Manually Upgrading a Primavera Oracle Database to P6 version 6.2.1

If you want to convert version 5.0, 6.0, or 6.1 databases to P6 version 6.2, you need to upgrade the Project Management and Methodology Management databases by performing the procedures described in this document. These procedures should be performed by an experienced database administrator.

This document contains the following sections, which should be completed in the order specified:

- Back up the existing Oracle Project Management database
- Run the appropriate scripts to upgrade the Project Management database structure to P6 version 6.2
- Run the appropriate scripts to set up the Content Repository
- Back up the existing Oracle Methodology Management database
- Run the appropriate scripts to upgrade the Methodology Management database to P6 version 6.2
- Run the Database Configuration wizard to update your license

Back up the existing Project Management database

Perform a cold backup and a full database export.

If you are unsure how to back up your Oracle database, do not proceed with the upgrade. Contact your database administrator, your database vendor, or Primavera Systems for assistance in backing up your database before performing the database upgrade. Also, ensure that you are familiar with the process of restoring the backup copy of the database in case you need to do so.

Run the upgrade scripts for the Project Management database structure

1. Copy the "scripts" folder to a local drive. The folder can be found in the \install\database directory of the Primavera P6 physical media or download.

2. Log on to the database as admuser, or the appropriate administrative user.

3. From the \scripts**common** folder on the local drive, run the **or_disable_triggers.sql** script.

4. From the \scripts**upgrade**\PM_06_02_00 folder, run <u>one</u> of the following scripts:

   ORPM_50.sql, if upgrading from P5
   ORPM_50sp1.sql, if upgrading from P5 service pack 1
   ORPM_50sp2.sql, if upgrading from P5 service pack 2
   ORPM_50sp3.sql, if upgrading from P5 service pack 3
   ORPM_p6.sql, if upgrading from P6 version 6.0
   ORPM_p61.sql, if upgrading from P6 version 6.1

5. From the \scripts**upgrade**\PM_06_02_00 folder, run the **orpm_grants.sql** and **orpm_synonyms.sql** scripts.

6. From the \scripts**source**\PM_06_02_00 folder, run the **orpm_src.sql** script.

7. From the \scripts**install**\PM_06_02_00 folder, run the **orpm_database_version.sql** and **orpm_querylib.sql** scripts.

8. From the \scripts**common** folder, run the **or_enable_triggers.sql** script.

Run the scripts to set up the Content Repository

Depending on sizing needs and performance considerations, you may want to set up the Content Repository in a new Oracle instance instead of adding to an existing Oracle instance containing PMDB data. Follow the steps below for the desired setup.

Add the Content Repository to an existing PMDB instance
1. Log on to the PMDB database as admuser, or the appropriate administrative user.

2. From the \scripts**install**\JR_01_01_00 folder, run the **orjr_ins.sql** script.

3. From the \scripts**source**\JR_01_01_00 folder, run the **orjr_src.sql** script.

Add the Content Repository to a new Oracle instance
1. Log on to the new Oracle instance as a SYSTEM or other DBA privileged user.

2. From the \scripts**install**\JR_01_01_00 folder, run the **orjr_init_db.sql** script.

3. From the same folder, run the **orjr_create_users.sql** script.

4. Log on to the new Oracle database as CRUSER.

5. From the \scripts**install**\JR_01_01_00 folder, run the **orjr_ins.sql** script.

6. From the \scripts**source**\JR_01_01_00 folder, run the **orjr_src.sql** script.

Back up the existing Methodology Management database

Perform a cold backup and a full database export.

If you are unsure how to back up your Oracle database, do not proceed with the upgrade. Contact your database administrator, your database vendor, or Primavera Systems for assistance in backing up your database before performing the database upgrade. Also, ensure that you are familiar with the process of restoring the backup copy of the database in case you need to do so.

Run the upgrade scripts for the Methodology Management database structure

1. Log on to the database as admuser, or the appropriate administrative user.

2. From the \scripts**common** folder on the local drive, run the **or_disable_triggers.sql** script.

3. From the \scripts**upgrade**\MM_06_02_00 folder on the local drive, run <u>one</u> of the following scripts:

   ORMM_50.sql, if upgrading from P5 (any version)
   ORMM_p6.sql, if upgrading from P6 version 6.0
   ORMM_p61.sql, if upgrading from P6 version 6.1

4. From the \scripts**upgrade**\MM_06_02_00 folder, run the **ormm_grants.sql** and **ormm_synonyms.sql** scripts.

5. From the \scripts**source**\MM_06_02_00 folder, run the **ormm_src.sql** script.

6. From the \scripts**install**\MM_06_02_00 folder, run the **ormm_database_version.sql** script.

7. From the \scripts**common** folder, run the **or_enable_triggers.sql** script.

NOTE: Primavera recommends that you make a backup of your newly upgraded databases.

Run the Database Configuration wizard to update your license

Run the Database Configuration wizard from the client and update your license in the database. Refer to the Primavera P6 Administrator's Guide for more information on running the Database Configuration wizard.

NOTE: P6 version 6.2.1 includes a new encryption algorithm that provides enhanced security for private database login passwords; however, the new encryption algorithm is not automatically enforced when you manually install or upgrade your database. To enforce existing private database login passwords (including the default login and password, privuser) to use the new encryption algorithm, you must reset or change these passwords as described in the "Changing Database Configuration Settings" section of the Primavera P6 Administrator's Guide.