Retek® Merchandising System 10.1.3

Installation Guide

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When contacting Customer Support, please provide:

- Product version and program/module name.

- Functional and technical description of the problem (include business impact).

- Detailed step by step instructions to recreate.

- Exact error message received.

- Screen shots of each step you take.

Contents

Chapter 1 – Database server installation instructions

Before you apply the RMS 10.1.3 patch:

- Make a backup of all your objects and database schema.

- Check that RMS 10.1.2 is installed.

- Review the enclosed RMS 10.1.3 Patch Release Notes (rms-1013-rn.pdf).

- Review each of the enclosed SIR documents.

Before copying over any files:

- Note whether customizations have been made to the module. If so, then the customizations must be reapplied over the new version of the module (or the fix may need to be applied to the custom version of the code).

- Copy the original files to a different directory before copying over them in case they need to be referred to at a later date.

Note: These instructions refer to rmsdev10 as the Oracle owning schema.

Mount CD-ROM on the Database Server

1   Mount the CD-ROM on your Database Server.

2   Copy the `rms1013dbpatch.tar.Z` file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.

3   Log in to UNIX.

4   Change directories to the staging directory.

Note: The tar file must have a .Z extension.

5   If the tar file has a "z" in lowercase, change it by typing:

```
mv rms1013dbpatch.tar.z rms1013dbpatch.tar.Z
```

6   Uncompress the tar file by entering:

```
uncompress rms1013dbpatch.tar.Z
```

7   Untar the tar file by entering:

```
tar xvf rms1013dbpatch.tar
```

Update schema owner

Materialized views are introduced in 10.1.3. Because of this 'Create materialized view' needs to be granted to the schema owner. The schema owner also needs 'query rewrite' to be added. This should also be done at this point

1   Log in to UNIX as the `retek` user.

2   Log in to SQLPLUS as system.

3   Enter the following commands:

```
SQL> grant create materialized view to <RMS Schema
Owner>;

SQL> grant query rewrite to <RMS Schema Owner>;
```

Update DDL

1   Log in to UNIX as the `retek` user.

2   Change directories to `<staging area>/ddl`.

3   Review and understand the new dbc scripts before running them.

4   If you have customized any objects, make modifications.

5   Log in to SQLPLUS as the `rmsdev10` user.

6   Enter the following command:

```
SQL> @patch1013dbc.sql
```

7   View the spool file `patch1013dbc.log` when finished to verify that no errors were found.

Update control tables

1   On the server, change directories to `<staging area>/sqlplus`.

2   Log in to SQLPLUS as `rmsdev10`.

3   Enter the following command to update control tables:

```
SQL> @patch1013ctl.sql
```

4   View the spool file `patch1013ctl.log` when finished to verify that no errors were found.

Update packages, stored procedures and functions

1   On the server, change directories to `<staging area>/db_objects`.

2   Log in to SQLPLUS as `rmsdev10`.

3   Enter the following command to update packages, procedures, and functions:

    `SQL> @patch1013rms.sql`

4   Exit SQLPlus.

5   View the spool file `patch1013rms.log` when finished to verify that no errors were found.

Update rmsetl

1   On the server, change directories to `<staging area>/rmsetl/rfx/schema`

2   Copy file to <INSTALL_DIR>/rmsetl/rfx/schema

    `cp * <INSTALL_DIR>/rmsetl/rfx/schema`

3   On the server, change directories to `<staging area>/rmsetl/rfx/src`

4   Copy files to <INSTALL_DIR>/rmsetl/rfx/src

    `cp * <INSTALL_DIR>/rmsetl/rfx/src`

Recompile libraries and batch programs

Note: If you are compiling on AIX please refer to Appendix A.

After the packages/procedures have been successfully compiled:

1   Copy the batch library from `<staging area>/batch/lib/src` into the appropriate directories.

2   Copy the base RMS C programs from `<staging area>/batch/proc/src` into the appropriate directories.

3   Compile the batch library and base RMS C programs as directed in the RMS 10.1 install guide.

Chapter 2 – Application Server installation instructions

> **Note:** If you have modified any forms, reports, or toolset libraries, make a backup copy so that you can reapply any custom modifications.

UNIX Application Server installation instructions

1   Mount the CD-ROM on your UNIX Application Server.

2   Change directories to `/appserverunix`.

3   Copy the `rms1013apppatch.tar.Z` file from the CD `/appserverunix` directory to a newly created staging directory on your UNIX Application server.

4   Log in to UNIX.

5   Change directories to the staging directory.

> **Note:** The tar file must have a .Z extension.

6   If the tar file has a Z in lowercase, change it by typing:

```
mv rms1013apppatch.tar.z rms1013apppatch.tar.Z
```

7   Uncompress the tar file by entering:

```
uncompress rms1013apppatch.tar.Z
```

8   Untar the tar file by entering:

```
tar xvf rms1013apppatch.tar
```

9   Make sure your UNIX environment is set up properly to compile Oracle Forms (see the RMS 10.1 installation guide for more information).

10 Copy the RMS reference forms source code (*.fmb) located on UNIX in the `<staging area>/toolset/src` to your UNIX Web forms src directory.

11 In the toolset src directory, compile the RMS reference forms (*.fmb) as outlined in the RMS 10.1 installation guide, Appendix B.

12 Move all compiled reference forms in the toolset src directory to the bin directory.

13 Copy the RMS forms source code (*.fmb and .mmb) located on UNIX in the `<staging area>/forms/src` to your UNIX Web forms src directory.

14 In the Web forms src directory, compile the RMS forms (*.fmb) as outlined in the RMS 10.1 installation guide, Appendix B.

15 In the Web forms src directory, compile RMS menus (*.mmb) as outlined in the RMS 10.1 installation guide, Appendix B.

16 Move all compiled forms and menus (*.fmx and *.mmx) in the Web forms src directory to the bin directory.

17 Copy the report source codes (`*.rdf`) located on UNIX in the `<staging area>/reports/src` to your UNIX Web reports src directory.

18   In the Web reports src directory, compile the RMS reports (*.rdf) as outlined in the RMS 10.1 installation guide, Appendix B.

19   Move compiled objects (`*.rep`) to the bin directory.

NT Application Server installation instructions

1   Mount the CD-ROM on your NT Application Server.

2   Change directories to `/appservernt`.

3   Double-click on `patch1013nt.exe`.

4   When prompted, enter a staging directory to temporarily hold the patch code.

5   Copy the forms executables (*.fmx), menu executables (*.mmx) located in the `<stage area>\webnt\forms\bin` directory to the appropriate directory on your NT Web server.

6   Copy the forms source (*.fmb) , menu source (*.mmb) located in the <stage area>\webnt\forms\src directory to the appropriate directory on your NT Web server.

7   Copy the reports executables (.rep) located in the `<staging area>\webnt\reports\bin` directory to the appropriate directory on your NT Web server.

8   Copy the reports source (*.rdf) located in the `<staging area>\webnt\reports\src` directory to the appropriate directory on your NT Web server.

Helpfiles

1   Change directories to <INSTALL_DIR>/web_html/helpfiles/english/rms/2300_deals_management

2   Delete files from this directory.

3   Change directories to <staging area>/help/2300_deal_management.

4   Copy all the file from this directory to <INSTALL_DIR>/web_html/helpfiles/english/rms/2300_deals_management.

5   Change directories to <staging area>/help/3800_replenishment.

6   Copy all the file from this directory to <INSTALL_DIR>/web_html/helpfiles/english/rms/3800_replenishment.

7   Change directories to <staging area>/help.

8   Copy the file fm_source_deliv_excepw_exception.htm to <INSTALL_DIR>/web_html/helpfiles/english/rms/forms_s.

Appendix A – AIX shared library bug fix

Issue #1: The make files for Oracle 9i have minor bugs in them. The following changes in **bold** need to be made to the $ORACLE_HOME/rdbms/lib/env_rdbms.mk file. Similar changes should be made to the BUILDLIB_NO_CONTEXT function as well.

```
BUILDLIB_WITH_CONTEXT=generate_export_list() \
{ \
/bin/nm -X64 -B -h -g "$$1" | grep -v ' U ' | awk '{print
$$3}' | \
egrep -v '^\.|^TOC' | sort | uniq ; \
}; \
generate_import_list() { \
LIB_NAME=$$1; \
IMP_FILE=$$2; \
\
cat ${KSMSIMP} | head -1 | awk '{print $$0, "." }' >
$${IMP_FILE}; \
/bin/nm -X64 -C -B -h -g $${LIB_NAME} | grep ' U ' | grep -v
"::" | grep -v "(" | grep -v "\.cc" | awk '{print $$3}' | s
ed -e "s/\.//g" | grep -v "^_" >> $${IMP_FILE}; \
}; \
\
generate_import_list "$(OBJS)" $(SHARED_LIBNAME).imp; \
generate_export_list $(OBJS) > $(SHARED_LIBNAME).exp; \
$(LD) -bnoentry -bM:SRE -bE:$(SHARED_LIBNAME).exp -
bI:$(SHARED_LIBNAME).imp \
        -o $(SHARED_LIBNAME) $(OBJS) -L$(ORACLE_HOME)/lib -lc_r
$(LLIBCLNTSH) $(MATHLIB)
```

TAR # 1733664.995 was logged with Oracle and bug #2143531 was filed but was not fixed because there is a workaround.

Issue #2: ulimit. When the make file problem was fixed, the shared library was able to run but would fail after only a few loops through the query with an "unable to allocate memory" error. The program uses a pretty significant amount of memory but only for a short period of time. The current ulimit for the oracle user was set to a very small amount, something like 12K. An attempt was made to manually change the ulimit before starting the listener but that didn't help. A request was then made to netadmin to have Oracle's global ulimit set to unlimited and that fixed the memory problem.

Issue #3: No such file or directory error with the current version of the shared library. Even after we linked the file according to Oracle's instructions in Issue #1, we still received an error. It was discovered that the current version recently had calls to the floor() function added to it. This function exists in the libm.a library which was not linked in. Once libm.a was linked together with the library it worked. The libm.a library is included above in the change to env_rdbms.mk. $(MATHLIB) is the alias for libm.a.

Minor issues: When compiling, the OBJECT_MODE environment variable needs to be set to 64.