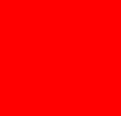


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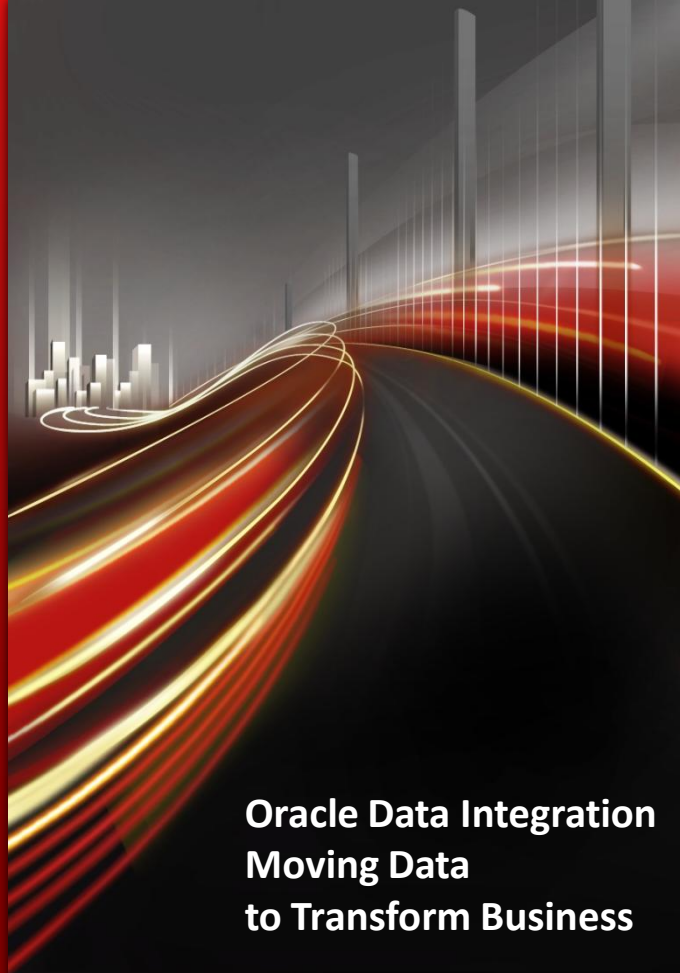


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Oracle Warehouse Builder to Oracle Data Integrator Migration Overview

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**Oracle Data Integration
Moving Data
to Transform Business**

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Agenda

- Introduction
- Migration Utility Overview
- Demonstration
- Q&A

Introduction

- Oracle Data Integrator is the strategic go-forward ETL platform from Oracle
 - Statement of Direction: <http://www.oracle.com/us/products/middleware/data-integration/odi-statement-of-direction-1922235.pdf>
- Existing OWB customers are NOT being forced to migrate to ODI
 - Oracle offers “Lifetime Support” option for Sustaining Support on all OWB features
- Oracle Data Integrator 12c supports a phased migration approach
 - Execute and monitor existing OWB 11gR2 jobs from ODI 12c
 - Use the migration utility to convert existing OWB 11gR2 objects into their ODI equivalents
 - Start new developments using ODI 12c

OWB Support Policies

Lifetime Sustaining Support for OWB Customers

Release	GA Date	Premier Support Ends	Extended Support Ends	Sustaining Support Ends
OWB 9.2	Jul 2003	Oct 2007	Not Available	Oct 2010
OWB 10.1	Apr 2004	Jul 2007	Not Available	Jul 2010
OWB 10.2	Jul 2005	Jul 2010	Jul 2013	Indefinite
OWB 11.1	Aug 2007	Aug 2012	Aug 2015	Indefinite
OWB 11.2	Sep 2009	Jan 2015	Jan 2018	Indefinite

Customer Downloadable OWB Support Policies:

<http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf>

For more Information about Support Levels:

<http://www.oracle.com/us/support/lifetime-support/index.html>

Migration Utility Overview

- Versions supported
 - OWB 11.2.0.4 to ODI 12c
- Requires an ODI-EE license
- Design-time metadata migration only
 - Data Objects
 - Mappings
- Separate command line utility
 - Uses OWB SDK and ODI SDK

Migration Scope Details

Supported OWB Design Time Metadata

- Module and Location
- Data Objects
 - Table (Columns, Keys, Indexes)
 - View (Columns, Keys)
 - Materialized View (Columns, Keys, Indexes)
 - External Table (Columns)
 - File (Records, Fields)
 - Sequence

Migration Scope Details

Supported OWB Design Time Metadata

- Mappings
 - Classic Mappings, Code Template Mappings, Pluggable Mappings
 - Most Mapping Operators
 - Aggregator, Constant, Deduplicator
 - Expression, External Table, Filter
 - Flat File, Joiner, Key Lookup
 - Mapping Input Parameter, Materialized View, Pivot
 - Pre/Post Mapping Process, Sequence, Set
 - Sorter, Splitter, Subquery
 - Table, Table Function, Transformation
 - Unpivot, View

Migration Scope Details

Unsupported OWB Design Time Metadata (sample)

- Process Flows
- Dimensional modeling metadata
- Oracle Discoverer metadata and derived OBIEE metadata
- Data Quality components
- Custom PL/SQL
- OMB*Plus scripts
- OWB Experts

ODI Related Enhancements

- New components developed for ODI 12c
 - Pivot
 - Unpivot
 - Table Function
 - Subquery
- Enhancements to existing ODI Objects
 - Variable
 - Sequence (support for CURRVAL)
 - Lookup
 - Oracle Knowledge Modules

Migration Utility Syntax and Options

- Command:

```
>$OWBHOME/bin/unix/migration.sh <odi_master_repos_pwd>  
<odi_user_pwd> <owb_wksp_owner_pwd> <config_file>
```

- Configuration File

- Connection Information to OWB and ODI
- OWB design metadata to migrate
- Migration options

- 3 running modes

- Fast Check, Dry Run, Run

How to Get the Migration Utility?

- Apply the following patches
 - OWB: #17830453
 - ODI: #17053768
 - Both are available on My Oracle Support
- Supported Platforms: Windows 64-bit and Linux 64-bit
- Supported Versions: OWB 11.2.0.4 and ODI 12.1.2.0.0
- Migration documentation included in ODI documentation:
<http://docs.oracle.com/middleware/1212/odi/ODIMG/index.html>

Demo



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Questions & Answers



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