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The Oracle logo, consisting of the word "ORACLE" in a bold, red, sans-serif font, is centered within a thin black rectangular border.

# **Agile Product Lifecycle Management**

Averify Release Notes

v1.6

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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.

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**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>.

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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 [support](http://www.oracle.com/agile/support.html) <http://www.oracle.com/agile/support.html> (<http://www.oracle.com/agile/support.html>) 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

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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](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.

## Accessibility of Links to External Web Sites in Documentation

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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 1.4.2 or 1.5

## Downloading Averify

Averify can be downloaded from [Oracle MetaLink](https://metalink.oracle.com) <https://metalink.oracle.com>. 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 <b>DESTINATION_DB_HOST_NAME</b> is the hostname of the destination database, <b>PORT</b> is the listener port of the destination database (1521 is the default), and <b>SID</b> 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 <b>encryptpwd</b> utility located in the <i>\bin</i> 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.<br><br>Note: Use either double back slashes or a forward slash for directory separation, for example, <b>d:/oracle/ora92</b> .  |

## 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 <b>all</b> , <b>modules</b> , <b>resetflags</b> , <b>tables</b> , and <b>testcases</b> .<br><br>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 <b>modules</b> as the value of the <code>runOption</code> parameter.<br><br>Note: You can check tables that are not specific to the Agile database with the <b>checkNonAgileTables</b> module. |
| averify.testcases  | Specific testcases chosen for Averify to check. This parameter is only used if you entered <b>testcases</b> as the value of the <code>runOption</code> parameter.   |
| averify.tables   | Specific database tables chosen for Averify to check. This parameter is only used if you entered <b>tables</b> as the value of the <code>runOption</code> parameter.  |
| <p>An example of how the averify details work is as follows:</p> <pre>averify.runOptions=modules averify.modules=PPM, PCPQM, XXXX averify.testcases=AGIL-0000XXXXXX</pre> <p>Because the specified <code>runOptions</code> parameter is <b>modules</b>, the <code>testcases</code> parameter is ignored when averify is run.</p> |   |

## Email Options

| Parameter           | Value Definition   |
|---------------------|--|
| averify.email       | Decides if the <i>averify.zip</i> file, containing the <i>averify.log</i> and <i>oracle_averify_report.log</i> , is sent as an email attachment upon completion. Value options are <b>true</b> or <b>false</b> . If set to false, the log files can still be viewed in the <i>Vlogs</i> 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   | <a href="mailto:averify@oracle.com">averify@oracle.com</a>   |
| 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 *Vogs* 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.