

WORKING WITH P6 PROFESSIONAL 15.1

Adam Baker & Dan Beck May 27, 2015 DRM May 2015 Technical Webinar

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Agenda

- Downloading the Software from E-Delivery
- Working with Databases
- Installing the Software
- Creating a New Microsoft SQL Database
- Connecting to a P6 Database
- Connecting to an EPPM Database using Oracle Cloud Connect
- Upcoming Events
- Questions



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- Documentation
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Working with Databases

- Decision time...
 - Do you want to run a single database?
 - Do you need to run multiple local databases?
 - Do you have local MS SQL databases to be upgraded?
 - Do you have local IT support?
 - Create an initial MS SQL Express database
 - Do the Client Installation using MS SQL Express DB
 - Do you want to be able to run local and connect to an EPPM (web) DB?
 - You can connect to an EPPM Database using Oracle Cloud Connect



Working with Databases

- Supported local databases
 - Oracle SQLite
 - Oracle Express (P6 8.2, 8.3, 8.4). If you have previous version it will run with 15.1
 - MS SQL Express (2005, 2008, 2012)
- Supported group (server) databases
 - Oracle 11, 12
 - MS SQL 2005, 2008, 2012
- P6 Pro can also connect to P6 EPPM databases
 - Direct connection across a LAN or WAN
 - P6 Professional Cloud Connect



Databases Support by P6 Professional 15.1





Working with MS-SQL Databases

Five distinct steps are required





- Open the Downloads Folders on your computer, from the Files that were downloaded from Oracle E-Delivery.
- Double Click "Setup" and click Run

- → × ↑ <mark>·</mark> ·	This PC > Downloads > P6_Pro_R151			
9 Quick access	Name	Date modified	Туре	
E Desktop	database	3/18/2015 2:34 PM	File folder	
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Downloads #	DotNetFX45	3/18/2015 2:34 PM	File folder	
-	Java	3/18/2015 2:34 PM	File folder	
E Pictures 🛛	WindowsInstaller4_5	3/18/2015 2:34 PM	File folder	
💪 OneDrive	🖻 help	3/14/2015 7:33 AM	CAB File	
🗐 This PC	P6Pro	3/14/2015 7:58 AM	Windows Installer	
DVD Drive (D:) J_CC Network	S, 👸 Primavera P6 Professional Setup		×	
	The following components will be install			
	Microsoft DHTML Editing Compo Java(TM) SE Runtime Environme			
	Do you wish to install these com	ponents?		
	If you choose Cancel, setup will exit.			

 Click through various system and Java installation dialogs to get to the P6 Setup

👸 Prima	avera P6 Professional Setup				×
6	Installing Java(TM) SE Runtin	ne Environment 7.0			
				Cance	
Java Setu	up - Welcome				×
Se la companya de la	Java [.]			OR	ACLE
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٦	Note: No personal inform Click here for m	nation is gathered a ore information on			ess.
	Click Install to accept	the license agree	ment and insta	all Java no	w.





- Choose Setup Type
 - Typical This option is to install or upgrade only the P6 Professional application for use with an existing EPPM or Professional Database. The P6 Professional Standalone Database is included. Any existing standalone database will be upgraded to the latest version

 Advanced – Do not go here unless you know why you might want the schema and administrative functionality on a local machine

[Select Typical and Click Next]





• The Setup Wizard will now Install the Software

🔀 Primavera P6 Professional Setup		×	🛃 Primavera P6 Professional Set	up	-		\times
Ready to install Primavera P6 Professional			Installing Primavera P6 Pr	ofessional			
Click Install to begin the installation. Click Back to review or chang installation settings. Click Cancel to exit the wizard.	e any of your		Please wait while the Setup Wizar	d installs Primavera P6 Professiona	ıl.		
			Status: Validating install				
Back Instal	Ca	ncel		Back Ne	xt	Cance	!
			2		9		5

Click Install

R McNatty

Database Configuration and Complete Setup Wizard



Click Finish



Setting up Databases

Steps of Setting up a New Database

G Search P6_R151_Database ► + + Search P6_R151_Database ► + + + Search P6_R151_Database							
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👌 Music	dbsetup.properties	3/6/2015 5:14 AM	PROPERTIES File				
Pictures	dbsetup.sh	3/6/2015 5:14 AM	SH File				

- 1. You should have unzipped the P6 Pro download into folders onto your Hard Drive or Server.
- 2. Go to folder Downloads\P6_R151_Database and look for the Command File "*dbsetup*". Double Click this file to start the process of setting up a Database.



Create a new MS-SQL Database

- 1. Select "Install a new database
- 2. Select Microsoft SQL Server

- 3. The default SQL database administrator User Name should be "sa"
- 4. You will need to know the Password and the name of the SQL database or just use "localhost".
- 5. Leave the port defaulted to "1433" and then type in your database name.

Primavera Databas	Setup Wizard	-		×
Primavera P	6			
Install or Upgrade Prim	avera P6 databases			
Database option	 Install a new database 			
	○ Upgrade an existing database			
Server type	○ Orade			
	Microsoft SQL Server			
		Next >	Canc	el
Primavera Database	Satur Wizard	-		×
Connection 2	Information			
Enter the information re	quired to connect to the database server			
DBA user name	sa			
DBA password	••••			
Database host a	dress WIN-TJLUN 1UEPVM			
Database host po	ort 1433			
		Previous Next >	Canc	el
	-74			



Create a new MS-SQL Database – Cont..

- 6. Enter the name for the new Database
 - PMDB_Sample
- 7. Leave the Database code page set at Default (resist the temptation to select Latin, Chinese, Russian or Japanese)
- 8. Click "Next" to continue

 Use the Primavera default "privuser" password, under Privileged User or can use "pubuser" under the Public User. (Which one that you choose to use will dictate which username and password will be used when creating the alias

Primavera Database Set	up Wizard —		×
Configure Micr	osoft SQL Server		
_	base and the location where the data and log files will be stored.		
Database name	PMDB_Sample		
Data file	c:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\DATA\PMDB_Sample_DAT.MDF		
Log file	c:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\DATA\PMDB_Sample_LOG.LDF		
Database code page	Database default	*	
			e
	< Previous Next >	Can	icel
		46	
Primavera Database Set	up Wizard —		×
Create SQL Ser	ver Users		
Enter privileged and public u	iser name.		
Use existing privile			
Privileged user name	*		
Privileged user pass			
Confirm password	••••••• Confirm password		
	< Previous Next >	Car	ncel
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Create a new MS-SQL Database – Cont..

- 10. Enter a password (admin) for the Administrative User Name
- 11. Uncheck the Checkbox for "Sample Data" if you are creating a fresh database
 - NOTE: If you decide to load sample data, it can take an additional 30-45 minutes for the data to load
- 12. Click "Install" to create the database
 - NOTE: If the project is not tracked in US Dollars, make sure to select the appropriate currency
- 13. The Setup Wizard will now create the database

Primavera Database Setup Wizard		
	- 🗆 X	
Configuration Options		
Configuration Options		
Application User		5.
Administrative user name admin		
Administrative user password		5
Coad sample data		Þ.,
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currency use - bolia v		
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Primavera Database Setup Wizard Create the PPMDB tables Load Sample Data		
Primavera Database Setup Wizard Create the PPMDB tables Load Sample Data	Next > Cancel	



Create a new MS-SQL Database – Cont..

- 14. The Setup Wizard has now completed creation of the database. If all have green check marks next to them, it was successful in creation
 - NOTE: This process may take several minutes or more depending on the computer that it is being loaded onto.
- 15. Click "Next" to continue
- Click "Next" to repeat the process to create an additional database, or click "Finish" if you are complete with the installation

Primavera Database Setup Wizard		-		×
Primavera Database Setup Wizard				
Primavera Database Setup Wizard				
Create the PPMDB tables				
 Load Sample Data Create remaining database objects (e.g. constraints and indexes) 				
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	Nex	t >	Can	el
			1	
		_		X
Primavera Database Setup Wizard				~
Finish				
The installation has been completed. Click "Finish" to exit the application, or "Next" to continue with a	nother installation	ı.		
				e
				6
	Ne	d >	Fini	sh



Connecting to a P6 Database

- 1. Click on the P6 Professional R15.1 Icon to open P6
- 2. Click on the box to the right of the Database field



- 3. Click the "Configure" button to configure current database (PMDB)
 - NOTE: Click the "Add" button to create a new Database Alias (PMDB_Sample)





- 4. Enter a name for the Database Alias
 - Example: PMDB_Sample
- 5. Select your Driver type, in this case "Microsoft SQL Server/SQL Express"

- 6. Enter "localhost" for the default Host Name
- 7. Enter the Database Name
 - **PMDB_Sample**

Primavera P6 Professional R15.1		×
Tatabase Configu	uration	
Select or Create Alias Select an existing database alias, or enter a ne a connection for the first time, select your datal not sure which alias or driver type to use, conta	base driver type using the list of driver type	
Database <u>a</u> lias PMDB_Sample Driver type Microsoft SQL Server/SQL Express		
Cancel	Back Next	Finish
Primavera P6 Professional R15.1		×
Database Configu	uration	
Configure SQL Server C Enter the SQL Server connection information b		
Host Name		
, Database name PMDB_Sample		
🖉 Cancel	Back Next	🔀 Finish



- 8. If you selected "privuser" when creating the database, use that for the Username and Password. If you used "pubuser" when creating the database, then use "pubuser" for the Username and Password.
- 9. Click "Next"

- 10. Click "Next" again on the Validate Database Connection Screen
 - This will validate the setting for the database alias

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🧧 Databa	ise Configu	ration		
Enter Public	Login Inform	nation		
database. The public lo	ne and password to use gin is used to establish ti It should be given to you	he initial connection	on to the	
	ic group id you have bee or group id to use, please			
Database Alias				
PMDB_Sample	Password	Public group	DID	
pubuser	******	1	•	
🖉 Cancel		d Back	Next	🐯 Finish
	- 17			
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Databa Validate Data Now you are ready to va change them. Database alias Username	Abase Configurer Abase Conner alidate the settings for thi PMDB_Sample pubuser 1	ection	ings are incorrect, you o	



8. Click "Finish" to complete Setup



Primavera P6 Professional R15.1		×
Database Configuration		
Connection Successful!		
Congratulations! The database connection was successful. You may now retu selecting Finish.	um to your	application by
Database alias PMDB_Sample		
Cancel Back > N	lext	Finish
Edit Database Connections		×
Available Databases	1	Select
PMDB PMDB_Sample	0	Cancel
	÷	Add
	×	Delete
Type: SQLServer	`	C <u>o</u> nfigure
Details: localhost: PMDB_Sample	•	Help



10. You are now ready to Log In and use P6 Professional R15.1

Login to Primavera P6 Professional	R15.1	
Login Name	🖌 ОК	
Jadmin	🧭 Cancel	
Password	🕐 Help	
Database		
PMDB_Sample		

Enterprise All Initiatives 2254 E&C Engineering & Cons 600 500 17 24 21 20 05 12 19 26 02 05 12 19 26 02 05 12 19 26 02 05 12 19 26 02 05 12 19 26 02 05 12 19 26 02 05 12 19 26 02 05 12 19 26 02 05 13 20 27 04 11 10 25 01 01 12 2 20 05 12 19 26 02 05 13 20 27 04 11 10 25 10 17 24 EC00515 Calve Orite Asiang Acid 71 100 13 10 10 10 10 10 10 10 10 10 10 10 <	Layout: Projects ject ID	Project Name	TotalActivities	Strategic Priority	2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016
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Connecting to an EPPM Database using Oracle Cloud Connect



Create a new EPPM Database for Cloud Connect

- 1. Select "Install a new database
- 2. Select Oracle.
 - Cloud Connect is not compatible with SQL or SQL Lite

- 3. The default Oracle database administrator User Name should be "system"
- 4. You will need to know the Password and the name of the Oracle database.
- 5. Leave the port defaulted to "1521" and then type in your database name.

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Create a new EPPM Database for Cloud Connect– Cont..

6. Configure Oracle Tablespaces. The Tablespaces shown are the defaults for creating a new EPPM Database

- Specify Oracle Tablespace Locations. The Tablespace Locations shown are the defaults for creating a new EPPM Database
- 8. Click "Next" to continue

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Create a new EPPM Database for Cloud Connect- Cont..

9. The Database Setup Wizard will now create all of the Tablespaces for the new EPPM Database

10. Next you will establish the Oracle Users, these are the administrative usernames not production usernames. You can create unique user names and passwords here.

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Create a new EPPM Database for Cloud Connect- Cont..

- 11. Uncheck the Checkbox for "Sample Data" if you are creating a fresh database
 - NOTE: If you decide to load sample data, it can take an additional 30-45 minutes for the data to load
- 12. In this screen you will establish your Administrative username and password you can establish a unique username and password here.
- 13. The Setup Wizard has now completed creation of the database.
 - NOTE: This process may take several minutes or more depending on the computer that it is being loaded onto.
- 14. Click "Finish" to complete the EPPM Database setup.

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Connecting to a Cloud Connect Database

- 1. Click on the P6 Professional R15.1 Icon to open P6
- 2. Click on the box to the right of the Database field



3. Click the "Add" button to create a new Database Alias for P6 Cloud Connect





Connecting to a Cloud Connect Database- Cont..

- 4. Enter a name for the Database Alias
 - Example: PMDB_Cloud
- 5. Select your Driver type, in this case "P6 Pro Cloud Connect"

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- 6. Enter the Database Name
 - Example: PMDB_Demo
- 7. Enter the URL for the EPPM Database
 - Example: https://eppm15demo.mlmprojectservices.com /p6procloudconnect



Connecting to a Cloud Connect Database– Cont..

8. If you entered everything correctly the connection will be successful and you can now use the P6 Cloud Connect Database





Upcoming Webinars

- June 17, 2015 10:00am Pacific
 WORKING WITH DATABASES IN P6 PROFESSIONAL 15.1
- Abstract:

As with the release of P6 8.4, release 15.1 sets SQLite as the default local database. SQLite has some limitations with P6 Pro. We've always been fans of using MS SQL Express for local installs for flexibility. MS SQL Express is free and supports multiple databases on local installations with no sacrifice in functionality. We will review the installation choices for working with both databases choices and provide a downloadable tech tip on how to install MS SQL Express on your local computer.

• Presenter:

Adam Baker

• Registration Link:

https://attendee.gotowebinar.com/register/7999169560049875714



Questions

- All questions are gathered into a master sheet, answered and distributed to all registrants as well as posted on our website.
- Answers are based on our own experiences using the various software products covered in this webinar

Thank you for participating

Adam Baker - <u>abaker@drmcnatty.com</u> Dan Beck - <u>dbeck@drmcnatty.com</u>



Upcoming Events





DRMcNatty Monthly e-newsletter the

Get updates on the latest news, events and upcoming webinars. Sign up for our newsletter on our website www.drmcnatty.com/news

