Oracle Product Lifecycle Analytics

Readme

Release 3.5

E70273-01

December 2015

ORACLE

Oracle Product Lifecycle Analytics Readme, Release 3.5

E70273-01

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Primary Author: Oracle Corporation

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Preface

Agile PLM is a comprehensive enterprise PLM solution for managing your product value chain.

Audience

This document is intended for administrators and users of the Agile PLM products.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Documents

Oracle's Agile PLM documentation set includes Adobe® Acrobat PDF files. The Oracle Technology Network (OTN) Web site http://www.oracle.com/technetwork/documentation/agile-085940.html contains the latest versions of the Agile PLM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Agile PLM Documentation folder available on your network from which you can access the Agile PLM documentation (PDF) files.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.

Convention	Meaning
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Oracle Product Lifecycle Analytics Overview

Oracle Product Lifecycle Analytics (OPLA) is a comprehensive, prebuilt Business Intelligence solution that delivers pervasive intelligence and provides key insights into your Product Lifecycle Management (PLM) data. The Oracle Product Lifecycle Analytics Application provides an integrated view of the product to enable greater alignment of information across product organizations. It is built on Oracle Data Integrator (ODI) ETL and Oracle Business Intelligence Enterprise Edition (OBIEE) platforms.

OPLA addresses the business use cases specific to Product Quality Management (PQM), Product Collaboration (PC), and Product Portfolio Management (PPM), Agile PLM for Process: New Product Development (NPD) and Global Specification Management (GSM).

OPLA provides you with the ability to use different source systems. Data is transferred from the source systems to the Oracle PLA target analytical data store. In OPLA Release 3.3 and higher, the transactional data sources are either Agile PLM 9.x or Agile PLM for Process.

What's New in OPLA 3.5

OPLA Release 3.5 contains the following certifications and additions:

- Certification for Agile PLM 9.3.5
- Certification for Agile PLM for Process 6.2
- Operational Schema enhancements
- Certification for ODI 11.1.1.9.0
- Certification for OBIEE 11.1.1.9.0
- Performance improvements for Datamart and MDS full loads for Agile PLM (A9) only
- Module selections for Agile PLM (A9) Operational Data Schema loads.
- Introduced parallelism to load MDS data for performance improvement.

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Resolved Issues in OPLA 3.5

The following bugs were resolved in OPLA 3.5:

- **21342403:** OPLA CDC: PERFORMANCE ISSUE WITH UPDATE STATEMENT
- **21342248**: OPLA CDC: PERFORMANCE ISSUE WITH MV REFRESH
- **20351860**: ODM_ITEM_PARTS_MISSING COLUMNS ITEM_GROUP,LATEST_ RELEASED_ECO, MODEL_REF

The following bugs were resolved in OPLA patch release 3.3.1.1.6, and the fix is merged with this release:

- **21306894**: MERGE: 19732242 - ETL TAKES 7 HOURS TO COMPLETE FOR P4P SOURCE
- **21210202:** MERGE: 19557386 - P4P STAGE ETL ABORTED "MDS.DM_P4P_PRJ_ METRICS_FS" FAILING

The following bug was resolved in OPLA patch release 3.3.1.1.7, and the fix is merged with this release:

- **21349474**: MERGE : 21051697 - TAKING ~12 HOURS TO COMPLETE STAGE\MDS FULL LOADS

The following bug was resolved in OPLA patch release 3.3.1.3.1, and the fix is merged with this release:

- **21349517**: MERGE : 21230357 - OPLA CDC LOAD ODI_PRO_ODM_MULTILIST_ MAP TAKING LONGER TIME
- **21349558**: MERGE: 21155118 - PROCEDURE PLSQL_ODM_LIST_DIM_PRO, INSERT ORDER IS WRONG ENTRY_
- **21349569**: MERGE : 19768614 - STAGE CDC LOAD TAKING LONG TIME APPROX 13 HOURS TO COMPLETE
- **21349534**: MERGE :20929585 - DIFFERENCE IN ODM CDC AND ODM FULL LOAD, P4_MAP TABLES MISSING

The following bugs were resolved in OPLA patch release 3.4.0.0.1, and the fix is merged with this release:

- **20826935**: SERVER VERSION 325 CANNOT READ THE NEWER VERSION 333 OF THE REPOSITORY

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Known Issues in OPLA 3.5

The following issues are known to exist in OPLA 3.5 for Agile PLM. These were deferred from this release, but may be fixed in a future release.

Important You need to execute a Full Load after any Agile PLM configuration changes.

FULL LOAD ETL FAILED.

- **Issue**: Cannot use lower-case letters for the USERNAME field located in the Source Database Details window for OPLA 3.5.
- **Workaround**: While installing OPLA 3.5 you will have to enter information in the Source Database Details window. One field you will have to enter information is the Username field. You must enter your Username in capital letters.

WHEN YOU USE THE ACTIVITY_TYPE DIMENSION YOU GET AN ERROR.

- **Issue**: When you use the ACTIVITY_TYPE dimension you get an error. This is because the NQ_SESSION.ACTIVITY_TYPE is not present in the rpd.
- **Workaround**: If you receive this error, follow these steps:
  1. Connect to the Oracle BI Administration Tool - PLMA9_11g.rpd.
  2. Select **Manage --> Variables**.
  3. From the Variable Manager window, select **Session --> Initialization Blocks**.
  4. Double-click **ACT_TYPE**.
  5. Select Row-wise initialization in the Variable Target section of the Session Variable Initialization Block - ACT_TYPE window.
  6. Under Variable in the Session Variable Initialization Block Variable Target - ACT_TYPE window, type ACTIVITY_TYPE, and click **OK**.
  7. Save the rpd.

MDS CDC IS TAKING ALMOST SAME TIME AS MDS FULL

- **Issue**: In some scenarios with large datasets MDS CDC ETL takes the same amount or more time than FULL MDS ETL load time.
- **Workaround**: We recommend to run full load of ETL when your use case is to run both Operational Schema and MDS.

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Related Documentation

Oracle Product Lifecycle Analytics documentation is available on the Oracle Technology Network (OTN) Web site http://www.oracle.com/technetwork/documentation/agile-085940.html.

- Oracle Product Lifecycle Analytics Installation and Setup Guide
- Oracle Product Lifecycle Analytics User Guide
- Oracle Product Lifecycle Analytics Data Reference Manual
- Oracle Product Lifecycle Analytics Configurator and Data Mapping Guide
- Oracle Product Lifecycle Analytics Security Guide
- Oracle Product Lifecycle Analytics Staging Schema

You can also find product documentation for Oracle Data Integrator and Agile Product Lifecycle Management on the Oracle Documentation page: http://www.oracle.com/technetwork/indexes/documentation/index.html.