

Oracle® Retail Invoice Matching

Installation Guide

Release 11.0.14

April 2008

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Preface

Oracle Retail Installation Guides contain the requirements and procedures that are necessary for the retailer to install Oracle Retail products.

Audience

This Installation Guide is written for the following audiences:

- Database administrators (DBA)
- System analysts and designers
- Integrators and implementation staff

Related Documents

For more information, see the following documents in the Oracle Retail Invoice Matching Release 11.0.14 documentation set:

- Oracle Retail Invoice Matching Release Notes

Customer Support

<https://metalink.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

For a base release (".0" release, such as 12.0), Oracle Retail strongly recommends that you read all patch documentation before you begin installation procedures. Patch documentation can contain critical information related to the base release, based on new information and code changes that have been made since the base release.

Oracle Retail Documentation on the Oracle Technology Network

In addition to being packaged with each product release (on the base or patch level), all Oracle Retail documentation is available on the following Web site:

http://www.oracle.com/technology/documentation/oracle_retail.html

Documentation should be available on this Web site within a month after a product release. Note that documentation is always available with the packaged code on the release date.

Conventions

Navigate: This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

Note: This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

This is a code sample
It is used to display examples of code

[A hyperlink appears like this.](#)

Hardware and Software Requirements

Database Server

General requirements for a database server capable of running Invoice Match application include:

Supported on:	Versions Supported:
Database Server OS	UNIX based OS certified with Oracle RDBMS 9i Release 2 Enterprise Edition. Options include AIX 5.2, Solaris 9 (SPARC), and HP-UX 11.11.
Database Server	Oracle RDBMS 9i Release 2 Enterprise Edition

Application Server

General requirements for an application server capable of running Invoice Match 11 application include:

Supported on:	Versions Supported:
Application Server OS	UNIX based OS certified with Oracle 10G Application Server (OC4J 9.0.4). Options include IBM AIX 5.2, Solaris 9 (SPARC), and HP-UX 11.11
Application Server	Oracle 10G Application Server (OC4J 9.0.4)

Client PC and Web Browser Requirements

Requirement	Version
Operating system	Windows 2000 or XP
Display resolution	1024x768
Processor	minimum1GHz
Memory	minimum of 512MBytes
Sun JRE	1.4.1 32 bit
Microsoft Internet Explorer	version 5.5 or higher

Database Installation Instructions

- Ensure that ReIM 11.0.13 and RMS 11.0.14 are installed.
- There are no database changes for this release.

OC4J 10g Standalone Installation Instructions

UNIX (Sun Solaris/HPUX/AIX)

Note: ORACLE_HOME is the location where Oracle Containers for J2EE (OC4J) Standalone v9.0.4 is installed for Invoice Matching 11.0. OC4J 9.0.4 standalone is distributed in a zip file format (oc4j_extended.zip), and is available from the Oracle Technology Network (OTN) web site. While Invoice Matching 11 can be deployed to and run on OC4J 9.0.4 as bundled with other Oracle 10G Application Server, this installation guide lists the steps necessary to apply the Invoice Matching 11.0.14 patch to an existing Invoice Matching 11.0 application running in OC4J 9.0.4 Standalone. OC4J refers to OC4J 9.0.4 Standalone for the remainder of this installation guide. Additional information about OC4J may be obtained by consulting Oracle support.

Note: Java 2 version 1.4.1 is required to install and run Invoice Matching 11.X on OC4J.

Note: The reim.war file released with Invoice Matching 11.0.14 is a full Invoice Matching 11.0.14 application. It is recommended that the existing Invoice Matching 11.0 application be backed up prior to deploying the Invoice Matching 11.0.14 war file. The instructions that follow list steps for backing up an existing Invoice Matching 11.0 application in OC4J 9.0.4 Standalone and then for deploying the Invoice Matching 11.0.14 reim.war file in that same J2EE_HOME. For OC4J 9.0.4 Standalone installation instructions, refer to the Invoice Matching 11.0 installation guide (reim-11-ig.doc).

Copy and Extract Invoice Matching 11.0.14 Files

1. Log into the application server as the retek user and determine where the Invoice Matching application file reim11014appserver.zip will be installed. There should be a minimum of 150 MB disk space available for the application installation files.
2. Copy the file reim11014appserver.zip from the /appserverunix directory to the newly created staging directory. This staging directory is referred to as INSTALL_DIR for the remainder of this chapter.
3. Make sure the following variables are set for the retek user:
 - J2EE_HOME = ORACLE_HOME/j2ee/home
 - PATH = <Java 1.4.1 bin directory>:\$PATH
4. Change directories to the staging directory and extract the reim11014appserver.zip file.

```
> unzip reim11014appserver.zip
```

The following directories and files should now exist in INSTALL_DIR:
 - reim.war
 - src.zip
5. Optional – back up the following file and directory (stop server before backing up, start server after back up complete):
 - J2EE_HOME/applications/reim.war
 - J2EE_HOME/applications/reim.war

Example: > mv reim.war reim_11013.war
 > mv reim reim_11013

6. Copy the reim.war file from INSTALL_DIR to the J2EE_HOME/applications directory.
7. Ensure the correct JDBC driver file (classes12dms.jar) exists in ORACLE_HOME/jdbc/lib. This file should have been copied from DATABASE_ORACLE_HOME/jdbc/lib on the database server to ORACLE_HOME/jdbc/lib on the application server. This ensures that the JDBC driver version matches the database version. This step needs to be repeated whenever the Oracle database is upgraded.

Start/Stop the Default OC4J Application

The OC4J container must be reloaded in order for reim.war to be extracted

1. Stop OC4J if it is running:

```
> java -jar admin.jar ormi://<server>:<oc4j_ormi_port> admin <admin_password>
-shutdown -force
```

- server = name or IP address of the server where OC4J is running
- oc4j_ormi_port = port number in the rmi-server element of rmi.xml
- admin_password = password supplied during the OC4J install

Example: > java -jar \$J2EE_HOME/admin.jar
 ormi://server:23791 admin admin -shutdown - force

2. Start OC4J:

```
> java -jar $J2EE_HOME/oc4j.jar &
```

The “Oracle Application Server Containers for J2EE 10g (9.0.4.0.0) initialized” prompt means the container has started.

Edit the File reim.properties

1. Change directories to J2EE_HOME/applications/reim/WEB-INF/classes/com/retex/reim.
2. Edit the file reim.properties by changing the following parameters: username, batcherrorlogpath, logpath, schemaOwner, batchlogpath, url, DATA_PATH, password:
 - username = additional Oracle user with RMS permissions
 - batcherrorlogpath = path to log directory for error messages (this directory needs to be created)
 - logpath = path to log directory (this directory needs to be created)
 - schemaOwner = RMS/ReIM database schema owner
 - beanDriver =
 - com.retek.reim.foundation.rms11 for RMS 11
 - com.retek.reim.foundation.rms10 for RMS 10.1
 - com.retek.reim.foundation.rms10_2 for RMS10.2
 - datasource =
 - rms11 for RMS11
 - rms10 for RMS10.1
 - rms10_2 for RMS 10.2
 - authentication_source = LDAP or DATABASE for Authentication.
 - batchlogpath = path to log directory for batch (this directory needs to be created)
 - url = jdbc\:oracle\:thin\:@db_server\:db_port\:db_sid
 - DATA_PATH = path to directory where batch scripts exist (this directory needs to be created)
 - language = language in which text will be displayed
 - country = locale in which currency, calendar, etc. will be displayed
 - password = username password or RMS/ReIM schema owner password

Example: username=rms11dev

```
batcherrorlogpath=/u00/oracle/batchlogerrors
logpath=/u00/oracle/logs
schemaOwner=rms11dev
beanDriver=com.retek.reim.foundation.rms11
datasource=rms11
authentication_source= DATABASE
batchlogpath=/u00/oracle/batchlog
url=jdbc\:oracle\:thin\:@dbserver\:1521\:prod_db1
username=rms11dev DATA_PATH=/u00/oracle/data
language=fr
country=FR
password=retex
```

Edit the ReIMResources.properties File

Note: These steps are only necessary if ReIM is installed in a language other than English. By default ReIM displays English text.

1. Change directories to J2EE_HOME/applications/reim/WEB-INF/classes/com/retex/reim/resources/.
2. Create a backup copy of the existing ReIMResources.properties.

Example: cp ReIMResources.properties
ReIMResources_en_US.properties

3. Replace the ReIMResources.properties file with desired language properties file.

Example: cp ReIMResources_fr_FR.properties
ReIMResources.properties

Reload the Default OC4J Application

1. To stop OC4J, run the following command:


```
> java -jar $J2EE_HOME/admin.jar ormi://<server>:<oc4j_ormi_port> admin <admin password> -shutdown -force
```

 - server = name or IP address of the server where OC4J is running
 - oc4j_ormi_port = port number in the rmi-server element of rmi.xml
 - admin_password = password supplied during the OC4J install

Example: > java -jar \$J2EE_HOME/admin.jar
 ormi://server:23791 admin admin -shutdown - force

2. To start OC4J, run the following command:


```
> java -jar $J2EE_HOME/oc4j.jar &
```

The “Oracle Application Server Containers for J2EE 10g (9.0.4.0.0) initialized” prompt means the container has started.

Load ReIM 11 in a Browser

1. Load ReIM 11 running on OC4J by entering the following URL in a browser:


```
http://<server>:<port>/reim/index.jsp
```

 - server = name or IP address of the server where OC4J is running
 - port = port number set in http-web-site.xml above

Example: <http://server:8888/reim/index.jsp>

2. On the ReIM logon form, enter the appropriate Username/Password information in the corresponding fields:
 - Username = ADMIN (default ReIM 11 user)
 - Password = retek (default ReIM 11 user RETEK password)