Plant 3D Community Virtual Meet up – Q&A Follow Up – August 2020

APAC Session:
N/A

EMEA Session:

Question:
What software are you using to create python scripts?

Answer:
Please see this “Python for Plant 3D” introduction:

http://hallmarkblogautocadpid.blogspot.com/2013/03/python-scripting-oh-how-fun-this-is-now.html

For those who did already look at this article and found two important links broken, they are fixed now !!

Question:
Is there any guides to help with setting up our own parametrics? i’m looking at doing a cable tray catalog..

Answer:
Please see the python introduction from above, but also this video, which shows how to create cable tray parts based on existing Plant 3D templates:

https://www.youtube.com/watch?v=Ip8hYcIrfS8

Question:
Can we calculate the pipe volume and include in the BOM?

Answer:
You can create calculated properties with PLANTDEFINECALCPROPerties and then modify your BOM to include the calculated property.

Alternatively you can calculate in the Report Creator with the calculated fields, here you have much better options.
Question:
Can we use the metric catalog for imperial projects?

Answer:
Yes, you can mix metric and imperial in your spec. You will need to take care about connection settings though as explained in the presentation.

Question:
What is the clockwise check box in the initial project wizard for? How to set the angle clockwise as a default?

Answer:
In the “Units” interface you can determine apart from the units also how the angle will be displayed: positive counterclockwise (default) or positive clockwise, which can be checked here. If you want this setting to apply to all files in your project, you will need to activate that setting on the template drawing for the iso/ortho or whereever you need it.

AMER Session:

Question:
The model coordination module is that a different type of entitlement or is it available with BIM 360 design?

Answer:
Model Coordination is a separate BIM 360 module available in BIM 360 Design or BIM 360 Coordinate. More info here: https://www.autodesk.com/bim-360/product-matrix/

Question:
I was recently generating an ortho drawing from a model I created in Plant 3D and ran into an instance where I had some 12" Sch 40 pipe and some 12" Sch 10 pipe in which the lengths were combined in the BOM on the ortho drawing. I was unable to get the Sch 10 and Sch 40 to show up as separate items.

Answer:
This will require some research into the ortho BOM configuration to troubleshoot. We recommend submitting a new support request for further investigation.
Question:
Quite unrelated, but are there any Plant 3D training classes coming up?

**Answer:** Complete training courses for Plant 3D are offered through various sources such as LinkedIn Learning, CADLearning.com, or other Autodesk Partners. This page offers additional information on training and getting started with Plant 3D:

[Autodesk Knowledge Network: Plant 3D Information sources - an example of places to look](#)