

IBM Rational Portfolio Manager Version 6.0.1.3 Build 6.5.1.1132 DB2 for AIX Migration Guide

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SCOPE

This document outlines the steps to migrate IBM Rational Portfolio Manager Database from Version 6.0.0.2 Build 6.5.1.1130 to 6.0.0.2 Build 6.5.1.1132

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- Copy com folder from the `${MIGPACKAGE_HOME}/Webserver` to `${IBMRPM_WAR_HOME}/WEB-INF/classes` of the WebServer.

Example:

```
cd ${MIGPACKAGE_HOME}/Webserver
cp -r com ${IBMRPM_WAR_HOME}/WEB-INF/classes
```

- `${MIGPACKAGE_HOME}` is the directory where the migration package was extracted
- `${IBMRPM_WAR_HOME}` is the home directory where RPM web server application is deployed.

5-Go to `${IBMRPM_WAR_HOME}/WEB-INF/classes`, open `PMOVersion.xml` for editing and replace version 6.0.0.2 with 6.0.1.3. Save and close.

6- 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

7- Go to `${MIGPACKAGE_HOME}/Database/csp/aix/DB2V8`, 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)

8- Open `bnd_lst.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:

i-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

i-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.

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