



Automated Upgrade Tool

AUT Release Notes

v1.6.2

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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 Java Client. 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.

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/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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Agile PLM Automated Upgrade Tool

This chapter includes the following:

▪ Downloading the Software	1
▪ Maintenance and Updates	2
▪ Notes on Agile Advantage (AA) Upgrade	2
▪ What's New	3
▪ Resolved Issues	4
▪ Known Issues	8

The Automated Upgrade Tool (AUT) upgrades your Agile PLM database using the inputs you provide in a property file. It completes the upgrade using your existing database as the source database, and the newly created database as the destination database. For detailed information on the upgrade process using the AUT, refer to the *Agile PLM Database Upgrade Guide*.

Downloading the Software

The Automated Upgrade Tool is distributed with each Agile major release and subsequent service pack releases. The software can be downloaded from [Oracle E-Delivery](http://edelivery.oracle.com) (<http://edelivery.oracle.com>) or [Oracle Support](https://support.oracle.com) (<https://support.oracle.com>).

To download the software from Oracle E-Delivery:

1. On the Oracle E-Delivery Welcome page, choose your language and click Continue.
2. Enter required information on the Export Validation screen and click Continue.
3. On the Search screen, select Oracle Agile Applications in the Select a Product Pack drop-down list box. Select a platform value. Click Go.
4. Links to applicable Agile release downloads display. Select the appropriate link. Click Continue.
5. The Download screen displays release parts that can be downloaded, including customer guides. Click Download for the appropriate media pack.
6. Extract the contents of the media pack. The Agile PLM Database Installer is included with the Agile PLM software.
7. To download the database installer, navigate to the DB_Installer folder. DB installers for all platforms are made available within the DB_Installer folder, regardless of the operating system on which you have chosen to install Agile PLM.
8. To download the AUT software, navigate to the AUT folder within the Deployment_Tools folder. From the AUT folder, extract the contents of the AUT.zip file to your destination database server. After the AUT is extracted, all of the files are located in an AUT directory on the local drive. In this document, this directory is referred to as the AUT_HOME.

To download the software from Oracle Support:

1. Log in and perform a search for the product using the search parameters provided.
2. Click the **Download Now** icon to download the software.
3. To download the AUT software only, change the selection in the **Release** field to **Agile PLM Tools** and click **Go**.
4. Download the appropriate AUT version. From the Patchset zip file, extract the contents of the *AUT.zip* file to your destination database server. After the AUT is extracted, all of the files are located in an AUT directory on the local drive. In this document, this directory is referred to as the AUT_HOME.

Maintenance and Updates

Before you upgrade your database, you should always make sure you are using the latest version of the AUT. Changes to scripts such as *averify* may occur after the initial version has been released. To ensure your database is correctly upgraded, always check the [Oracle Support](https://support.oracle.com) (<https://support.oracle.com>) web site for updates.

Notes on Agile Advantage (AA) Upgrade

Take note of the following when you upgrade to Agile PLM from Agile Advantage (AA) Releases:

- When you upgrade from any AA release or 8.x releases, obsolete privileges of the following types will not get migrated: Create PDX Package, FTS, Reports, Specify Output columns, and Agile Server Monitor.
- Organizations in AA will not be migrated as Suppliers in Agile 9.3, as AA has both Organization and Supplier objects. Organization Contacts will be migrated as inactive users without any Roles and Privileges associated. The Agile Administrator will need to assign Roles and Privileges manually.
- AA backup tables are not automatically removed during upgrade from AA. Customers must run the script *CleanupBackuptables.sql* available in <AUT_Home>\Scripts\Oracle\Utilities\Script_tools to clean up these tables.
- Full Text Search field properties are migrated as detailed in the table below. In Agile Java Client, the **Indexing** field value is set to 'Manual' by default. If you want it be 'Scheduled', the administrator must edit the **Recurrence** field properties appropriately.

AA Field Name	AA Field Value	A9 Field Name	A9 Field Value
Enable Stem Search	Yes	Stem Searching	Enabled
Enable Stem Search	No	Stem Searching	Disabled
Indexed File Types	Comma-separated list	Index File Types	Comma-separated list
		Indexing	Manual

What's New

This release of the Automated Upgrade Tool introduces additional upgrade paths and enhancements.

Supported Agile PLM Upgrade Paths

Upgrade of your Agile PLM database to version 9.3.0.1 is supported from any of the earlier versions listed below:

- Agile 9.3
- Agile 9.2.2.7
- Agile 9.2.2.6
- Agile 9.2.2.5
- Agile 9.2.2.4
- Agile 9.2.2.3
- Agile 9.2.2.2
- Agile 9.2.2.1
- Agile 9.2.2
- Agile 9.2.1.6
- Agile 9.2.1.5
- Agile 9.2.1.4
- Agile 9.2.1.3
- Agile 9.2.1.1
- Agile 9.2.1
- Agile 9.2.0.2
- Agile 9.2.0.1
- Agile 9.2
- Agile 9.1 SP1-SP4
- Agile 9.0 SP1-SP7
- Program Execution 8.5 SP2
- Product Service and Improvement 8.5 SP1-SP7
- Product Cost Management 8.5 SP1
- Product Collaboration 8.5 SP1-SP7

Supported Agile Advantage Upgrade Paths

Upgrade of your Agile Advantage database to version 9.3.0.1 is supported from any of the versions listed below.

- 2005
- 2006
- 2006SP1
- 2006SP2
- 2006SP3
- 2006SP4

Customers who are upgrading from releases that are not listed here must first upgrade to one of these releases and then use AUT to upgrade to 9.3.0.1.

Resolved Issues

The following issues have been resolved in this release. Customer Support ID numbers are marked in bold against each issue for ease of reference.

Agile PLM Upgrade Issues

SR:21095206.6

- **Issue: Error When Viewing Default Logs**

When attempting to view the default logs the following error occurs:

```
ORA-00001: UNIQUE CONSTRAINT (TEST1_AD.NOTIUSER_PK) VIOLATED
```

- **Resolution:**

The AUT code has been modified to reset the sequence 'NOTIFICATION_USER_SEQ' & 'NOTIFICATION_SEQ' to a proper start value in order to avoid unique constraint violation. Additionally, two new checks have been added in the Averify tool to report such errors.

SR:7239401.992

- **Issue: PSR Objects Do Not Display Affected Items Tab After Upgrade**

Product Service Request (PSR) objects created on preliminary Items do not display Affected Items tab contents after upgrade.

- **Resolution:**

Upgrade fixed to display objects in the Affected Items tab accurately.

SR:7499920.993**Issue: Invalid Objects in Agile Schema**

Invalid Objects remain in Agile schema after upgrade.

Resolution:

Upgrade fixed to drop the invalid objects created during the upgrade process.

SR:7528764.992**Issue: Error When Viewing OC4J Logs**

After using AUT to upgrade from 9.2.1.3 to 9.2.2.5 in Production, when you attempt to view the OC4J logs, the following error occurs:

```
java.sql.SQLException: ORA-00001: unique constraint  
(TEST1_AD.NOTIF_FIELDS_PK) violated.
```

Resolution:

The AUT code has been modified to reset the sequence 'NOTIFICATION_FIELDS_SEQ' to a proper start value, to avoid unique constraint violations. Additionally, two new checks have been added in the Averify tool to report such errors.

SR:7771762.994**Issue: Upgrade Issue With 'Does Not Contain' Operator**

In Agile 9.3, the **Does Not Match** operator was changed to **Contains None**, and **Contains** operator was changed to **Contains All** for List type attributes. The upgrade script does not support these changes.

Resolution:

Upgrade fixed to replace the **Does not Match** operator to **Contains None**, and **Contains** operator to **Contains All**.

SR:7838013.992**Issue: Null Pointer Exception On Moving Workflow To Next Status**

After upgrade, errors occur when attempting to access a workflow or change status.

Resolution:

Issue resolved to avoid null pointer exception and other errors.

Agile Advantage Upgrade Issues

The following issues related to Agile Advantage upgrade have been resolved in this release.

SR:7626404.994**Issue: Target Cost Attributes in Criteria/Privileges**

The Target Cost attribute gets migrated from Title Block:Target Cost to Page Two.Target Cost

attribute as expected. But the privileges' AppliedTo properties and criteria, which previously pointed to the 'Title Block.Target Cost' attribute, do not get updated with the new attribute mapping through the upgrade scripts.

▫ **Resolution:**

The AppliedTo properties of the Target Cost attribute defined at the Class level will be migrated to PageTwo.Target Cost. However, if the AppliedTo list contains Target Cost defined at the Base Class level, the Target Cost in Applied to will not be migrated. Instead, the list of privileges will be spooled in the upgrade log.

SR:7630360.993

▫ **Issue: Role User Administrator - No Privileges Assigned To This Role**

While upgrading Agile Advantage 2006 to Agile 9.3 the User Administrator role from AA was created as expected, but User Administrator privileges were not migrated.

▫ **Resolution:**

All roles and associated privileges are migrated correctly.

SR:7633570.994

▫ **Issue: Company Name Not Migrated Properly**

Company Name set in AA Preferences > General did not get migrated to Agile 9.3 System Settings > Company Profile.

▫ **Resolution:**

The Company name is now retained. Exception: If the company name is Agile Software, it will be changed to Oracle Corporation.

SR:7669388.994

▫ **Issue: All Upgraded User Accounts Contain Extra Roles**

Six PCM/PGC roles are being added to every user as part of the upgrade process.

▫ **Resolution:**

PCM/PGC roles will be added to the system, but not added to the users. Customers will need to assign them to the users manually, if required.

SR:7723249.992

▫ **Issue: Criteria Point to Non-existing Contact Users Class**

The Role Contact User (AA Out-of-the-box) gets migrated, but the Contact Users class does not exist any longer in Agile 9.3. Privileges point to criteria "For Contact Users Class Only", which cannot be opened.

▫ **Resolution:**

Criteria now points to the Users Class. The attributes in the AppliedTo selection list will not be retained. The AppliedTo selection list should be manually configured post upgrade.

SR:7723290.992**□ Issue: Role Enforce Field Level Read not Migrated**

While upgrading Agile Advantage 2006 to Agile 9.3, the Role Enforce Field Level Read privilege is not migrated correctly. The AA role had Read and Discovery Users privileges. Agile PLM 9.3 roles include only Enforce Field Level Read.

□ Resolution:

Roles and associated privileges are migrated correctly.

SR:7726095.994**□ Issue: Where Used Tab Lists Parts and Documents that No Longer Reference Item**

The Where Used tab in Agile 9.3 on upgraded data does not work the same way as AA2006. The tab lists any object that has ever used the open object, whereas it should only list objects currently using the opened object.

□ Resolution:

Upgrade fixed to display objects correctly in the Where Used tab.

SR:7730471.994**□ Issue: Where Used Reports and Searches Do Not Work Properly**

There is missing data in the Where Used search results and reports.

□ Resolution:

Upgrade fixed to retrieve correct results for Where Used searches.

SR:7779956.993**□ Issue: Duplicate Criteria Generated By AUT**

While upgrading to A 9.3 from AA, duplicate criteria are generated from AA.

□ Resolution:

Upgrade fixed to remove duplicate criteria and ensure that no duplicate criteria get created.

SR:7780012.993**□ Issue: Read User Privilege Was Not Copied By AUT**

When attempting to upgrade from AA to Agile PLM 9.3, the Read user privilege does not get copied to the corresponding roles in Agile PLM 9.3.

□ Resolution:

Read user privileges are now being copied correctly to 9.3.

SR:7789769.992

▫ **Issue:** AUT Introduces PROCESSED Column in ITEM_HISTORY Table

After upgrading from AA 2006 SP2 MP2 to Agile PLM 9.3, the ITEM_HISTORY table has an extra PROCESSED column.

▫ **Resolution:**

This column has been dropped from the ITEM_HISTORY table.

Other Issues

The following issues reported by partners or from the field were also resolved:

▫ **FTS Configuration Did Not Upgrade** - see explanatory table in [Notes on Agile Advantage \(AA\) Upgrade](#) (on page 2).

▫ **Object Page Two/Page Three Currency Attributes Not Migrated**

- **Issue:** After upgrade, the Currency fields in AA are not migrated to Money fields in Agile 93 and the values are not copied over.
- **Resolution:** Page Two / Page Three Currency fields of all objects are now getting migrated and the values are copied over successfully.

Known Issues

The list of known issues as of this release is provided here for your reference, along with workarounds, if any.

Check Snap Material Views Utility Runs Twice

When you upgrade with SourceEqualsDestination parameter set to FALSE, the Check Snap Material Views Utility runs twice.

Markup Restrictions Not Retained on Upgrade

Markup restrictions that were enforced through privileges are not retained when you upgrade. With the new security model implemented in 9.2.2.2, **Markup** is a subclass under the **File Folders** class and all markup privileges are automatically enabled. To prevent users from viewing or modifying the existing markups, you must *disable* blanket privileges at File Folders class level in Java Client and *enable* Markup privilege for relevant users only.

Performance Issue - Delete SQL for Notification fields

The SQL script to clean up deleted notifications takes too long to run on very large databases.