IBM Rational Portfolio Manager Version 6.0.0.2 Build 6.5.1.1130 DB2 for AIX Migration Guide

SCOPE

This document outlines the steps to migrate IBM Rational Portfolio Manager Database from Version 6.0.0.2 Build 6.5.1.1129 to 6.0.0.2 Build 6.5.1.1130

AUDIENCE

This document is intended for Database Administrators, Application Servers administrators and/or responsible for the installation and configuration of IBM Rational Portfolio Manager server environment.

PRE-MIGRATION STEPS

Before you proceed you need to backup the IBM Rational Portfolio Manager database. Make sure that total recovery of the database is possible from this backup. All database migration instructions listed bellow must be done by the instance owner and the user used to connect to the database from the web server.

INSTRUCTIONS

1- Stop the web application , the Alert server associated with the RPM database.

2- Open a shell window under RPM Database instance owner and perform the following:

Stop and start the DB2 instance in which the RPM database is created in. Run:

db2 force applications all
db2stop force
ipclean (if needed)
db2start

3- Copy RPM installer files from the ${MIGPACKAGE_HOME}/Clients to ${IBMRPM_WAR_HOME}/client_installer of the WebServer.

Example:
cd ${MIGPACKAGE_HOME}/Clients
cp *.* ${IBMRPM_WAR_HOME}/client_installer/
• ${MIGPACKAGE_HOME} is the directory where the migration package
was extracted
• ${IBMRPM_WAR_HOME} is the directory of web server application
where the client installer files are

4- Go to **${MIGPACKAGE_HOME}/Database/DB2/Migration,** open migration.sql for editing, replace DBNAME with the name of RPM Database Name, USERNAME with

the instance owner's userName, USERPSSWD with its password and DBSCHEMA to the schema of the database under which the tables were created.

Then run:

db2 -tvf migration.sql **-z** migration.out

```
Check for SQLSTATE, if no error, move to next step If you get SQLSTATE02000 with
the following error SQL0100W No row was found for FETCH, UPDATE or DELETE; or
the result of a query is an empty table.  SQLSTATE=02000
```

Ignore, since there are no rows to update for that condition.

5- Go to **${MIGPACKAGE_HOME}/Database/DB2/CSP/AIX/V8,** open createsp.sql for editing, replace DBNAME with the name of RPM Database Name, USERNAME with the username of the user who connects to the database from the web application, USERPSSWD with its password.

Then run:

db2 -tvf createsp.sql -z createsp.out

```
Check for SQLSTATE, if no error move to next step (there may be errors in
dropping some of the new Sp that don't exist in RPM V6002, but that's ok you can
continue to the next step)
```

6- Open bnd_lst.sql for editing and replace DBNAME with the name of RPM Database Name, USERNAME with the username of the user who connects to the database from the web application, USERPSSWD with its password and DBSCHEMA to the db schema you are running against.

Build RPM database by following the steps below:

i. Execute initialize:
1. You have to be root user and you have to create pmoffice directory at the root and copy initialize from ${MIGPACKAGE_HOME}/Database/DB2/migration directory into that directory
2. You have to give execute rights to the file before you can execute.
Run:

chmod 775 initialize
ii. Run: **db2 -tvf** bnd_lst.sql -z bnd_lst.out

```
Check for SQLSTATE, if no error move to step iii
```

iii. RUN:

chmod 775 $INSTHOME/sqllib/function
chmod 775 $INSTHOME/sqllib/function/unfenced

Copy pmoffice.a into $INSTHOME/sqllib/function directory and

into $INSTHOME/sqllib/function/unfenced/ directory.

7- Start the web application , the Alert server associated with the RPM database.