

IBM Rational Portfolio Manager Version 6.0.0.2 DB2 for Windows Migration Guide

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SCOPE

This document outlines the steps to migrate IBM Rational Portfolio Manager Database from Version 6.0.0.x to 6.0.0.2

FOR CLIENTS WHO STILL HAVE RPM VERSION 6.0.0.0, PLEASE REFER TO IBM RPM VERSION 6001 FOR DB2 MIGRATION GUIDE AND PERFORM SCENARIO 3 BEFORE MIGRATING TO RPM VERSION 6.0.0.2.

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 below must be done by the instance owner and the user used to connect to the database from the web server.

INSTRUCTIONS

There are 3 options from migration from RPM version 6.0.0.0/6.0.0.1 to RPM version 6.0.0.2:

- 1 UPGRADE RPM DB AND CLIENT
- 2 UPGRADE RPM DB ONLY
- 3 UPGRADE RPM CLIENT ONLY

OPTION 1: UPGRADE RPM DB AND CLIENT

1- Stop the web application, the Alert server associated with the RPM database.

2- Copy RPM installers from the %MIGPACKAGE_HOME%\Clients to
\${IBMRPM_WAR_HOME}\client_installer of the WebServer.

%MIGPACKAGE_HOME% is the folder where the package was extracted

% IBMRPM_WAR_HOME % is the folder of web server application where
client installers are

3- Open db2 command window (DB2CMD) 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
db2start
```

4-Go to %MIGPACKAGE_HOME%\Database\DB2\migration, open
update_settings_6001_6002.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 db you are running against.

Then run:

```
db2 -tvf update_settings_6001_6002.sql -z update_settings_6001_6002.out
```

Check for SQLSTATE, if no error move to next step

5-Go to %MIGPACKAGE_HOME%\Database\DB2\CSP\V8 (V7 folder if you are
migrating RPM under DB2 V7.2), run createsp.bat by typing:

```
createsp DBNAME USERNAME PASSWORD
```

DBNAME is the name of the database

USERNAME: with the username that is used to connect to database from
web application, PASSWORD with its password.

6- Build database. Follow the steps below:

a. Run bindall.bat by typing:

bindall DBNAME USERNAME PASSWORD

DBNAME is the name of the database

USERNAME: with the username that is used to connect to database from web application, PASSWORD with its password.

b. After bind is finished, verify if pmoffice.dll is copied to both %DB2FencedHome% and %DB2UnfencedHome% directories. If not copy it manually to both locations.

7- GO to %IBMRPM_WAR_HOME%\WEB-INF\classes of the WebServer, open PMOVERSION.xml for editing, replace version number to 6.0.0.2.

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

OPTION 2: UPGRADE RPM DB ONLY

1- Stop the web application, the Alert server associated with the RPM database.

2- Open db2 command window (DB2CMD) 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
db2start
```

3-Go to %MIGPACKAGE_HOME%\Database\DB2\CSP\V8 (V7 folder if you are migrating RPM under DB2 V7.2), run createsp.bat by typing:

createsp DBNAME USERNAME PASSWORD

DBNAME is the name of the database

USERNAME: with the username that is used to connect to database from web application, PASSWORD with its password.

4- Build database. Follow the steps below:

c. Run bindall.bat by typing:

bindall DBNAME USERNAME PASSWORD

DBNAME is the name of the database

USERNAME: with the username that is used to connect to database from web application, PASSWORD with its password.

- d. After bind is finished, verify if pmoffice.dll is copied to both %DB2FencedHome% and %DB2UnfencedHome% directories. If not copy it manually to both locations.

5- GO to \${IBMRPM_WAR_HOME}\WEB-INF\classes of the WebServer, open PMOVERSION.xml for editing, replace version number to 6.0.0.2.

6- **start** the web application , the Alert server associated with the RPM database.

OPTION 3: UPGRADE RPM CLIENT ONLY

1- Stop the web application, the Alert server associated with the RPM database.

2-Copy RPM installers from the %MIGPACKAGE_HOME%\Clients to \${IBMRPM_WAR_HOME}\client_installer of the WebServer.\${MIGPACKAGE_HOME} is the folder where the package was extracted
\${IBMRPM_WAR_HOME} is the folder of web server application where client installers are

3- Open db2 command window (DB2CMD) 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
db2start
```

4-Go to %MIGPACKAGE_HOME%\Database\DB2\migration, open update_settings_6001_6002.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 db you are running against.

Then run:

```
db2 -tvf update_settings_6001_6002.sql -z update_settings_6001_6002.out
```

Check for SQLSTATE, if no error move to next step

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