edition documentation is also available at JasperForge.org.

1.4.2 Premium Documentation

Some sections of this document reference the other Jaspersoft premium guides:

- *JasperReports Server Ultimate Guide*
- *JasperReports Server External Authentication Cookbook*
- *Jaspersoft OLAP Ultimate Guide*
- *iReport Designer Ultimate Guide*

Commercial Jaspersoft OLAP users can get these documents from Technical Support. For community users, the documents are available for purchase, separately or in documentation packs, at <http://www.jaspersoft.com/ultimate-guides>.

1.4.3 JasperForge

JasperForge.org is the online site for the open source version of Jaspersoft BI Suite. The suite is our open source solution developed by the Business Intelligence community and is accessible to anyone who needs to make well-informed decisions. Visit JasperForge.org for further resources and forum discussions.

