

IBM Rational Portfolio Manager Version 6.1.1.4 Migration Guide for Oracle

Revision: 1.0

Last Revision: 29.08.2005

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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.