

# Manually Upgrading a Primavera SQL 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 SQL Project Management database
- Run the appropriate scripts to upgrade PMDB to P6 version 6.2
- Run the appropriate scripts to set up the Content Repository
- Back up the existing SQL Methodology Management database
- Run the appropriate scripts to upgrade MMDB to P6 version 6.2
- Run the Database Configuration wizard to update your license

## Back up the existing Project Management database

Backup your database before you perform any of the steps in this document since the upgrade is not reversible.

If you are unsure how to back up your SQL Server 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 PMDB

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. Open SQL Server Management Studio and log in as the SA user.
3. From the File menu, choose Open, File and browse to the \scripts\**upgrade**\PM\_06\_02\_00 folder on your local drive. Run one of the following scripts:

**SSPM\_50.sql**, if upgrading from P5

**SSPM\_50sp1.sql**, if upgrading from P5 service pack 1

**SSPM\_50sp2.sql**, if upgrading from P5 service pack 2

**SSPM\_50sp3.sql**, if upgrading from P5 service pack 3

**SSPM\_p6.sql**, if upgrading from P6 version 6.0

**SSPM\_p61.sql**, if upgrading from P6 version 6.1

4. From the File menu, choose Open, File and browse to the \scripts\upgrade\PM\_06\_02\_00 folder. Run the **sspm\_grants.sql** and **sspm\_synonyms.sql** scripts.
5. From the File menu, choose Open, File and browse to the \scripts\source\PM\_06\_02\_00 folder. Run the **sspm\_src.sql** script.
6. From the File menu, choose Open, File and browse to the \scripts\install\PM\_06\_02\_00 folder. Run the **sspm\_database\_version.sql** and **sspm\_querylib.sql** scripts.

## **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 SQL Server database instead of adding to the existing PMDB database. 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 SA user.
2. From the File menu, choose Open, File and browse to the \scripts\install\JR\_01\_01\_00 folder on your local drive. Run the **ssjr\_ins.sql** script.

### **Add the Content Repository to a new SQL Server database**

1. Log on to the new SQL Server database as SA user.
2. From the File menu, choose Open, File and browse to the \scripts\install\JR\_01\_01\_00 folder. Run the **ssjr\_init\_db.sql** script.
3. From the same folder, run the **ssjr\_ins.sql** script.

## **Back up the existing Methodology Management database**

Backup your database before you perform any of the steps in this document since the upgrade is not reversible.

If you are unsure how to back up your SQL Server 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 MMDB

1. Open SQL Server Management Studio and log in as the SA user.
2. From the File menu, choose Open, File and browse to the \scripts\upgrade\MM\_06\_02\_00 folder on your local drive. Run one of the following scripts:  
  
    **SSMM\_50.sql**, if upgrading from P5 (any version)  
    **SSMM\_p6.sql**, if upgrading from P6 version 6.0  
    **SSMM\_p61.sql**, if upgrading from P6 version 6.1
3. From the File menu, choose Open, File and browse to the \scripts\upgrade\MM\_06\_02\_00 folder. Run the **ssmm\_grants.sql** and **ssmm\_synonyms.sql** scripts.
4. From the File menu, choose Open, File and browse to the \scripts\source\MM\_06\_02\_00 folder. Run the **ssmm\_src.sql** script.
5. From the File menu, choose Open, File and browse to the \scripts\install\MM\_06\_02\_00 folder. Run the **ssmm\_database\_version.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. For more information on running the Database Configuration wizard, refer to the Primavera P6 Administrator's Guide.

**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.