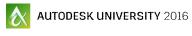


Carsten Beinecke Product Manager CAD STUDIO ABCOM www.cadstudio.com Booth #1465

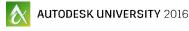






Class summary

AutoCAD P&ID and AutoCAD Plant 3D create a whole lot of data while you are drawing. We show how you start with a simple report and then start grouping and ordering it in the way you need. We show you how to define the classes you want to use for your report and what how you layout your report. We explain the user interface of Report Designer of DevExpress so you know how to work with the different palettes.





Key learning objectives

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

- Define the query of your report
- Use the wizard of DevExpress
- Understand the user interface of Report Designer
- Structuring with Grouping, Sorting, Filtering your report



Think first

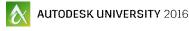




Think first

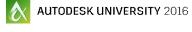
What you should check before you get started:

- Sample Documents
- Existing Report
- Classes & Properties
- Structure (Group, Sort, Filter)
- Calculation & Scripting
- Layout
- Output Type & Format (PDF, XLS)





User Interface

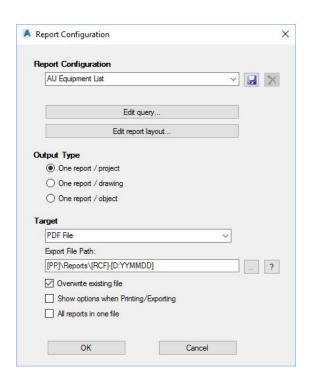


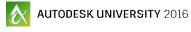


User Interface

Step by Step:

- Query
- Layout
- Output Type
- Filetype
- Path & Filename
- Options





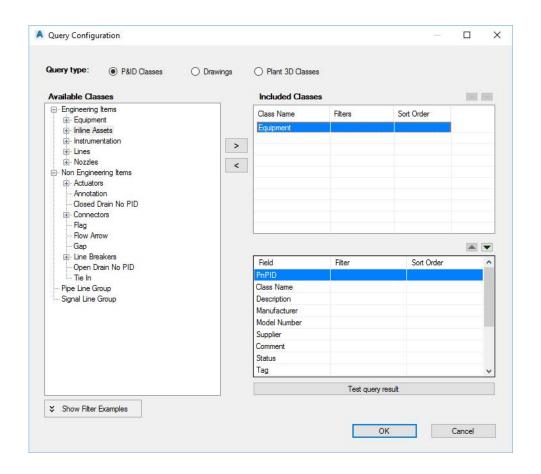


Defining Query



Defining Query

- P&ID or 3D
- Classes
- Properties
- Filtering & Ordering
- Test Query







Wizard

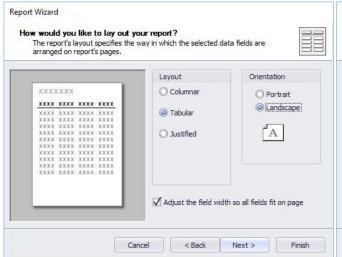


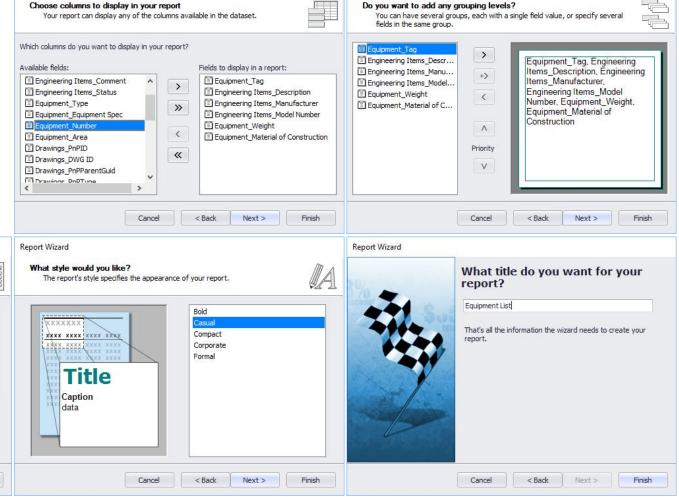
Wizard

Fields/Properties

Report Wizard

- Grouping
- Layout
- Style
- Header



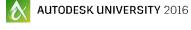


Report Wizard





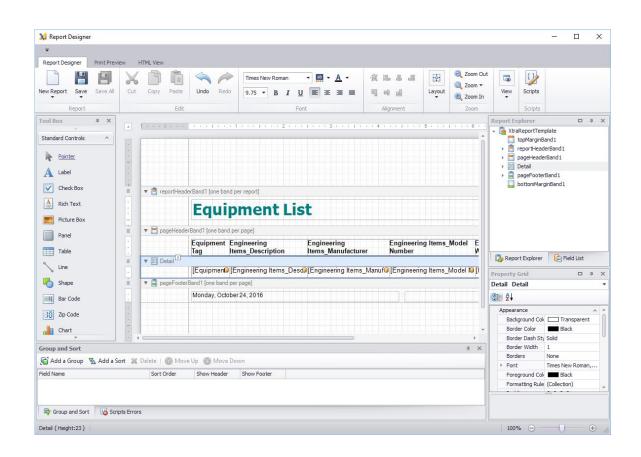
User Interface DevExpress





User Interface DevExpress

- Ribbon
- Tool Box
- Report Explorer
- Field List
- Properties
- Group and Sort







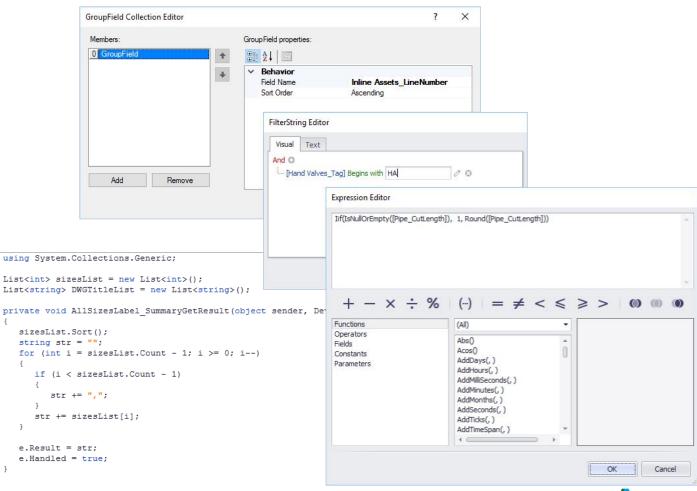
Structuring



Structuring

- Group
- Sort
- Filter
- Calculation

Scripting





Demo



Demo Use Cases

- Equipment List
- Pumps & Blowers List
- Valve List by Line# and Description + Spec + Size
- BOM from 3D Piping

Video Link: http://autode.sk/2dcco0D

Autodesk® AppStore → PlantReporter

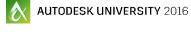
AKN P&ID Forum: http://forums.autodesk.com/t5/autocad-p-id-forum/bd-p/245

AKN Plant 3D Forum: http://forums.autodesk.com/t5/autocad-plant-3d-forum/bd-p/371





PlantReporter

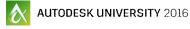




PlantReporter

Additional Features:

- No need for AutoCAD® P&ID/Plant 3D
- Versions/Revisions and Differences
- Multiple AutoCAD® P&ID/Plant 3D projects
- Other data sources





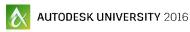
Visit us at Booth #1465



How did I do?

- Your class feedback is critical. Fill out a class survey now.
- Use the AU mobile app or fill out a class survey online.
- Give feedback after each session.
- AU speakers will get feedback in real-time.
- Your feedback results in better classes and a better AU experience.









Autodesk is a registered trademark of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without not responsible for typographical or graphical errors that may appear in this document. © 2016 Autodesk, Inc. All rights reserved.

© 2016 Autodesk. All rights reserved.