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Agile Product Lifecycle Management

Agile PLM Data Mart Readme

v.3.2.0.1

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Preface

The Agile PLM documentation set includes Adobe® Acrobat PDF files. The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) <http://www.oracle.com/technology/documentation/agile.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.

Note To read the PDF files, you must use the free Adobe Acrobat Reader version 7.0 or later. This program can be downloaded from the [Adobe Web site](http://www.adobe.com) <http://www.adobe.com>.

The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) <http://www.oracle.com/technology/documentation/agile.html> can be accessed through **Help > Manuals** in both Agile Web Client and Agile JavaClient. If you need additional assistance or information, please contact My Oracle Support (<https://support.oracle.com>) for assistance.

Note Before calling Oracle Support about a problem with an Agile PLM manual, please have the full part number, which is located on the title page.

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Readme

Any last-minute information about Agile PLM can be found in the Readme file on the [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) <http://www.oracle.com/technology/documentation/agile.html>

Agile Training Aids

Go to the [Oracle University Web page](http://www.oracle.com/education/chooser/selectcountry_new.html) http://www.oracle.com/education/chooser/selectcountry_new.html for more information on Agile Training offerings.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

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This chapter includes the following:

- What's New in This Release 1

Agile PLM Data Mart is an operational data store for Agile PLM data that provides a data foundation for your Enterprise Data Warehouse and Analytics solutions. The Agile PLM Data Mart is prepackaged with an Extract-Transform-Load (ETL) tool to extract and load data from the Agile PLM application using Oracle Data Integrator (ODI) technology. It stores all relevant data available in the Product Portfolio Management (PPM), Product Governance and Compliance (PGC), Product Collaboration (PC), Product Cost Management (PCM), and Product Quality Management (PQM) modules of Agile PLM. The data model for Agile PLM Data Mart is structured to facilitate querying and analysis.

The Agile PLM Data Mart operational data store facilitates the following use cases:

- Integrate Agile Data with your Corporate Data Warehouse using corporate ETLs
- Build and deploy your corporate Business Reporting and Intelligence applications
- Deploy prepackaged Agile PLM Business Intelligence (BI) Solutions

What's New in This Release

Agile PLM Data Mart 3.2.0.1 supports:

- Additional certifications over PLM Data Mart 3.2
 - A9 PLM releases
 - 9.2.2.3, 9.2.2.4, 9.2.2.6 & 9.3.0.2
 - Technology
 - ODI version 10.1.3.6
 - Oracle DB 11gR2
 - Platform
 - OEL 5.4 , IBM AIX 5.3 & HP-UX
- Enhancements to improve robustness and supportability
 - Checks to prevent inadvertent start of multiple Data Mart sessions
 - Enable granular ODI and PL/SQL logging traceability by introducing ODI Session ID
 - ETL completes with warnings even if Mail Server configurations are incorrect
- Bugs and Enhancements to improve deployment

- Remove Long data type usage to enable IT to implement high-availability database solutions using Oracle technologies such as Data Pump
- Various documentation corrections in Agile PLM Data Mart Setup Guide

Installation Notes:

- If you are installing Agile PLM Data Mart for the first time, refer to the *Agile PLM Data Mart Setup Guide*.
- If you have already installed Agile PLM Data Mart 3.2, refer to “Upgrading from Agile PLM 3.2” section in the *Agile PLM Data Mart Setup Guide*.
- If you have already installed Agile PLM Data Mart 3.1.2 or earlier version, refer to the “Upgrading from Agile PLM Data Mart 3.1.2 or earlier versions” section in the *Agile PLM Data Mart Setup Guide*.

Known Issues

The following issues are known to exist in the Agile PLM DM 3.2.01 release:

8234886

The installer does not allow distinct installation of Data Mart database and Data Mart ETL into the same directory on a single machine.

Workaround

When installing components separately, select a common parent directory and use an appropriate sub-directory for each component.

Example:

Select **C:\PLMDatamart\Database** when installing Database components.

Select **C:\PLMDatamart\ETL** when installing ETL components.

8234918

It is not possible to install Data Mart components on remote machines

Description

You cannot install Data Mart over the network on another machine using Data Mart installer.

Workaround

None

8207238

It is not possible to install Data Mart schema component on Agile PLM Schema user.

Description

User cannot install Datamart Schema objects in PLM Source Schema as similar schema objects with same names co-exist.

Workaround

None

9258763

Performance downgraded in 64-bit OS with Oracle 10.2.0.3

Description

When you use Oracle 10.2.0.3 on 64-bit platforms, you may notice a degraded performance.

Workaround

Apply 10.2.0.4 Oracle Database patch.

9150120

Data Mart installation fails in a database server with non-default listener name.

Description

JDBC connection fails if the name of the database listener is different from LISTENER.

Workaround

None

Resolved Issues

The following issue has been resolved in the Agile PLM Data Mart 3.2.0.1 release:

9885583

Data Mart does not prevent starting ETL run if an existing ETL is still running.

9725115

Flex and Multi-text attributes metadata not updated properly after Data Mart ETL run.

8940089

Agile PLM Data Mart 3.2 documentation updated to include Change History Event details.

9774019

ETL load fails if the Oracle Database versions for Agile PLM and Data Mart are different.

9850145

Column lengths for PROPERTYTABLE in Agile PLM Database and Data Mart schema are mismatching.

9928652

ANALYTICS_ETL load fails when executing OdiSendMail task even though all ETL tasks completed successfully.

10043386

After applying the HF2 patch and successful DM ETL load, the P4 tables are not showing data except for ID and Class_ID

9537188

The lifecycle phase dimension tables capture only the base class level objects.

9583511

ITEM_D table in MDS schema is not populated with data for PLM 9224 Version.

9712988

While running ETL Full Load the TLOG table populates “ODM.PLSQL_ODM_CLASS_SUM_VWS
ORA-01792: maximum number of columns in a table or view is 1000” in ODM schema.

Note: Even if the user creates more than **1000** Flex attributes, Data Mart accepts only **1000** columns for Summary Table (Cover Page + Page Two + Page Three + Flex) due to design limitations.

9704511

ETL Load failed for ODM_SUBSCRIPTIONS table because TRIGGER_EVENT_IDS column value is too large.

9712967

While running ETL Full Load the TLOG table populates
“ODM.PLSQL_ODM_DICTIONARY_UPD_PRO -907 - ORA-00907: missing right parenthesis ODM”
in ODM schema.

9776165

While running ETL Full Load the TLOG table populates
“ODM.PLSQL_ODM_MULTILIST_MAP_PRO - DATA ERROR IN - 10000-COL_387-ORA-00907:
MISSING RIGHT PARENTHESIS OCCURED” in ODM schema.

9760561

While running ETL Full Load the TLOG table populates “ODM.PLSQL_ODM_METAFLEX_PRO -
ORA-01792: MAXIMUM NUMBER OF COLUMNS IN A TABLE OR VIEW IS 1000” in ODM
schema.

Related Documentation

The following documents in the [Agile documentation](#) <http://www.oracle.com/technology/documentation/agile.html> page on [Oracle Technology Network](#) <http://www.oracle.com/technology/index.html>, provide detailed information on the Agile PLM Data Mart 3.2.0.1 application:

- Agile PLM Data Mart Setup Guide
- Agile PLM Data Mart Data Reference Manual

We suggest you refer to the documentation of the following products from Oracle Technology Network as they closely associate to Agile PLM Data Mart 3.2.0.1 application:

- Oracle Data Integrator
- Agile Product Lifecycle Management

