

# **IBM Rational Portfolio Manager Version 6.1.1.2 DB2 for AIX Migration Guide**

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## SCOPE

This document outlines the steps to migrate IBM Rational Portfolio Manager Database from Version 6.1.1.1 to 6.1.1.2

## 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/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 the following SQL error, ignore it since it refers to dropping an index that does not exist in RPM V6.1.1.1

SQL0204N "INDEXNAME" is an undefined name.

5- Go to `${MIGPACKAGE_HOME}/Database/CSP/WIN/DB2V8` (or `DB2V7` if you are working with DB2 V7 database), 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

6- Open `bnd_1st.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 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\_1st.sql -z bnd\_1st.out

Check for SQLSTATE, if no error move to step iii

iii. RUN:

chmod 775 \$INSTHOME/sqllob/function

chmod 775 \$INSTHOME/sqllob/function/unfenced

Copy pmoffice.a into \$INSTHOME/sqllob/function directory and into \$INSTHOME/sqllob/function/unfenced/ directory.

7- GO to \${IBMRPM\_WAR\_HOME}/WEB-INF/classes of the WebServer, open PMOVERSION.xml for editing, replace version number to 6.1.1.2.

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

## ***Clients***

Client installers are included in the migration package under Clients folder. They should be distributed to the end-users for upgrade RPM client upgrade.