ORACLE®

Agile Product Lifecycle Management

Averify Release Notes

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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 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.

The Oracle Technology Network (OTN) Web site 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.

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

Agile Training Aids

Go to the Oracle University Web page 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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Averify Release Notes

Averify is a scripting tool that performs an integrity check against the PLM database and reports on specific errors. Averify includes a check for missing indexes and inconsistent data stored in the various database tables. Averify only reports errors, and does not attempt to fix them or modify your database.

Running Averify and using the results to eliminate known errors is a prerequisite for diagnosing problems. Averify is not comprehensive, however, and finding no errors does not certify a database as perfect.

Requirements

- JRE 1.5

Downloading Averify

Averify can be downloaded from My Oracle Support. The software should be downloaded to your destination database server.

Extract the averify.zip file to a local drive. After Averify is extracted, all of the files are located in the following directories on the local drive:

```
\bin
\config
\lib
\logs
\META-INF
\scripts
```

The averify.properties File

The *averify.properties* file, located in the *\config* directory, contains a set of properties where you can specify database details. By default, the file does not contain user-supplied information. You must modify the *averify.properties* file to complete the destination database details, averify options, and email options. The destination database parameters contain information about the user and host details of the database you are checking. The Averify options contain information on which portions of the database you want to verify. The email options enable you to send the *averify.zip* file, containing the *averify.log* and *oracle_averify_report.log*, to a specific email address upon completion.

If you do not wish to change the *averify.properties* file each time you run Averify with different options, you can set the environment variable, PROPERTYFILE, with the full path to another *.properties* file. You can create multiple .properties files modified with the parameters you need for specific runs of Averify.

Destination Details

Parameter	Value Definition
averify.dest.jdbc.url	The JDBC connection string to the destination database. The format is jdbc:oracle:thin:@<DESTINATION_DB_HOST_NAME>:<PORT>:<SID> where **DESTINATION_DB_HOST_NAME** is the hostname of the destination database, **PORT** is the listener port of the destination database (1521 is the default), and **SID** is the database instance.
averify.dest.jdbc.driver	The database driver of the destination database. The default is oracle.jdbc.driver.OracleDriver.
averify.dest.db.user	The database user of the destination database.
averify.dest.db.password	The encrypted database password of the destination database. Use the **encryptpwd** utility located in the *bin* directory to encrypt the password.
averify.dest.tns.name	The TNS entry name in the Oracle Home of the destination database.
averify.dest.oracle.home	The Oracle Home of the destination database. This value can be a mapped drive on the system where Averify is run on the host machine. Note: Use either double back slashes or a forward slash for directory separation, for example, **d:/oracle/ora92**.

NLS Language Details

Parameter	Value Definition
averify.nls.lang	Specifies the NLS parameter value used by the database. The default value is AMERICAN_AMERICA.UTF8.

Averify Details (For 9.x Databases Only)

Parameter	Value Definition
averify.runOption	Specifies how you want Averify to check the database. The values are **all**, **modules**, **resetflags**, **tables**, and **testcases**. Note: Only one option can be specified for this

Parameter	Value Definition
	parameter.
averify.modules	Specific modules chosen for averify to check. This parameter is only used if you entered **modules** as the value of the `runOption` parameter. Note: You can check tables that are not specific to the Agile database with the **checkNonAgileTables** module.
averify.testcases	Specific testcases chosen for Averify to check. This parameter is only used if you entered **testcases** as the value of the `runOption` parameter.
averify.tables	Specific database tables chosen for Averify to check. This parameter is only used if you entered **tables** as the value of the `runOption` parameter.

An example of how the averify details work is as follows:
 	
`averify.runOptions=modules`
`averify.modules=PPM, PCPQM, XXXX`
`averify.testcases=AGIL-0000XXXXXX`
 	
Because the specified `runOptions` parameter is **modules**, the `testcases` parameter is ignored when averify is run.	

Email Options

Parameter	Value Definition
averify.email	Decides if the *averify.zip file*, containing the *averify.log* and *oracle_averify_report.log*, is sent as an email attachment upon completion. Value options are **true** or **false**. If set to false, the log files can still be viewed in the *\logs* directory.
averify.customer	Name of Agile customer.
averify.mailhost	Name of email server.
averify.mailport	Port number of your email server. The standard default is 25.
averify.toAddress	averify@oracle.com
averify.fromAddress	Email address of the sender.
averify.ccAddress	Email address of an additional recipient.

This section should be configured each time Averify is run. The logs are used by Agile PLM Development only and are not a replacement for logging a request.

Running Averify

Go to the *\bin* directory and run the *averify.bat* script on Windows or *averify.sh* script on UNIX.

If you are running Averify as a Cron job, add the following line to the *averify.sh* file after the `# Set up the environment` comment line:

```
cd /export/home/oracle/averify/bin
```

Checking the Status of Averify

You can monitor the status through the log file that is generated while Averify is run. The *\logs* directory contains the *averify.log* file.

If you chose to have the log files sent as an email attachment, the *averify.zip* file, containing the *averify.log* and *oracle_averify_report.log*, is sent upon completion.