



# **Oracle Product Lifecycle Analytics**

Readme

v. 3.3.1.1.0

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# CONTENTS

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Copyright and Trademarks .....	2
<b>Oracle Product Lifecycle Analytics Overview .....</b>	<b>1</b>
Technical Notes .....	2
What's New in Oracle PLA 3.3.1.1.0 .....	3
Notes on Implementing Oracle PLA with PLM for Process .....	4
Cycle Time Calculations .....	4
NPD Project Schedule Activity Type .....	4
<b>Resolved Issues in Oracle PLA 3.3.1.1 .....</b>	<b>5</b>
<b>Known Issues in Oracle PLA 3.3.1.1 .....</b>	<b>7</b>
<b>Related Documentation .....</b>	<b>11</b>

# Preface

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) <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.

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**Note** To read the PDF files, you must use the free Adobe Acrobat Reader version 9.0 or later. This program can be downloaded from the [Adobe Web site](http://www.adobe.com) <http://www.adobe.com>.

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The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.html> can be accessed through **Help > Manuals** in both Agile Web Client and Agile Java Client. If you need additional assistance or information, please contact My Oracle Support (<https://support.oracle.com>) for assistance.

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**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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## TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

## 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/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.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](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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# Oracle Product Lifecycle Analytics Overview

### This chapter includes the following:

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▪ Technical Notes .....	2
▪ What's New in Oracle PLA 3.3.1.1.0 .....	3

Oracle Product Lifecycle Analytics (Oracle PLA) 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.

Oracle PLA 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).

Oracle PLA 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 Oracle PLA Release 3.3 and higher, the transactional data sources are either Agile PLM 9.x or Agile PLM for Process.

Oracle PLA 3.3.1.1.0 is both a patch and full installer. Oracle PLA 3.3.1.1.0 is available in the following languages:

- English
- French
- Italian
- German
- Japanese
- Traditional Chinese
- Simplified Chinese

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**Note** You must use OBIEE 11.1.1.6.2 to enable any of the above languages.

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## Technical Notes

You can upgrade from Oracle Product Lifecycle Analytics (Oracle PLA) 3.3.1.0.0, 3.3.1.0.1, 3.3.1.0.2, 3.3.1.0.3, 3.3.1.0.4 to Oracle PLA 3.3.1.1.0, if you are using the Agile PLM database.

You can upgrade from Oracle PLA 3.3.1.0.0 to Oracle PLA 3.3.1.1.0, if you are using the Agile PLM for Process database.

To upgrade to Oracle PLA 3.3.1.1.0, follow these steps:

1. Log in to [My Oracle Support](https://support.oracle.com) <https://support.oracle.com>.
2. Select the **Patches & Updates** tab.
3. In the **Patch Search** section, select the **Search by Bug Number** (default option).
4. **If you are using Agile PLM:** Search for "BUG # 14607242: Agile PLM - OPLA 3.3.1.1 UPGRADE PATCH FOR OPLA 3.3.1".
  - a. The `Agile_PLM` folder appears.
  - b. Open the `Agile_PLM` folder to get the `OPLA3311.zip` file and the `upgrade_prerequisites.zip` file.
5. **If you are using Agile PLM for Process:** Search for "BUG # 14607273: Agile PLM FOR PROCESS - OPLA 3.3.1.1 UPGRADE PATCH FOR OPLA 3.3.1".
  - a. The `Agile_PLM_for_Process` folder appears.
  - b. Open the `Agile_PLM_for_Process` folder to get the `OPLA3311_p4p.zip` file and the `upgrade_prerequisites.zip` file.
6. Extract the contents of the `upgrade_prerequisites.zip` file to `<OPLA_INSTALL_HOME>\upgrade`. Do not change the zip file name.

**Important**      You must create the `upgrade` sub-folder *before* extracting the contents of the `upgrade_prerequisites.zip` file.

7. Open the `upgrade_prerequisites.zip` file to get to the `Upgrade_ODIRep_Cleaner.sql`. Connect to the MDS schema, and then execute the `Upgrade_ODIRep_Cleaner.sql` file.
8. Follow the steps listed in the "Cleaning ODI-related Tables" section, and the "Cleaning ODI Repository Objects" section, in Chapter 4 of the *Oracle PLA Installation and Setup Guide*.

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**Note** For more information on installing Oracle PLA 3.3.1.1, see the following:

The "Oracle PLA Installation" chapter in the *Oracle PLA Installation and Setup Guide 3.3.1.1*.

The "Upgrading from Oracle PLA 3.3.1 to Oracle PLA 3.3.1.1 - Agile PLM" section in the *Oracle PLA Installation and Setup Guide 3.3.1.1*.

The "Upgrading from Oracle PLA 3.3.1.0.0 to Oracle PLA 3.3.1.1 - Agile PLM for Process" section in the *Oracle PLA Installation and Setup Guide 3.3.1.1*.

The "Migrating from the ODI 10g Repository to the ODI 11g Repository" section in the *Oracle PLA Installation and Setup Guide 3.3.1.1*.

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## What's New in Oracle PLA 3.3.1.1.0

Oracle Product Lifecycle Analytics (Oracle PLA) Release 3.3.1.1.0 contains the following *new* certifications:

- Certification for ODI 11.1.1.7.0
- Certification for OBIEE 11.1.1.6.2
- Certification for Windows 2008 (32 bit and 64 bit)
- Support for Oracle Database 11g R2 (11.2.0.1 and 11.2.0.2)
- Translation Certification (Simplified Chinese, Traditional Chinese, Japanese, Italian, German, and French)
- Includes Oracle PLA Hot Fixes for 3.3.1.0.1, 3.3.1.0.2, 3.3.1.0.3, and 3.3.1.0.4.

The Oracle PLA 3.3.1.1.0 version also has new software requirements. See the "System Requirements" chapter in the *Oracle PLA Installation and Setup Guide* for version 3.3.1.1.0, for the following software requirements.

- Software Requirements for a New Installation of Oracle Product Lifecycle Analytics
- Software Requirements for Upgrading to Oracle Product Lifecycle Analytics 3.3.1.1 using ODI 10g

- Software Requirements for Migrating from Oracle Data Integrator 10g to Oracle Data Integrator 11g

## Notes on Implementing Oracle PLA with PLM for Process

### Cycle Time Calculations

The cycle times for individual objects (such as Projects, Activity, and Specifications) are provided as integers within Oracle PLA. In these calculations, the decimals are not rounded off, they are truncated as described below. It is important to understand the following:

- The calculations are performed taking into account the time stamp in addition to the date:  
For example:  
**Duration = End Date: 09-14-10 12:00:00 - Start Date: 09-10-10 08:01:35 = 3.6655**
- Decimals are truncated at this point:  
**Duration = 3.6655 = 3**

### NPD Project Schedule Activity Type

It is required that a customer implementing Oracle PLA with PLM for Process implement the new functionality associated with NPD's Project Schedule Activity Type released as part of PLM for Process 6.0.0.3.

In addition, note that if a project does not have at least one instance of a project schedule approved and in a terminal step, then scheduled dates will not be available in Oracle PLA. Only actual and template dates/durations are available in the absence of a project schedule.

<b>Important</b> You need to execute a Full Load after any Agile PLM configuration changes.
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# Resolved Issues in Oracle PLA 3.3.1.1

The following bug was resolved in the Oracle PLA patch release 3.3.1.0.1, and the fix is merged with this release:

- **13700493**  
**ETL FAILED TO LOAD DATA FOR PLM REFERENCE FIELD AGAINST AGILE 9.3.1.2.X**

The following bug was resolved in the Oracle PLA patch release 3.3.1.0.2, and the fix is merged with this release:

- **13810935**  
**STAGING CDC LOAD IS FAILING**

The following bugs were resolved in the Oracle PLA patch release 3.3.1.0.3, and the fixes were merged with this release:

- **14028362**  
**SIGN-OFF USER MEASURES ASSIGNED TO A SYSTEM SUBMIT WORKFLOW STEP**
- **14028446**  
**PC\_SS\_ORIGINATOR\_D IS MISSING PHYSICAL JOINS IN THE RPD MODEL**
- **14106100**  
**VALUE TOO LARGE FOR COLUMN**

The following bugs were resolved in the Oracle PLA patch release 3.3.1.0.4, and the fixes were merged with this release:

- **14241081**  
**PROJECT OWNER NAME DIMENSION IS DISPLAYING ERROR WITH ALL PROJECT DIMENSIONS**
- **14241104**  
**ACTIVITY RESOURCE POOL DIMENSION IS DISPLAYING NO RESULTS WITH ANY MEASURE**
- **14241124**  
**ACTIVITY - DISPLAY ORDER DIMENSION IS POPULATING IN DECIMAL VALUES**



# Known Issues in Oracle PLA 3.3.1.1

The following issues are known to exist in Oracle PLA 3.3.1.1.0 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 Oracle PLA 3.3.1.1.
- **Workaround:** While installing Oracle PLA 3.3.1.1 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.

### IN THE ORACLE PLA 3.3.1.1 ITALIAN VERSION - A DOUBLE APOSTROPHE IS SEEN

- **Issue:** A double apostrophe in a Tool Tip.
- **Navigation:** Nuovo --> Analisi --> PPMPLM-Controllo fase --> Misure fase --> % completamento della fase associate al controllo. Mouse over % completamento della fase associate al controllo and the Tool Tip reads "Percentuale di completamento della fase associate al controllo. Disponibile nell'oggetto di fase."  
The Tool Tip should read as "Percentuale di completamento della fase associate al controllo. Disponibile nell'oggetto di fase."
- **Resolution:** This issue will be resolved in subsequent releases.

### IN THE ORACLE PLA 3.3.1.1 GERMAN VERSION - CERTAIN OPLA CONFIGURATOR ITEMS APPEAR IN ENGLISH.

- **Issue:** Certain Oracle PLA Configurator tabs and buttons do not appear in German, Simplified Chinese, Traditional Chinese, Japanese, Italian, and French.

- **Navigation:** From the Oracle PLA Configurator, select Options --> ETL Configurations. In the ETL Runtime Configurations window the following are not in German:
  - Run time tab
  - Domain Lookup tab
  - Apply button
  - Close button
- **Resolution:** This issue will be resolved in subsequent releases.

**IN THE ORACLE PLA 3.3.1.1 GERMAN VERSION - CERTAIN OPLA CONFIGURATOR SUBJECT AREA NAMES APPEAR IN ENGLISH.**

- **Issue:** Certain Oracle PLA Configurator tabs and buttons do not appear in German.
- **Navigation:** Open Oracle PLA Configurator, in the Subject Areas section the following do not appear in German:
  - Collaboration
  - Quality Management
  - Portfolio Management
- **Resolution:** This issue will be resolved in subsequent releases.

**IN THE ORACLE PLA 3.3.1.1 FRENCH VERSION - A DOUBLE APOSTROPHE IS SEEN**

- **Issue:** A double apostrophe in a Tool Tip.
- **Navigation:** Nouveau --> Analyse --> Qualité PLM-Plaintes --> Domaines column -->champs defines.  
Look for *Type d'appelant* and mouse over it. The Tool Tip reads "Type d'appelant issu des plaints."  
The Tool Tip should read as "Type d'appelant issu des plaints.".
- **Resolution:** This issue will be resolved in subsequent releases.

**IN THE ORACLE PLA 3.3.1.1 JAPANESE VERSION - INFORMATION IN DRILLED DOWN REPORTS APPEAR IN ENGLISH.**

- **Issue:** For out-of-the-box reports that have drill-down reports: The pop-up link from the report displaying the name of the drill-down appears in English.
- **Resolution:** This issue will be resolved in subsequent releases.

**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.**

- **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 get the above error, follow these steps:
  1. Connect to the Oracle BI Administration Tool - PLMA\_11115.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.



# 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) <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

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

