CI-121344 – The Pressure of Content Catalog Editor – How To Create Parts in CCE For Civil 3D

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“ONLY A FEW FIND THE WAY, SOME DON’T RECOGNIZE IT WHEN THEY DO SOME... DON’T EVER WANT TO.”

- THE CHESHIRE CAT
Today’s Class:

- Describe the best practices for editing and creating parts for pressure networks in Civil 3D.
- Use Civil 3D and Content Catalog Editor to create and edit pressure network parts.
- Update the pressure network catalog with the new parts you created or edited in Civil 3D for use in a design.
- Use the parts that you create for your project designs with clients by implementing them in construction documents.
Today’s Roadmap:

- 3D modeling review
- Researching online parts
- Editing the Content Catalog Editor (CCE)
- Creating a part for the Content Catalog Editor
- Adding pipes to the Content Catalog Editor
- Updating or creating a Parts List with new parts
Review Your Skills
Solid Modeling Review

- 3D Solids only
  - No Surfaces
  - No Meshes
  - No Polyface Meshes

- Unioned Solids
  - Multiple solids, no
  - Can contain more than just the pressure part
What's New - Check out our latest featured products and more!

Watts 3d CAD Program

We are pleased to announce the release of our online 3d CAD drawing program available in the Engineer Resource Center or on applicable product detail pages. The Architectural, Engineering, and Contracting community can preview and download the new 3d as well as 2d CAD files in a variety of popular industry formats. Our new 3d files are designed for use in most popular Building Information Modeling (BIM) applications.

CAD Drawings Library

This page lists all products with available CAD Drawings. Simply click the series name for a list of all available drawings, located on the designated product details page.

- Water Safety & Flow Control Products
- Backflow Prevention Products
- Drainage Products

More Information

CAD Library Links
- Water Safety & Flow Control Products
- Backflow Prevention Products
- Drainage Products

Available Formats

- Revit
- DWG
- STEP
Finding Online 3D Parts

- File formats
  - DWG
  - STEP
  - others

- Websites
  - Grabcad
  - Watts
  - CADForum
  - Bibliocad
  - Other Manufacturers
What is CCE?
Content Catalog Editor

- Runs Outside of Civil 3D
- Pressure Parts only
- SQLite file
- Only accepts .CONTENT Files
- Dialog Driven
Intro to Catalog Content Editor (CCE)

- Starting Content Catalog Editor
  - Location and files needed

- Creating a pipe
  - Importing a Part
  - Required Fields
Where To Use The Parts...
Update Parts in Civil 3D

- Unioned Solid
- .CONTENT File
- Update Pressure Parts List
- Add to New Parts List in Civil 3D or Existing
Creating a Water Meter

- Importing a 3D Solid
  - STEP file
  - Union the solid

- Create the 3D Water Meter Box
- Adding Connection Points
- Exporting the .CONTENT file
Inserting a New Water Meter into CCE

- Open the catalog location
- Fill out the dialog
- Double-check the part size
Creating New Parts and Using Them
Use New or Revised Parts in Civil 3D

- Update SQLite file in CCE
- Update Civil 3D pressure parts list
- Add to new or existing Pressure Network in a project in Civil 3D
Inserting a New Water Meter into a Parts List

- Set the catalog location
- Save the file
- Create new catalog
- Add new part
Live DEMO - BONUS
Review The Class Parameters:

- Describe the best practices for editing and creating parts for pressure networks in Civil 3D.
- Use Civil 3D and Content Catalog Editor to create and edit pressure network parts.
- Update the pressure network catalog with the new parts you created or edited in Civil 3D for use in a design.
- Use the parts that you create for your project designs with clients by implementing them in construction documents.
Review The Goals

- How to model in 3D – a quick review
- Where to go online for parts?
- Using the Content Catalog Editor (CCE)
- Created a .CONTENT file for the Catalog Content Editor
- More pipes for the Content Catalog Editor
- Pressure Network Parts List with new parts from CCE
Class Survey

- Be sure to fill out the class survey—Thanks!

- Improve your AU experience by using the AU mobile app.
QUESTIONS ANSWERED HERE EVEN THE SILLY ONES
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