

# **IBM Rational Portfolio Manager Version 6.1.1.4 Migration Guide for Oracle**

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## SCOPE

This document outlines the steps to migrate IBM Rational Portfolio Manager Database from Version 6.1.1.3 to 6.1.1.4.

## AUDIENCE

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

## ASSUMPTIONS

It is assumed that your RPM database is at 6.1.1.3 level. If it is not, please follow the upgrade steps as outlined below.

RPM supports incremental database migration procedure, which means you have to gradually apply the subsequent database migrations.

Ex:

I) 5.0.x.x

5.0.x.x → 6.0.0.0

6.0.0.0 → 6.0.0.1

6.0.0.1 → 6.1.0.0

6.1.0.0 → 6.1.1.1

6.1.1.2 → 6.1.1.3

6.1.1.3 → 6.1.1.4

II) 6.0.x.x

6.0.0.1 → 6.1.0.0

6.1.0.0 → 6.1.1.1

6.1.1.2 → 6.1.1.3

6.1.1.3 → 6.1.1.4

...

## 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.

## INSTRUCTIONS

### *Database*

- 1- Stop the web application connected to IBM Rational Portfolio Manager database.
- 2- Stop and start the Oracle instance in which the IBM Rational Portfolio Manager database is created:

**Example if you are using the pfile:**

**telnet host (or ssh)**

**oraUser@sunsys% sqlplus /nolog**

**SQL> connect sys/sysadmin as sysdba**

**SQL> shutdown immediate**

**SQL> startup**

**pfile=\${ORACLE\_BASE}/admin/PMOFFICE/pfile/initPMOFFICE.ora**

- 3- Go to \${PATH\_TO\_MIGPACKAGE}/Database/Oracle.
- 4- Open migowner.sh (migowner.bat for windows users) for editing and set oracle\_sid.
- 5- Open step1.sql for editing and replace the word owner with ibmrpm schema owner and replace the word ownerpass with ibmrpm schema owner password.
- 6- Open step2.sql for editing and issue the followings:
  - Replace the word owner with ibmrpm schema owner and replace the word ownerpass with ibmrpm schema owner password.
  - Tablespace names should be changed in step2.sql if your tablespace definition differs from IBM RPM default configuration.  
In RPM 6.1.1.4 migration script, the tablespace that is used is as follows:  
for tables PMO\_DATA\_64K
- 7- Run migowner.sh (migowner.bat for windows).
- 8- Check the logs located under **logs** folder to make sure the migration has been successful. All RPM database objects should be VALID.
- 9- If you have a connected user, run migConUser.sh (migConUser.bat for

windows); the script will prompt you for required information.

10- Copy the Leveling Library to your RPM shared library home which can be `${ORACLE_HOME}/bin` or some other path.

## ***MIDDLEWARE***

11- Make sure that the web application connected to IBM Rational Portfolio Manager database is stopped.

12- Ensure a copy of `${IBMRPM_WAR_HOME}/WEB-INF` folder is backed-up.

13- Copy `${PATH_TO_MIGPACKAGE}/ WebServer/WEB-INF` folder to `${IBMRPM_WAR_HOME}/`.

14- UPDATE `ConnectionManager.ini` and `ConnectionPool.ini` in newly copied `${IBMRPM_WAR_HOME}/WEB-INF/classes` folder with the information from `ConnectionManager.ini` and `ConnectionPool.ini` in your backed up `WEB-INF` folder.

15- Copy `classes12.jar` from `${ORACLE_HOME}/jdbc/lib` (or from your backed up `WEB-INF/lib` folder) to `${IBMRPM_WAR_HOME}/WEB-INF/lib` folder.

## ***CLIENT***

16- Copy RPM installers from the `${PATH_TO_MIGPACKAGE}/Clients` to `${IBMRPM_WAR_HOME}/client_installer` of the WebServer.

17- Start the web application, after making sure RPM database is started.