

IBM Rational Portfolio Manager Migration Guide for Oracle from Version 6.1.1.4 to Version 6.1.1.5

Revision: 1.0

Last Revision: 29.08.2005

Licensed Materials – Property of IBM

(C) Copyright IBM Corp. 1997, 2005

US Government Users Restricted Rights –

Use, duplication or disclosure restricted by

GSA ADP Schedule Contract with IBM Corp.

TABLE OF CONTENTS

SCOPE.....	3
AUDIENCE.....	3
ASSUMPTIONS	3
PRE-MIGRATION STEPS	3
INSTRUCTIONS FOR MIGRATING DATABASE.....	4
INSTRUCTIONS FOR UPDATING MIDDLEWARE	4
INSTRUCTIONS FOR UPDATING CLIENT	4

SCOPE

This document outlines the steps to migrate IBM Rational Portfolio Manager Database from Version 6.1.1.4 to 6.1.1.5.

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 6.1.1.4 level (Code and Schema). 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

6.1.1.4 → 6.1.1.5

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

6.1.1.4 → 6.1.1.5

...

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 FOR MIGRATING 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/6.1.1.4_6.1.1.5.
- 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 replace the word owner with ibmrpm schema owner and replace the word ownerpass with ibmrpm schema owner password.
- 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.

INSTRUCTIONS FOR UPDATING MIDDLEWARE

- 10- Make sure that the web application connected to IBM Rational Portfolio Manager database is stopped.
- 11- Copy the file RPMVersion.xml from \${PATH_TO_MIGPACKAGE}/ WebServer folder to \${IBMRPM_WAR_HOME}/WEB-INF/classes folder.

INSTRUCTIONS FOR UPDATING CLIENT

- 12- Copy RPM installers from the \${PATH_TO_MIGPACKAGE}/Clients to \${IBMRPM_WAR_HOME}/client_installer of the WebServer.
- 13- Start the web application connected to IBM Rational Portfolio Manager database.