

Oracle Retail Data Extractor

Release Notes

Release 18.0.001

F17011-01

April 2019

This document highlights the major changes for this release of Oracle Retail Data Extractor.

Note: The non-sequential version number of this Oracle Retail application is intentional.

Overview

Oracle Retail Data Extractor (ORDE) provides data extraction capabilities for sourcing data from various Oracle Retail application data sources into a flat file format that facilitates loading into the Oracle Retail Insights family of analytic applications.

The primary characteristics of the Oracle Retail Data Extractor are:

- **Source Integration Solution:** The Retail Data Extractor provides data integration with source applications such as Oracle Retail Merchandising Foundation Cloud Service (RMFCS).
- **Performant ETL Code:** The Retail Data Extractor data processing tool, Oracle Data Integrator (ODI), offers high performance for the database batch processes on an Oracle database.
- **Extensibility:** The Retail Data Extractor ETL code can be customized and extended for client-specific needs.

Oracle Retail Cloud Services and Business Agility

Oracle Retail Cloud Service is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

Release 18.0.001

The following information highlights the major changes for Release 18.0.001 of Oracle Retail Data Extractor.

Batch Schedule Changes

The Process Orchestration and Monitoring (POM) batch schedule for ORDE has been modified for six added jobs that will execute as part of the nightly batch cycle:

Table 1 18.0.001 Batch Schedule Changes

| Job Name | Description | RMS Batch |
|--------------------------|--|------------------------------|
| ITEMCFASDE_JOB | Extracts item CFA information | itemcfasde.ksh |
| LOCCFASDE_JOB | Extracts location CFA information | loccfasde.ksh |
| ITEMLOCCFASDE_JOB | Extracts item location CFA information | itemloccfasde.ksh |
| RPM2RDE_JOB | Extracts clearance price information | rpm2rde.ksh |
| RTLUAEXTERNSDE_CLRPC_JOB | Loads the CLRPC files into a table. | rtlexternsde.ksh XTERN_CLRPC |
| CLRPRICESDE_JOB | Extracts clearance price information | clrpricesde.ksh |

The clearance price changes require the 16.0.028.16 hotfix version of RMFCS (or later) in order to consume the CLRPC files from Oracle Retail Pricing Cloud Service (RPCS). If upgrading ORDE without RMFCS, then these jobs should be disabled manually before running any nightly batches.

Functional Enhancements

The functional enhancements below are included in this release.

Clearance Events from RPCS

ORDE will consume RPCS clearances published to the POS at the item/location level through a new job. In addition to having a complete picture of which items are affected by individual clearance events, this also includes detailed attributes such as the Clearance Group ID and Markdown Number. This functionality depends on RPCS updates to export the additional clearance pricing files to a specific location, and so should be coordinated with those services to ensure the necessary flat file extracts are available and enabled as part of nightly batch processing.

CFAS Integration for Items and Locations

ORDE now consumes CFAS attributes from the following sources in RMFCS into the new RI attribute tables for reporting:

- ITEM_MASTER_CFA_EXT
- STORE/WH/PARTNER_CFA_EXT
- ITEM_LOC_CFA_EXT

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 2 18.0.001 Defect Fixes

| Defect | Defect Number |
|--|---------------|
| COMPSTORESDE.KSH is not present in ORDE POM/JOS | 28571589 |
| Issue with loading tender type group records into DOMAIN_MEMBER_LKP_TL table | 29443901 |

Release 17.0.001.9

The following information highlights the major changes for Release 17.0.001.9 of Oracle Retail Data Extractor.

Batch Schedule Changes

The Retail Merchandising Cloud Services batch schedule for ORDE has been modified for two added jobs that will execute as part of the nightly batch cycle:

Table 3 17.0.001.9 Batch Schedule Changes

| Job Name | Description | RMS Batch |
|---|--|---------------|
| RDE_DSCTYPSDE_JOB | Extract Discount Type Information | dsctypsde.ksh |
| RDE_RTLUASDE_W_RTL_DISCOUNT_TYPE_DS_JOB | Exports data from the W_RTL_DISCOUNT_TYPE_DS staging table to a flat file. | rtluasde.ksh |

These changes have been included in the 16.0.028.16 hotfix version of RMFCS. If upgrading RMFCS without ORDE, then these jobs MUST be disabled manually before running any nightly batches.

Functional Enhancements

The functional enhancements below are included in this release.

Sales Discounts

The sales discount type code and associated descriptions are now loaded from RMFCS for use in RI sales discount reporting. The ORDE jobs listed above are used to capture the discount type dimension. Additional key values have been added to the sales discount integration to capture the promotion details and employee details associated with sales discounts in the RDWT file.

Salesperson and Cashier IDs

Salesperson and cashier numbers associated with sales transactions on the RDWT file are now being captured in ORDE and sent to RI for reporting.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 4 17.0.001.9 Defect Fixes

| Defect | Defect Number |
|---|---------------|
| Integration ID could be larger than supported column size on Item Image table | 29135093 |
| Unique default values should be used for Promo and Promo Comp ID | 29179389 |

Release 17.0.001.8

The following information highlights the major changes for Release 17.0.001.8 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 5 17.0.001.8 Defect Fixes

| Defect | Defect Number |
|--|---------------|
| Purchase Order integration needs to consider currency conversion based on order currency and receiving locations | 28906738 |

Release 17.0.001.7

The following information highlights the major changes for Release 17.0.001.7 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 6 17.0.001.7 Defect Fixes

| Defect | Defect Number |
|--|---------------|
| ORDE can't handle Retail Type = null when Department populated on sales transaction data | 28900721 |

Release 17.0.001.6

The following information highlights the major changes for Release 17.0.001.6 of Oracle Retail Data Extractor.

Functional Enhancements

The functional enhancements below are included in this release.

Price Zone Integration

ORDE now loads Price Zone information from RPCS, and sends it to Store Cluster staging tables in RI for use in reporting.

Stock Count Integration

ORDE now loads Stock Count snapshots and physical counts from RMFCS table STAKE_SKU_LOC and sends the fact data to RI for reporting. This data must be used in conjunction with the Stock Count dimension interface in RI, both interfaces should be populated as part of the same batch runs.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 7 17.0.001.6 Defect Fixes

| Defect | Defect Number |
|--|---------------|
| The Coupon Ref Number field on XTERN_RDWT should be Char instead of Number | 28691327 |

Release 17.0.001.5

The following information highlights the major changes for Release 17.0.001.5 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 8 17.0.001.5 Defect Fixes

| Defect | Defect Number |
|--|---------------|
| PO location should come from ORDLOC | 28872034 |
| Load RMFCS warehouse association to organization hierarchy | 28944904 |
| Unavailable inventory data is getting rejected due to IF_TRAN_DATA changes | 28788825 |

Release 17.0.001

The following information highlights the major changes for Release 17.0.001 of Oracle Retail Data Extractor.

ODI Tech Stack Upgrade

ODI Tech Stack has been upgraded from 12.2.1.2.0 to 12.2.1.3.0 for ORDE in this release. Release notes for ODI 12.2.1.3 are available here:

<https://docs.oracle.com/middleware/12213/odi/release-notes/ODIRN.pdf>

Functional Enhancements

The functional enhancements below are included in this release.

Item Diff Aggregates

Retail Insights now creates an internal level between Item Level 1 and Item Level 2, which aligns with the RMFCS concept of item diff aggregates. This level is constructed using the combination of differentiators selected as aggregates in RMFCS. For

example, if Item Level 1 represents a Style and the item diff aggregate is Color, then reporting on the Item Diff Aggregate level is equivalent to Style/Color.

To achieve this functionality, the interface in ORDE has been enhanced to extract the Item-Diff relationship from RMFCS.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 9 17.0.001 Defect Fixes

| Defect | Defect Number |
|---|---------------|
| RESA2RDE.KSH Should fail if no rdwt/rdwf files are found from RMFCS | 27573141 |
| Item Diff AggregationItem Diff Aggregation | 27458322 |
| Return Transactions Enhancement For Original Transaction Id | 26933589 |
| J2EE agent related changes for ORDE | 27524277 |
| Add Revision Date Attribute To Purchase Order Dimension | 27551852 |

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