#### Walk-in Slide: AU 2014 Social Media Feed

1. Click on the link below, this will open your web browser

http://aucache.autodesk.com/social/visualization.html

2. Use "Extended Display" to project the website on screen if you plan to work on your computer. Use "Duplicate" to display same image on screen and computer.



## PD5740 – AutoCAD® P&ID and AutoCAD® Plant 3D: Hidden Treasures in Your Databases

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#### Class summary

#### You will learn:

- how AutoCAD® P&ID/Plant 3D uses databases
- what the difference between Table and View is
- what are relationship tables for
- how you create your own views
- how you get the result of a view into your drawing



#### Key learning objectives

At the end of this class, you will be able to:

- Understand how AutoCAD P&ID software and AutoCAD Plant 3D software handle databases
- Learn where and how the data is stored in the database
- Learn how to create database views
- Discover ways to use the view's result for your work

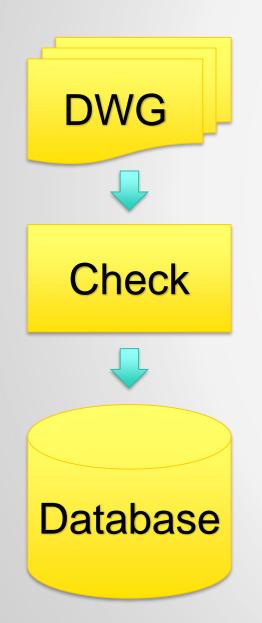


# How AutoCAD® P&ID/Plant 3D uses databases

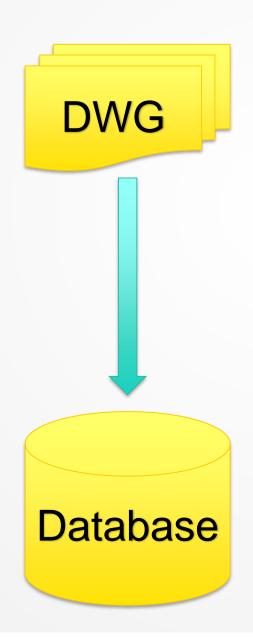


#### How AutoCAD® P&ID/Plant 3D uses databases

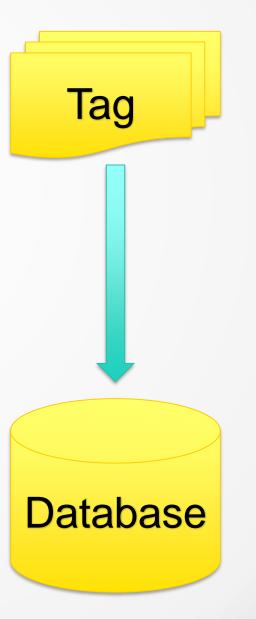
Open DWG



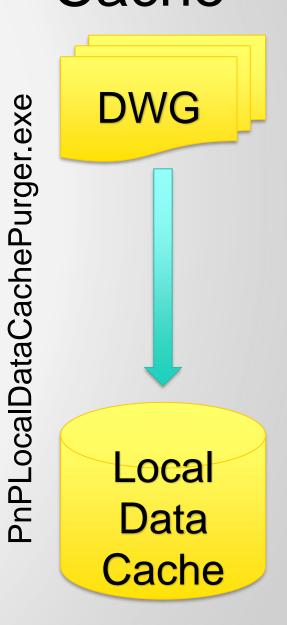
Save DWG



New Tag



Local Data Cache

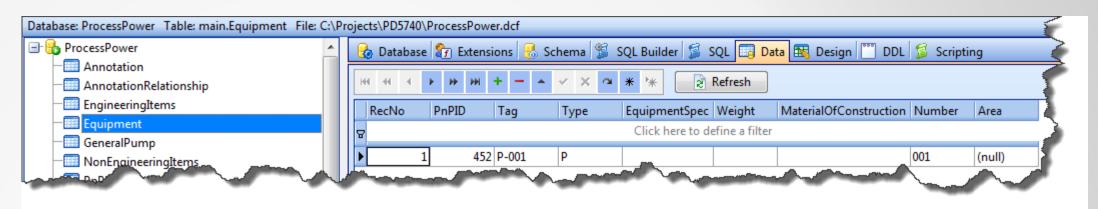


# What is the difference between Table and View

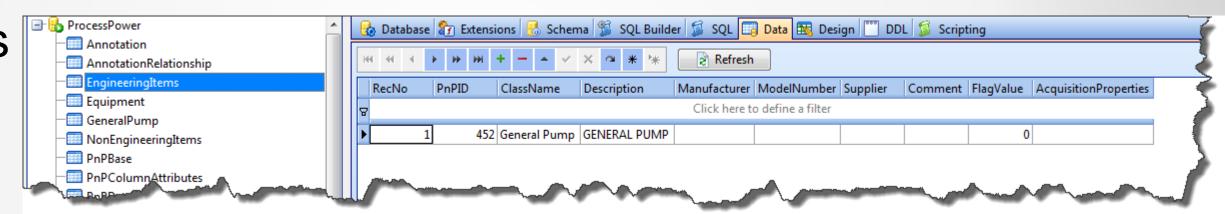


#### What is the difference between Table and View

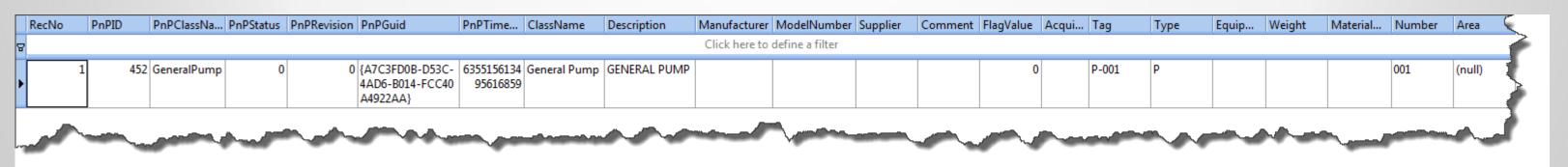
### Equipment Table



### EngineeringItems Table



### Equipment\_PNP View



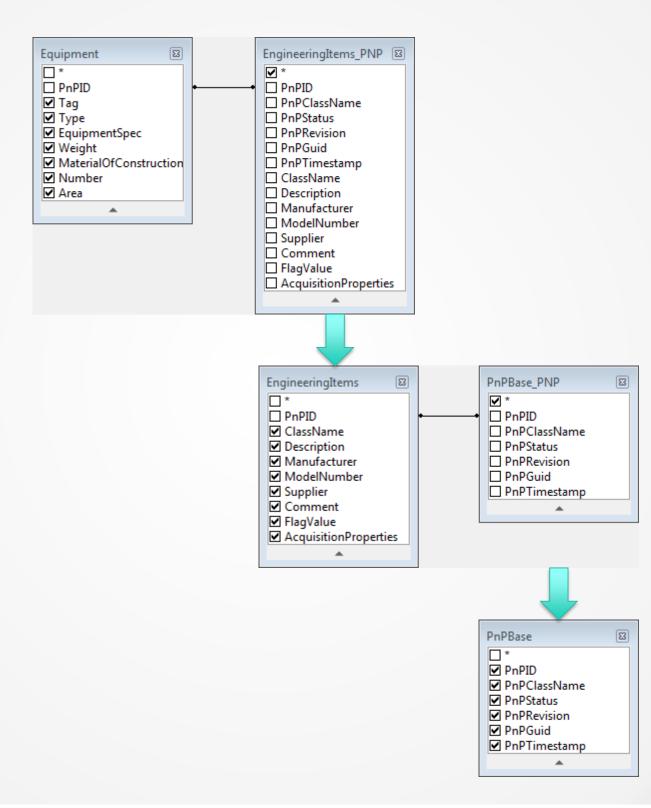


#### What is the difference between Table and View

Equipment\_PNP View

EngineeringItems\_PnP View

PnPBase\_PNP View





#### What are relationship tables for

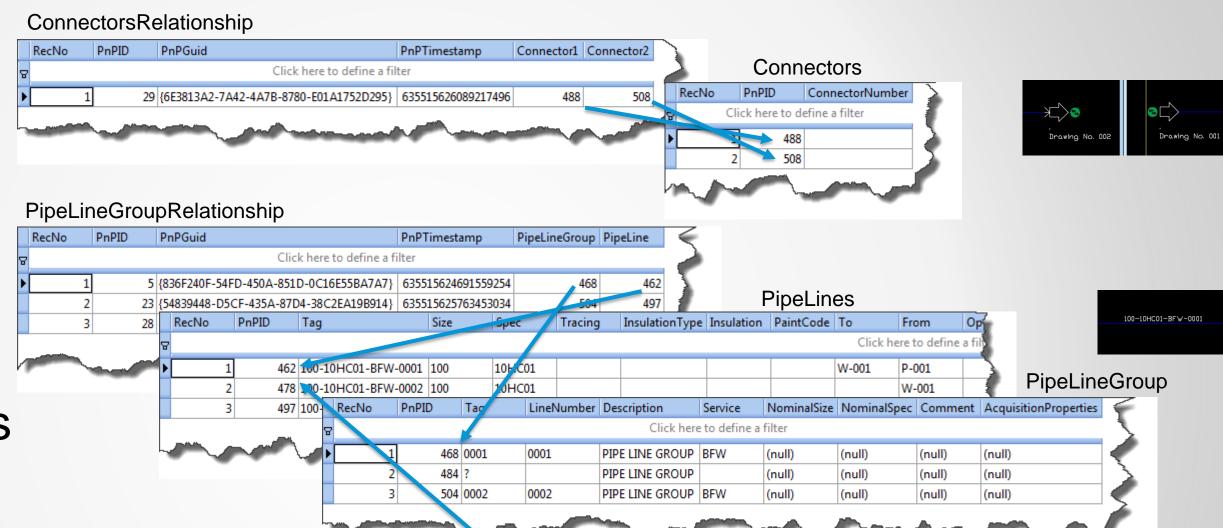


#### What are relationship tables for

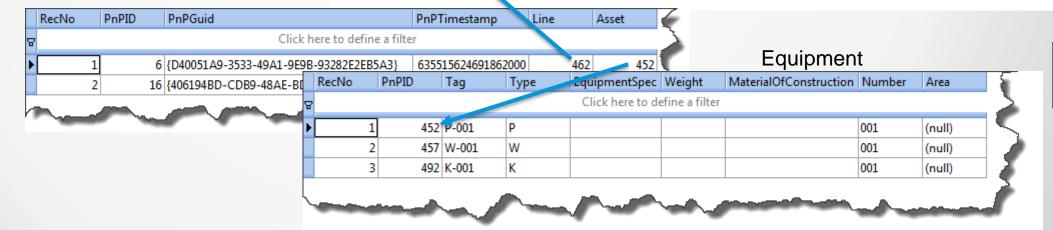
Off-Page Connector

PipeLineGroup & PipeLineSegements

LineStartAsset & LeinEndAsset



#### LineStartAsset

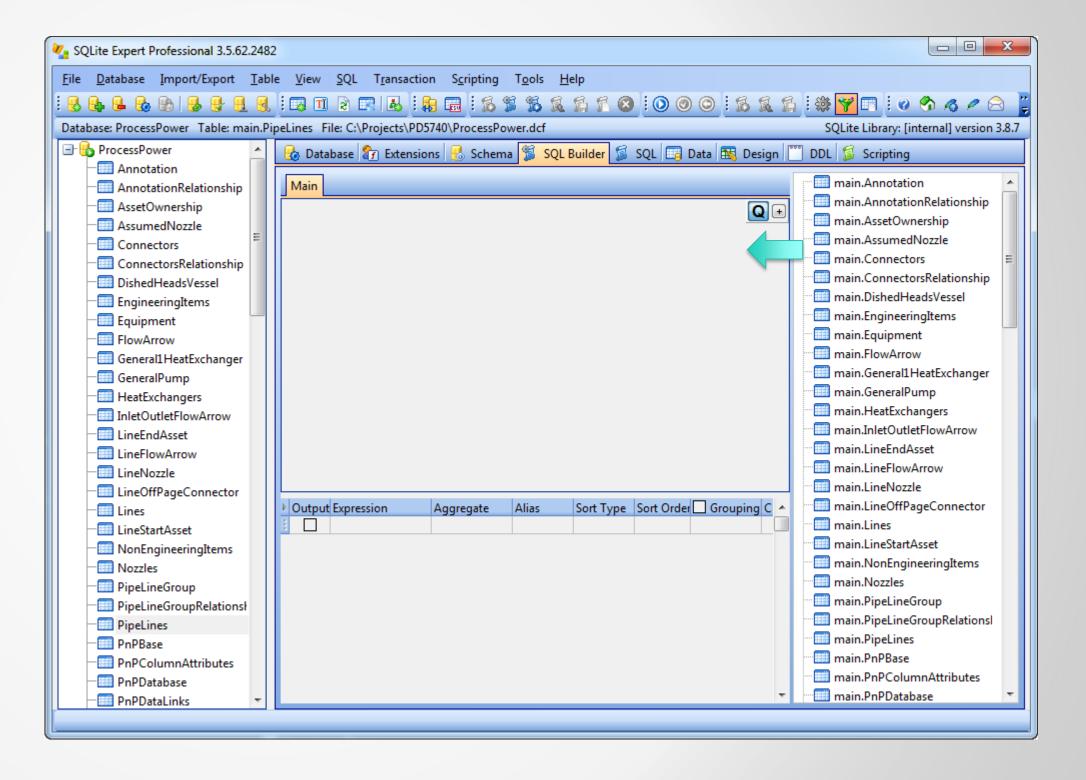






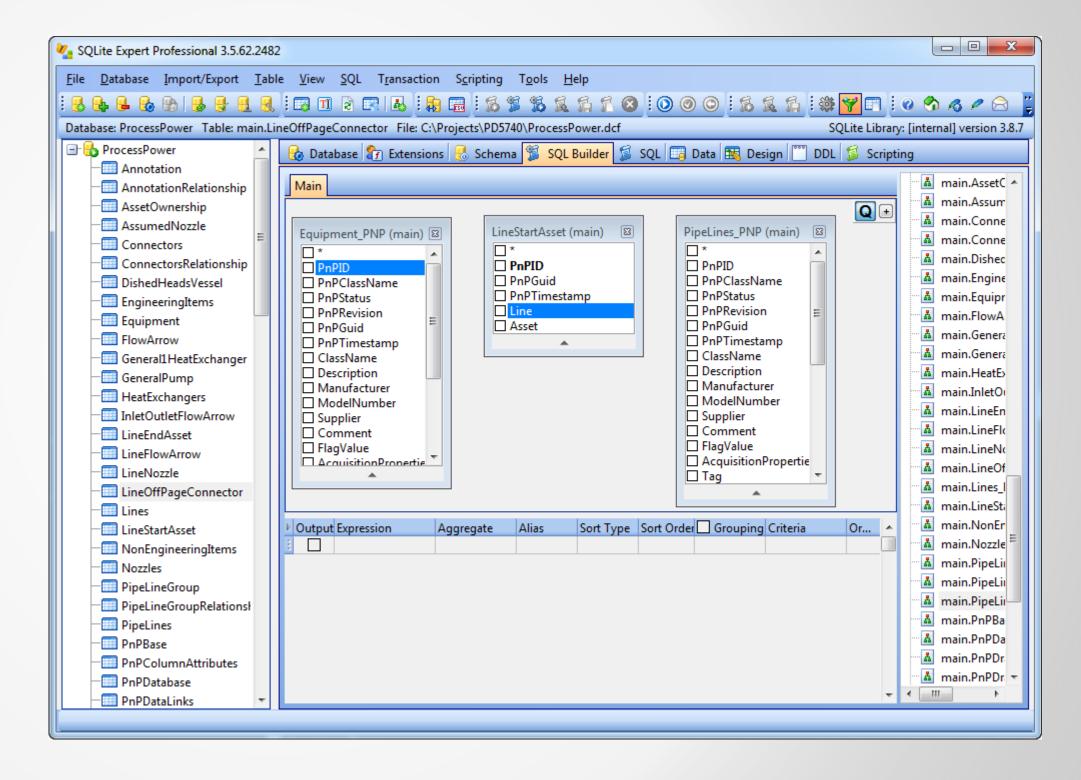


SQL Builder



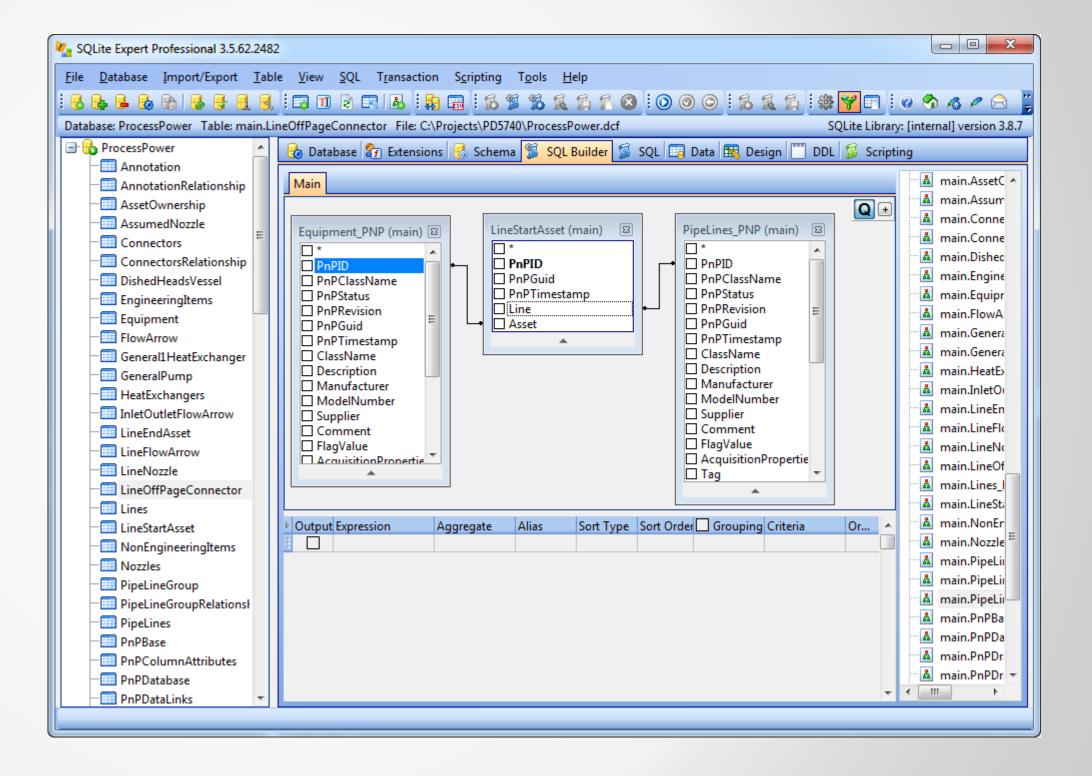


### Select Tables or Views



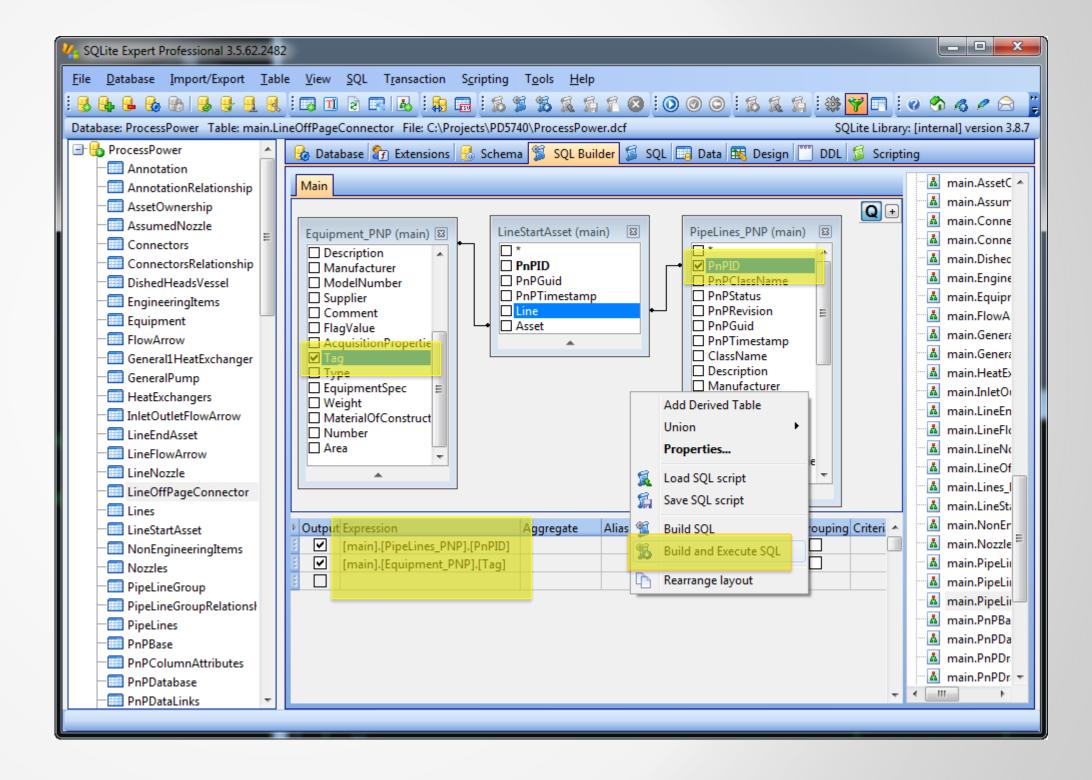


#### Set relationships



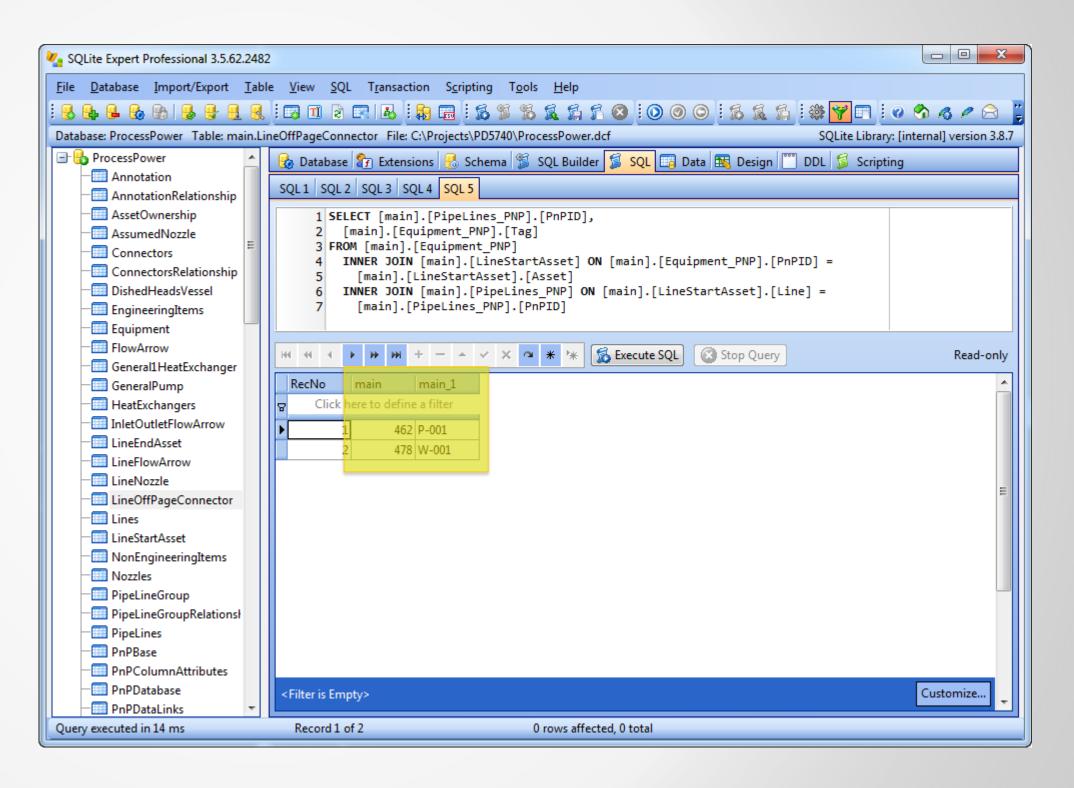


Set fields and execute



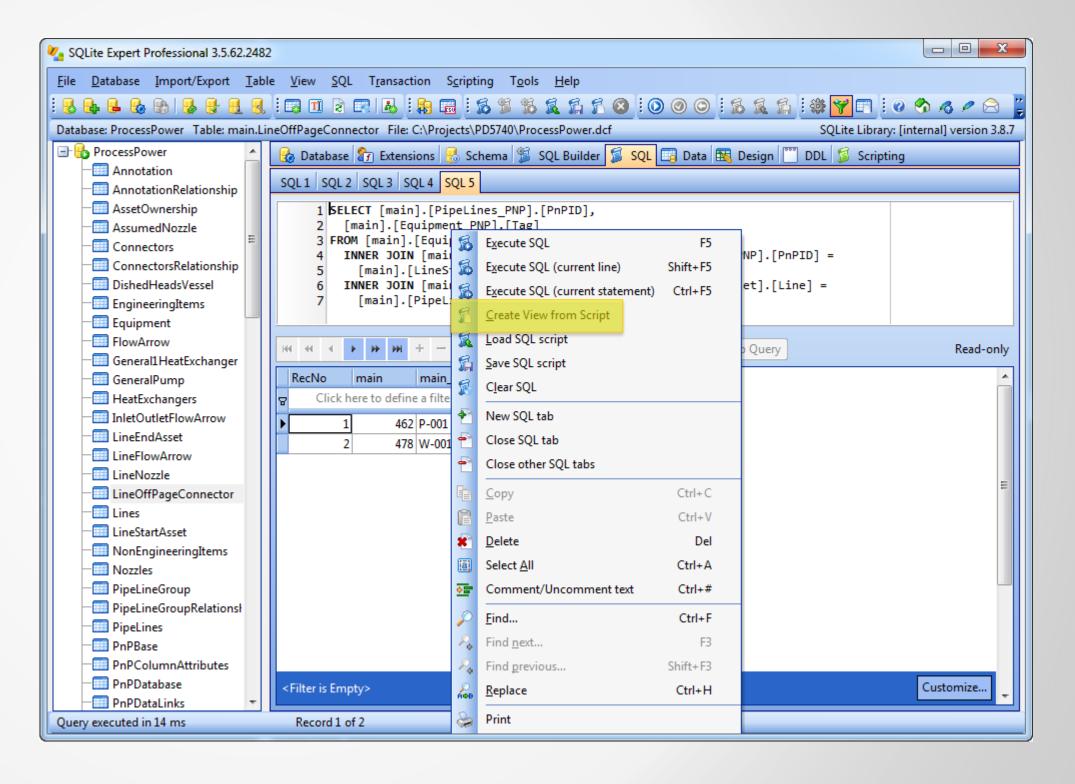


#### Check result



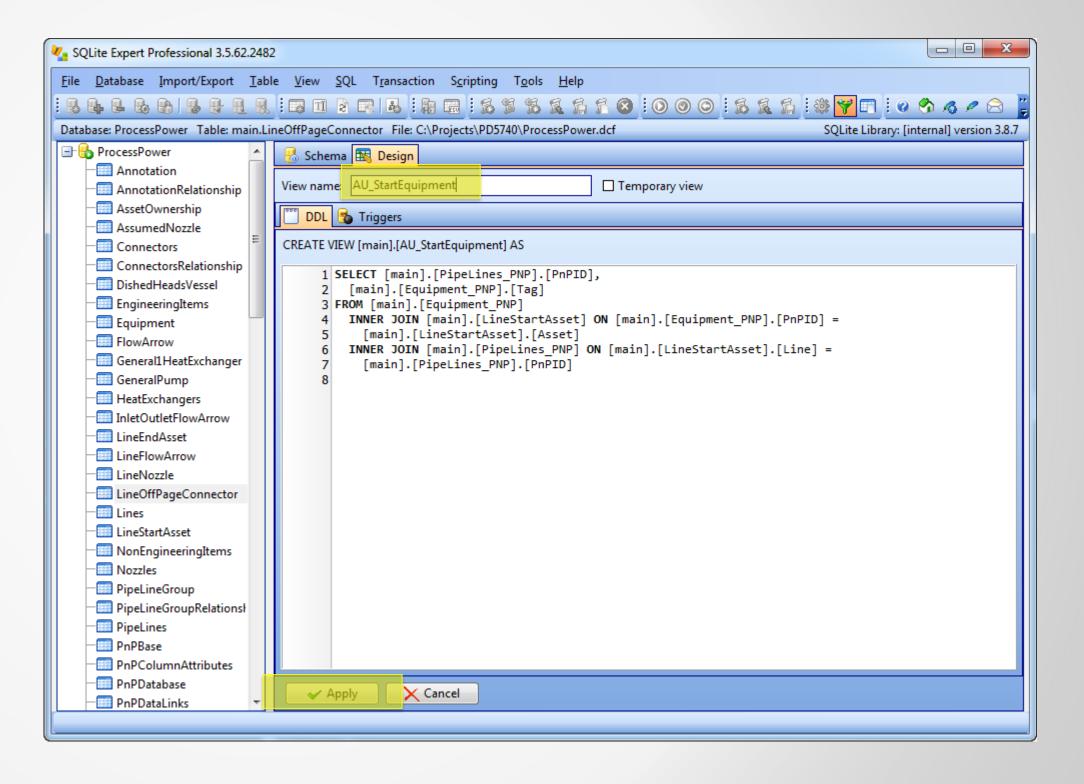


#### Check result





Save View





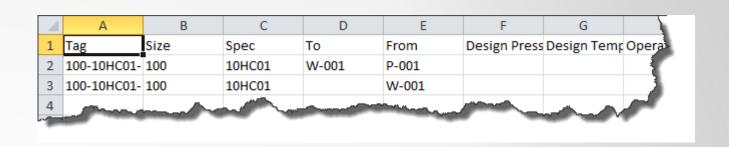
# How to get the result of your view into your drawing

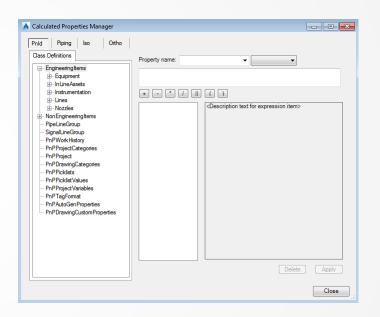


#### How to get the result of your view into your drawing

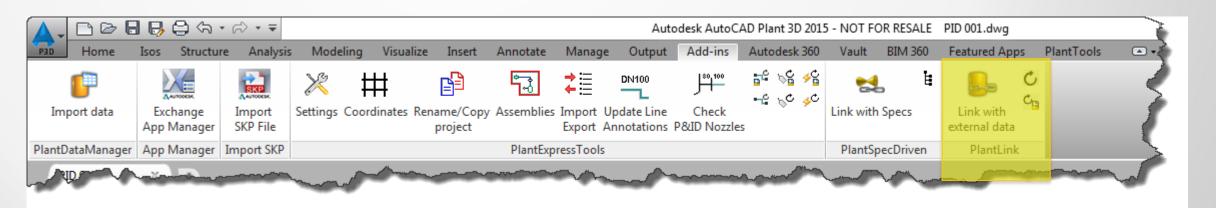
Excel Ex-/Import +Copy & Paste





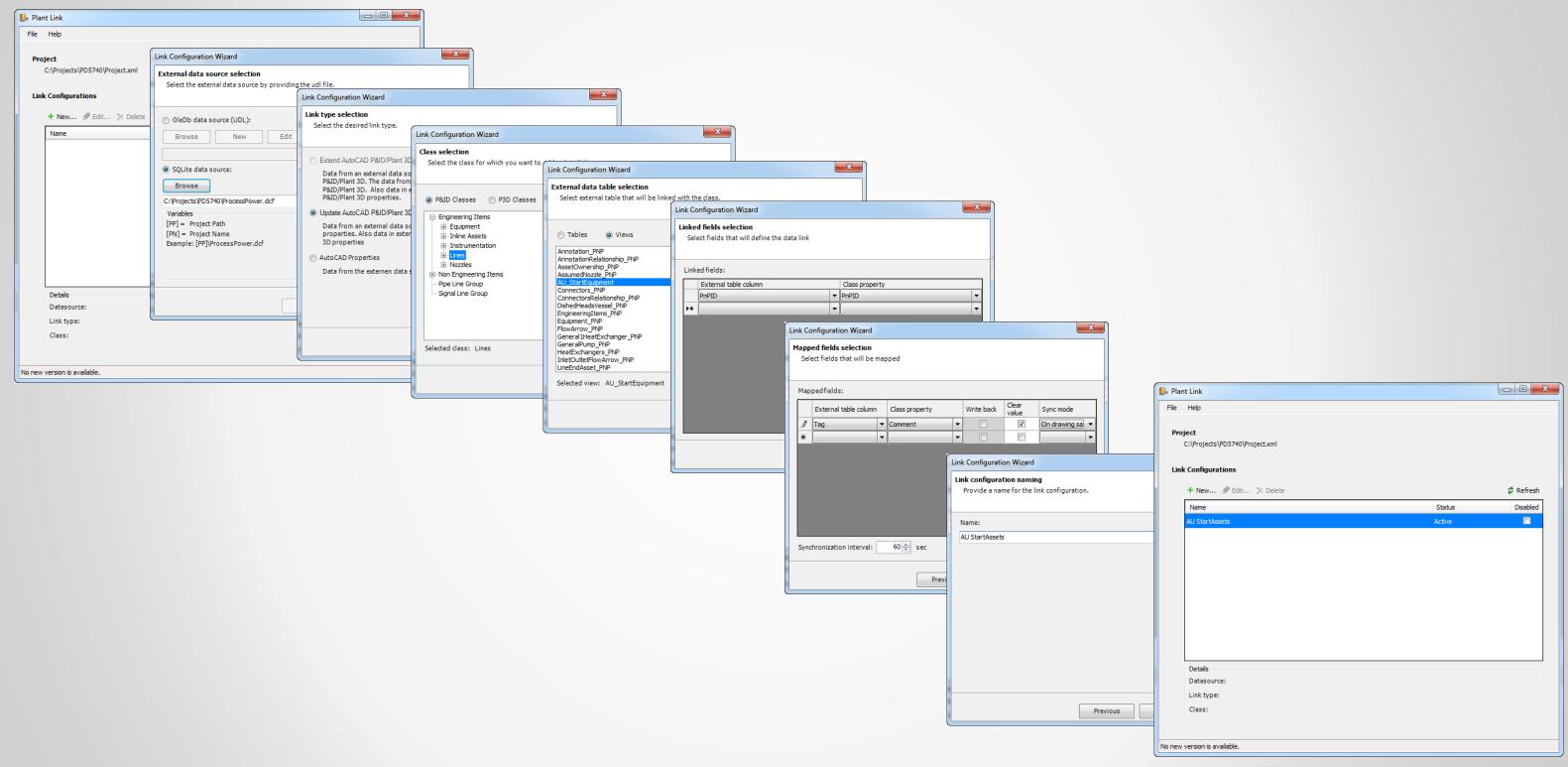


PlantLink





#### How to get the result of your view into your drawing





#### **Session Feedback**

Via the Survey Stations, email or mobile device

AU 2015 passes given out each day!

Best to do it right after the session

Instructors see results in real-time











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