Plant 3D User Community Virtual Meet Up
8th October 2019

David Manning
Designated Support Specialist
Plant 3D User Community Virtual Meet Up
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Joel Harris
Designated Support Specialist
Plant 3D User Community Virtual Meet Up
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Martin Buss
Designated Support Specialist
GoTo Webinar Platform Attendee Operations

- Use your internet or a phone to connect audio
- Or ask a question
Introduction

- Nabil Nougha

- Designated Support Specialist for French and Middle Eastern Major Accounts
  - @ Autodesk since 2011
  - Supporting: Revit, AutoCAD, Navisworks, Plant 3D, P&ID, BIM 360 Family
  - Based in Dubai UAE
  - Piping Arrangement Engineer
  - Superintendent (10 Years)
  - Nabil.nougha@Autodesk.com
Introduction

- Name: Martin Buss

Designated Support Specialist

- Premium Support Specialist at Autodesk since 2015.

- Mechanical engineer with experience in process engineering projects (power plant / pharma).

- Work experience with CAD piping applications like PDMS, PDS and Plant 3D.

- Supporting; Plant 3D, P&ID, BIM 360, Navisworks and AutoCAD.
Introduction

- Designated Support Specialist
  - Plant 3D and P&ID
  - AutoCAD
  - ReCap
  - Recap Photo
  - Navisworks
  - Fusion 360
  - Vault
  - BIM 360 tools

- 6 years Industrial Steam Plant Design
- 12 Years Piping Design (Oil & Gas)
- Worked at Autodesk since 2015

David Manning
Designated Support Specialist
@DTManningPSS
Introduction

- Joel Harris

- Designated Support Specialist
  - Plant 3D and P&ID
  - AutoCAD
  - ReCap
  - ReCap Photo
  - Navisworks
  - Vault
  - BIM 360 tools

- 23 years process piping designer
- 6 years AutoCAD developer/partner
- 5 years Autodesk Specialist
Introduction

▪ Jason Drew

▪ Designated Support Specialist
  • Plant 3D and P&ID
  • AutoCAD
  • Inventor
  • 3DS Max
  • Navisworks
  • Fusion 360
  • Vault

▪ 10 years IT Support

▪ 3 years P&ID Design (Oil & Gas)

▪ 11 years Autodesk Specialist
Agenda

- Overview.
- Plant 3D News.
  - Follow up Questions from last month.
  - General Updates and News.
- Report Creator and Data Manager Standoff.
- Updating and hotfixes / AutoCAD vs Plant 3D versions.
- Open Discussion and Q&A.
Overview

Objective:

- To provide a routine engagement with the Plant Design Community in the local region.
- To foster a collaborative user community while increasing the understanding and knowledge of Plant 3D and associated tools and workflows.

Scope:

- Each session is intended to be a casual engagement, with a small portion for news and information followed by a more general discussion around the products and workflows. The discussion is hopefully driven from the users attending.
Safe Harbor Statement

- We may make statements regarding planned or future development efforts for our existing or new products and services. These statements are not intended to be a promise or guarantee of business results, future availability of products, services or features but merely reflect our current plans and are based on factors currently known to us. These planned and future development efforts may change without notice. Purchasing and investment decisions should not be made based upon reliance on these statements.

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Plant 3D News
Maintenance Period

October 12th 2019

- Plant Collaboration Services will have an important maintenance on Pacific Time Saturday, Oct. 12th, from 12:00 AM PDT (UTC-7) to 02:00 AM PDT (UTC-7).

- During this period, Plant Collaboration Services will probably have a downtime, and you will not be able to work on Plant Collaboration projects.

- We are really sorry for any interruptions to your work and we sincerely appreciate your understanding.
Plant 3D Virtual Community Live from Las Vegas

November 2019

- One session only, globally, for November only
  - The Session will be broadcast live from AU Las Vegas.
  - There will be community members attending Live in the room at AU Las Vegas.
  - Anyone will be able to dial-in virtually as normal from any were.

PM321767 - AutoCAD Plant 3D Virtual User Community Meetup—Not So Virtual

This is an opportunity to meet with AutoCAD Plant 3D and AutoCAD P&ID users from around the world. It will be a time to network and share experiences.

Speakers

David Manning - Designated Support Specialist
AUTODESK

Additional Information

Format:
Community Meetup

Relevant topics:
AutoCAD and General Design, Utilities, Energy and Natural Resources

Primary product:
AutoCAD Plant 3D

Additional relevant products:
AutoCAD, AutoCAD P&ID, BIM 360 Team
AutoCAD Plant 3D Community Virtual Meet-up

Share on social media with your colleagues

Webinar

AutoCAD Plant 3D Community Virtual Meet-Up

Tuesday, October 8, 2019

Register now

AMERICAS
11:00 AM
US Pacific
2:00 PM
US Eastern

EUROPE
10:00 AM
London
11:00 AM
Central Europe

ASIA/PACIFIC
12:00 PM (noon)
Singapore
2:00 PM
Sydney

Jason Drew
Joel Harris
Nabil Nougha
Martin Buss
Daniel Manning
Vinod Balasubramanian
Plant 3D with the Experts

New YouTube series for beginners and Experts

Plant 3D with the Experts

A global webinar series from your Autodesk Product Support Team.

Playlist Link
Plant 3D with the Experts - Video Blog Series

Do you want to know more about Plant 3D?
Do you want to know a how to get started?
Are you an Plant 3D user or administrator with questions?

If you answered yes to any of these questions then this webinar series may be just the thing you need.

The Autodesk Product Support Team has planned a long list of short videos to help
Autodesk University for Plant 3D Users

Classes are filling fast, some are already full.

- **PM321767 - AutoCAD Plant 3D Virtual User Community Meetup—Not So Virtual**
- **ENR323525-L - If You Build It! You Can Pipe It in AutoCAD Plant 3D!**
- **ENR323208 - Things You Didn’t Know: Working More Efficiently with AutoCAD Plant 3D and AutoCAD P&ID**
- **ENR323574 - Tying It All Together with AutoCAD Plant 3D and AutoCAD P&ID**
- **PM323879 - Setup AutoCAD Plant 3D to Meet Your BIM Requirements**
- **ENR317240-R - What Now: Things You Are Missing in AutoCAD Plant 3D**
- **PM324089 - Creating a Digital Twin Based on Forge and Industry Standards (DEXPI, OPC UA, and FMI)**
Autodesk University Online

Weeks of Training, free, On demand and from top Industry experts

https://www.autodesk.com/autodesk-university/au-online
We are glad to announce AutoCAD Plant 3D Rogue Beta officially GO LIVE. It’s available on AutoCAD Customer Council now.

Can’t find the AutoCAD Customer Council?

Email Plant3D.Beta.Team@autodesk.com to request access.
**AutoCAD Plant 3D Rogue Beta**

**Important Notes**

This is a fully functional working Beta of a new release of AutoCAD Plant 3D with Cloud Collaboration, but it is not the final production release.

This means changes to the program can still be made before the production release, making this a valuable opportunity to help us fix and improve the product.

We encourage everyone to try it out and provide feedback, and since this is a Beta please follow the guidelines below:

- **Exchanging Drawings**: Do NOT exchange drawings created with this Beta. Also, do NOT use this Beta in a production environment or to add existing production drawings.
- **Side-by-Side Installations**: Do NOT install side-by-side with other Autodesk beta releases.

**When Finished**: When you finish testing this Beta, delete the files that you created and edited, and uninstall the Beta.

**Get Started**

1. Learn What's new in [Getting Started](#).
2. Install the beta. Enter Beta serial number and the product key 426M1 to activate it online.
Report Creator and Data Manager Standoff
Report Creator Vs Data Manager

**Data Manager**

- **Advantages:**
  - Import & export of data.
  - Quick reporting from within project.
  - Export to Excel and CSV.
  - Easy to set up repeatable reports through project setup.

- **Limitation:**
  - Only support existing database fields
  - No custom reporting / Templates
  - Only excel (CSV) format. No PDFs.
  - Not a standalone interface.

Report file format = XML
Report Creator Vs Data Manager

- **Report Creator**
  - **Advantages:**
    - Deliver reports to internal or clients catering to the format they require.
    - Create custom report types for BOMs, Material lists etc.
    - Export to multiple file formats.
    - Easy to modify & configure based on components & classes you need.
  - **Limitation:**
    - Standalone application and not within Plant interface. Installed with Plant 3D (Requires Plant 3D on computer).
    - Unable to import data back into project.

  Report file format = RCF
Can I convert one file format to another?

- Report Creator configuration files (RCF) can not be converted to Data Manager report configuration files (XML).

- Data Manager report configuration files (RCF) can not be converted to Report Creator configuration files (XML).

Conversions not possible
Let’s walk through a report through Report Creator

- Things to note before we start creating a simple report:
  - Query
  - Layout
  - Output Type
  - Filetype
  - Path & Filename
  - Options
  - User Interface
Let’s walk through a report through Report Creator

- How to create a structure to the report:
  - Group
  - Sort
  - Filter
  - Calculation
  - Scripting

- Note:
  - Grouping is clustering all like items into a single reported section.
  - Sorting is the process for ordering the items within the report and sections.
Let's see how Data Manager works

- To access Data manager - > Home tab -> Project panel -> Data Manager
- Or command line: DATAMANAGER
- Tree view in left pane > Data Manager displays object views, customized views, or reports.
- Data view displays properties of a selected item.
- Set up customized views of your plant object data, choosing any property to display prominently.
Let’s see how Data Manager works

- Creating a customized view in Data Manager:
  - In Project Setup – Customized Views – Create a NEW one.
  - Select Class Property dialog to select the object type.
  - Control the report scope:
    - Expand scope to include project data.
    - Limit scope to include drawing data only.
Key Issues & Articles to note on Data Manager & Report Creator

- Data Manager contains components that do not exist in the AutoCAD Plant 3D project drawings
- Plant 3D: Data export to CSV not exporting correct format from Data Manager
- Error when exporting from the data manager to Excel in AutoCAD Plant 3D on Windows 10
- Unassigned tags display in the Data Manager in Plant 3D
Updating and Hotfixes
AutoCAD vs Plant 3D versions.
AutoCAD Plant 3D Updates and Versions

In the Pipes
Tips and Tricks from the Autodesk Product Support Team

May 04, 2019

What version is it anyway?

I often find that it can be confusing for people where to find what version of Plant 3D you are using and how often times to read it.

Following on from Remco's previous post "All Updates installed", I thought this might add some colour if not clarity.

It is important to distinguish between the AutoCAD built and the Plant 3D Build installed, which is BIM related and is not packaged together anymore. So how do I know what version of Plant 3D I am using or the AutoCAD version?

In the top right corner of the Plant 3D window find the help question mark and open the menu below, then select the "About" option.

This opens the Plant 3D Information window. The image below highlights the different areas for Plant 3D's version and the lower line for the AutoCAD version.

1. About
2. Help

?!

Yes, already

AutoCAD Version Data
(AutoCAD Under Plant 3D)

Plant 3D Version Data
Open Discussion and Q&A

Ask your questions in the Q&A panel
Autodesk offers free downloadable enablers that you can use to access, display, and manipulate object data in applications different from their native environment. This provides essential data accessibility for design teams who create or receive files using Autodesk software. In particular, the AutoCAD Plant 3D object enabler allows Navisworks users to directly retrieve property data while reviewing AutoCAD Plant 3D models.

Navisworks: If you open a drawing that contains external references, properties for AutoCAD Plant 3D objects in external reference drawings may not display. To solve this, delete the NWC file for the external reference, load Navisworks, and open the external reference DW6 before opening up the master drawing.

English

AutoCAD_Plant_3D_2020_Object_Enabler_English_Win_64bit_dlm.sfx.exe (exe - 25.7MB)

French (Français)

AutoCAD_Plant_3D_2020_Object_Enabler_French_Win_64bit_dlm.sfx.exe (exe - 25.7MB)
Other Virtual Meetups

Share with your co-workers

Monthly Virtual Meetup

- **Virtual Meetup** is a monthly webinar and an ongoing forum engagement, supplemented by in-person meetings at AU Las Vegas and Regional AUs. Flavors of the main agenda:
  - **Connect with Experts** – best practices and live discussions with subject matter experts
  - **Open mic** – customers presenting their stories or workflows
  - **Updates from product teams** – a product team comes to share what’s new in the release and what’s coming next

https://customersuccess.autodesk.com/
Plant 3D Virtual Community Meetup resources

by Customer Success Team • on November 21, 2018

Overview

Objective:
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November 6th 2018

APAC Session

Agenda:
- Overview
- Plant 3D News
- Follow up on last months Questions
- Update 2019.1
- Open Discussion and Q&A

EMEA Session

Agenda:
- Overview
- Plant 3D News
- Follow up on last months Questions
- Update 2019.1
- Open Discussion and Q&A

AMER Session

Agenda:
- Overview
- Plant 3D News
- Follow up on last months Questions
- Update 2019.1
- Open Discussion and Q&A

More detailed agendas to be published in advance in 2019

Presentation PDF Link

Presentation PDF Link
Thank you for getting involved
Reference Materials and Links

- Autodesk Knowledge Network
- Autodesk University
- Autodesk YouTube
  - Plant search Link
  - Autodesk AutoCAD Plant 3D
- Autodesk ANZ
  - AEC Collection –Let’s make a project
- In The Pipes
New registration page, now online: https://www.autodesk.com/customer-success/plant-3d

AutoCAD Plant 3D Community MeetUp Webinars

Autodesk is proud to present our monthly AutoCAD Plant 3D Community MeetUp webinar series. In this space we will hear news and information on AutoCAD Plant 3D design solutions, participate in live Q&As with Autodesk specialists, and have the opportunity to connect with diverse members throughout the worldwide AutoCAD Plant 3D community.

The webinars are scheduled for 30 minutes, though we will always extend beyond the initial half hour whenever a lively discussion happens to take a life of its own.

Americas Session
Europe Session
Asia/Pacific Session

View all upcoming Customer Success events
View all past Customer Success events
“In the Pipes” has Moved

- As another step as Autodesk’s ongoing process to improve our customers experiences has moved the “In the Pipes” blog to a new home.

https://blogs.autodesk.com/in-the-pipes/
Transport Layer Security (TLS): Updates Required to Maintain Software Access

- **Issue:**
  Transport Layer Security (TLS) 1.0/1.1 is vulnerable to man-in-the-middle (MITM) attack that can compromise data exchanges. This applies to single-user subscribers using the software versions listed below; customers using software or versions not listed and customers using perpetual or multi-user (network) licenses will not be affected.

- **Environment:**
  This issue affects a selection of Autodesk software used on Windows, Mac, and Linux versions 2014, 2015, 2016 and/or 2017.

For most 2018, 2019, or 2020 software versions, your software and account are not affected.