

INFORMATION



BusinessObjects Rapid Marts for Oracle Applications

Benefits

- Gain rapid insight
- Accelerate BI deployment
- Lower development costs

Developing an Oracle Applications data warehouse requires expertise in

- Business analysis
- Data modeling
- Oracle Applications
- Data warehousing

Terminology

Data warehouse

a copy of transaction data specifically structured for query performance and understandability

Data mart

a single-subject data warehouse, or part of a data warehouse

BusinessObjects Rapid Marts for Oracle Applications dramatically reduce business intelligence implementation time by delivering the first nine of these steps for you as powerful, prepackaged, and flexible data marts.

Prepackaged Data Warehousing Solutions for Faster, Higher ROI

The Oracle eBusiness Suite provides a set of highly integrated software modules that perform common business functions such as enterprise resource planning (ERP). The data within these modules will be essential for underpinning your business intelligence (BI) projects, but the flexible, sophisticated, and transactional nature of Oracle Applications makes this very challenging.

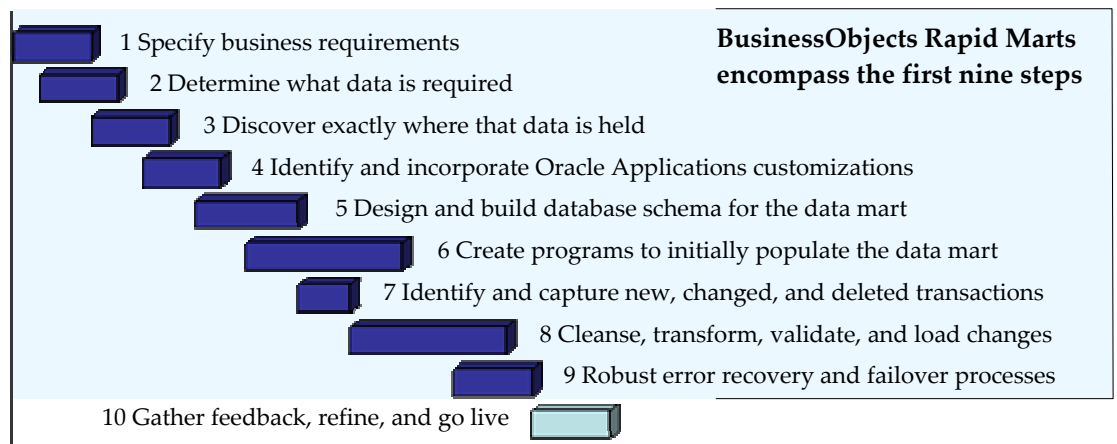
ERP systems like Oracle Applications are designed for managing transactions not for supporting query, reporting, and analysis. Analyzing data directly from the underlying Oracle Applications tables is complex, slow, limited and far from user-friendly. Industry experts agree that data warehousing is the best approach.

Comparison: Oracle Applications and Data Warehousing

	Oracle Applications	Data Warehousing
Design Objectives	<ul style="list-style-type: none"> • Quickly adding data • Transactional integrity 	<ul style="list-style-type: none"> • Query performance • Understandability • Avoid impacting transactional systems
Data Scope	<ul style="list-style-type: none"> • Limited to current transactional data 	<ul style="list-style-type: none"> • Actuals, budgets, forecasts, and historical data • Preserves historical data relationships • Easy to include additional data sources
RDBMS Design	<ul style="list-style-type: none"> • Complex • Thousands of tables • Normalized data 	<ul style="list-style-type: none"> • Simple and predictable • Dozens of star schema • Denormalized

BusinessObjects™ Rapid Marts for Oracle Applications are prepackaged, flexible data marts that can be implemented in weeks instead of the months or quarters normally associated with data warehousing projects on Oracle Applications.

10 steps for building data marts or a data warehouse on Oracle Applications data



BusinessObjects Rapid Marts for Oracle Applications

Prepackaged Data Warehouse Solutions for Faster, Higher ROI

BusinessObjects Rapid Marts for Oracle Applications

- Accounts Payable
- Accounts Receivable
- Assets
- General Ledger
- Human Resources
- Purchasing
- Sales

Business Domain Expertise

Each Rapid Mart reflects the expertise and experience of leading business analysts and Oracle Applications domain experts from hundreds of organizations. Rapid Marts provide best-practice business analysis and data models that span across multiple business processes and functions.



The flexibility and customizability of each Oracle Applications module, together with the variations in business processes and analysis requirements between modules, means that the underlying data is very complex. For example:

- The Payables module allows payable invoices to be physically deleted, making it difficult to track or analyze cancelled or unmatched invoices.
- Most modules copy data as each transaction advances through a business process, which presents the question – which version is the right version?

Automatically Incorporate Your Customizations

Many of the customizations you have implemented within Oracle Applications can be automatically included:

- Your business descriptions
- Your flexfield assignments

Data Modeling Expertise

As different as each Oracle Applications module can be, it is vital that each Rapid Mart can be linked together to support analyses like customer profitability, marketing effectiveness, and employee productivity that require data from different modules. The data models for each Rapid Mart can be installed together to create a conformed data warehouse based on industry best practices for data warehouse design as defined by The Kimball Group. This enables business queries to traverse across subject areas and deliver even greater insight.

BusinessObjects Rapid Marts for Oracle Applications

Prepackaged Data Warehouse Solutions for Faster, Higher ROI

Rapid Mart Contents

- Data models
- Oracle DDL for schema creation
- Recommended joins and indexes
- ETL workflows for initial and incremental data
- Job recovery framework
- Sample universes, SQL, and reports
- Technical and business analysis documentation

Prerequisites

- BusinessObjects Data Integrator 6.5 or above with Oracle application and database interfaces
- Oracle eBusiness Suite 11.5 or higher compatible version
- Oracle 8.1.7 database or higher compatible version

Leverage Oracle Applications Technical Expertise

Rapid Marts exploit the rich support for Oracle Applications provided by BusinessObjects Data Integrator including browsing and importing business metadata and supporting flexfields. This means that Rapid Marts can automatically incorporate your customizations. For example

- The Human Resources Rapid Mart generates translation views to map flexfield segments to dimensions, with the ability to generate additional views where multiple business groups use different key flexfield structures.
- The General Ledger Rapid Mart uses a segment “bucketing” technique to accurately translate multiple segment definitions within the Accounting flexfield for multiple sets of books. This allows journal data to be easily analyzed even when businesses use different accounting structures.

Data Warehousing Expertise

The BusinessObjects Rapid Marts for Oracle Applications are a series of packaged, powerful, and flexible data marts that embody industry best practices as defined by The Kimball Group and the practical experiences from thousands of data mart and data warehouse implementations.

The flexible, component-based design means that these Rapid Marts can be implemented standalone or in any combination. The advanced error recovery and intelligent workflow framework prevents jobs from being repeated unnecessarily even where Rapid Marts share components for conformed dimensions or partially-completed workflows are restarted.

Flexible and Configurable

Each Rapid Mart is designed to be easily configured and extended. Dozens of variables are used to control all the extract, transform, and load processes. For example:

- The BusinessObjects Rapid Marts for Oracle Applications Accounts Payable and Accounts Receivable include parameters that define buckets for aging periods.
- All Rapid Marts for Oracle Applications contain parameters for defining default values, period type, and start/end dates for data extraction.

BusinessObjects Rapid Marts are easily extended to include additional data from Oracle Applications, and data from all your other enterprise databases, applications, or legacy systems.

BusinessObjects Rapid Marts for Oracle Applications

Prepackaged Data Warehouse Solutions for Faster, Higher ROI

Rapid Marts are also Available for

- SAP R/3
- PeopleSoft Enterprise
- JDE EnterpriseOne
- Siebel

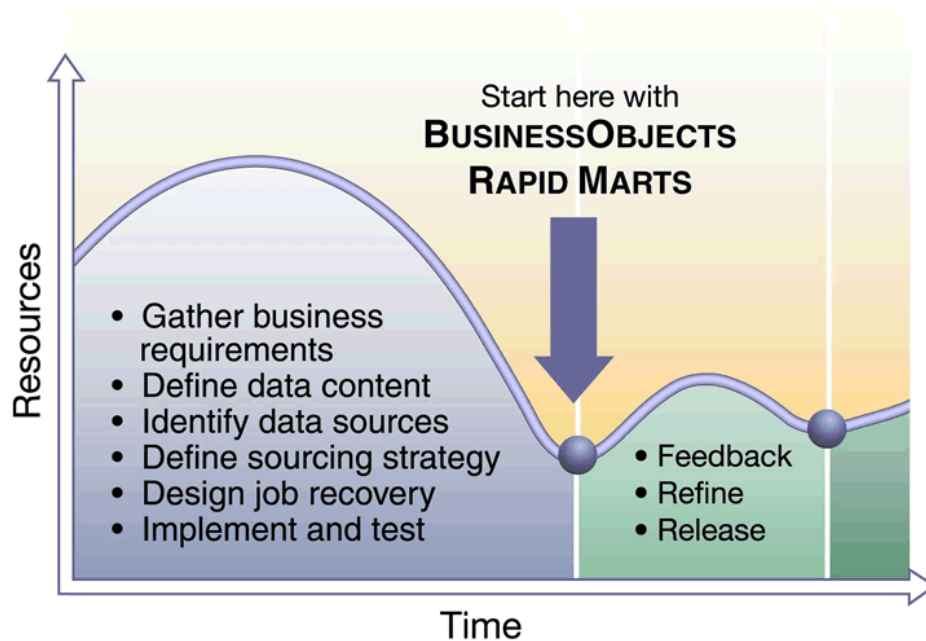
Prebuilt for Rapid Implementation

BusinessObjects Rapid Marts for Oracle Applications deliver prepackaged

- Business domain expertise
- Data modeling expertise
- Oracle Applications technical expertise
- Data warehousing expertise

Rapid Marts are designed with input from hundreds of companies to meet the vast majority of your needs in a matter of days. You can quickly and easily customize the Rapid Marts for your specific query and analysis, reporting, and performance management requirements with BusinessObjects Data Integrator

Implement in days, customize within weeks



BusinessObjects Rapid Marts for Oracle Applications are packaged, powerful, and flexible data marts that deliver a faster, higher return on investment.

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