

# 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.



# PD6442-L: Configuring AutoCAD Plant 3D Isometrics

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# Class summary

How to use the isometric configuration files for your needs - with a main focus on the isoconfig.xml

We are talking about all the configuration files which are available to configure isometric drawings to your needs.

# Key learning objectives (KLO)

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

1. Have an overview of the configuration files for isometric drawings
2. Use user-defined components for isometric drawings
3. Configure the isoconfig.xml
4. Do additional customization of isometric drawings

# Overview of the configuration files for isometric drawings

Directory structure for isometrics:

*<Project Path>\Isometric\.*

*.\*<different Iso Styles>**

*.\*<Isometric Style Files>**

*.\*<Isometric Project Files>**

Name	Date modified	Type	Size
Check_A2	18.09.2014 13:52	File folder	
Check_A3	18.09.2014 13:52	File folder	
Final_A2	18.09.2014 13:52	File folder	
Final_A3	18.09.2014 13:52	File folder	
Live Preview	18.09.2014 13:52	File folder	
Spool_A3	18.09.2014 13:52	File folder	
Stress_A2	18.09.2014 13:52	File folder	
BoltSizeMappings.xml	21.01.2011 18:12	XML File	2 KB
IsoSkeyAcadBlockMap.xml	29.04.2013 03:33	XML File	10 KB
IsoSymbolStyles.dwg	27.06.2014 04:57	AutoCAD-Zeichn...	218 KB
Plant3dIsoSymbols.dwg	21.01.2013 04:11	AutoCAD-Zeichn...	35 KB
PropertyTranslationMapping.xml	24.08.2011 05:09	XML File	1 KB

Name	Date modified	Type	Size
Iso.atr	10.05.2011 20:18	ATR File	1 KB
Iso.dwt	25.11.2013 04:45	AutoCAD Template	39 KB
IsoConfig.xml	29.07.2014 04:45	XML File	203 KB

# Overview of the configuration files for isometric drawings

## Configuration Files:

### ***Isometric Project Files:***

- *BoltSizeMappings.xml* LO 4
- *IsoSkeyAcadBlockMap.xml* LO 2
- *IsoSymbolStyles.dwg* LO 2
- *Plant3dIsoSymbols.dwg* LO 4
- *PropertyTranslationMapping.xml*  
LO 4

### ***Isometric Style Files:***

- *IsoConfig.xml* LO 3
- *Iso.atr* LO 4 (+ LO 3)
- *ClientConfig.isf* LO 4
- *Iso.dwt* LO 4

***LO = Learning Objectives***



## Use of user-defined components in isometric drawings

## Used files:

- *Catalog-File (\*.pcat)*
- *Spec-File (\*.pspx, \*.pspc)*
- *IsoSkeyAcadBlockMap.xml*
- *IsoSymbolStyles.dwg*



# Use of user-defined components in isometric drawings

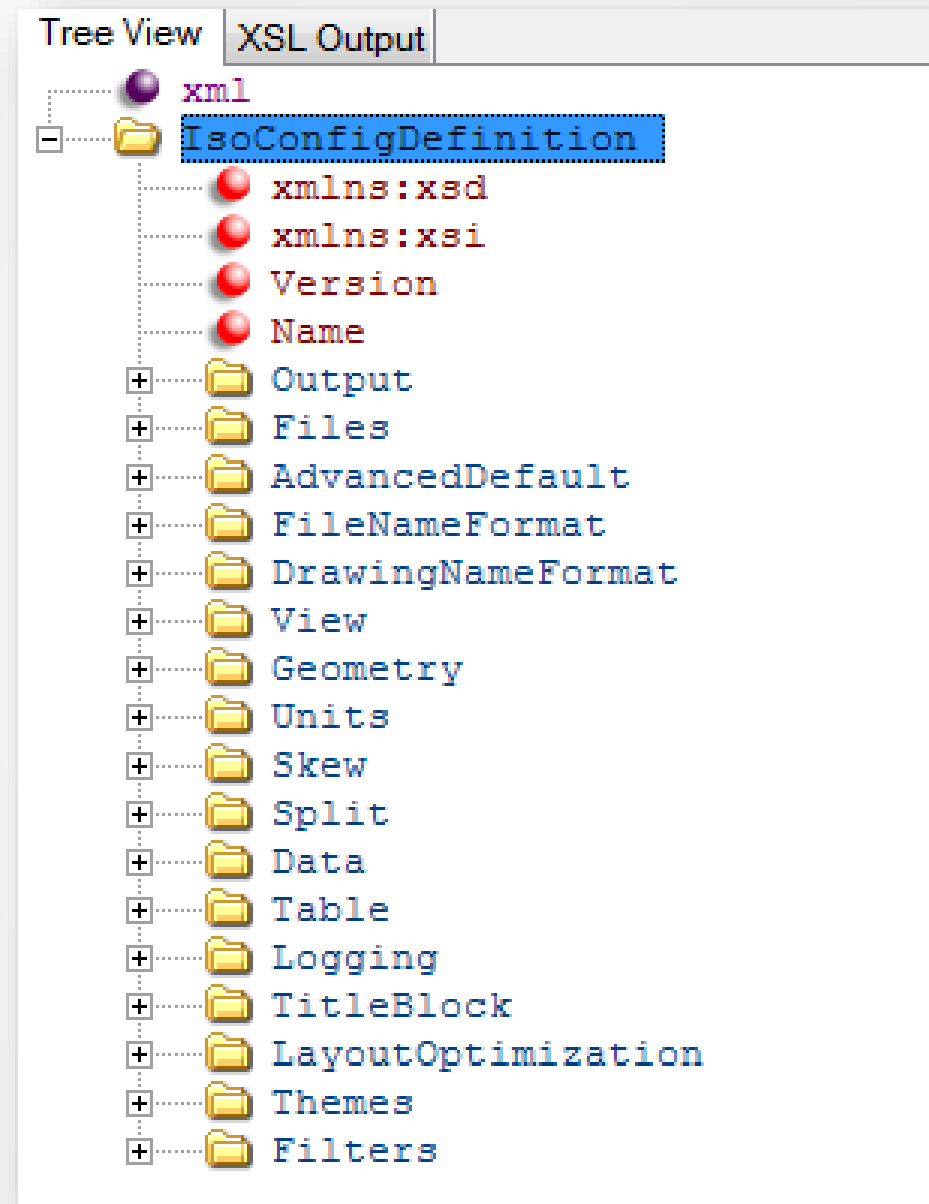
## General procedure:

- Conversion of an AutoCAD-block in a piping component
- Creation of a new catalog component
- Adding this component to a spec
- Adjusting of the IsoSkeyAcadBlockMap.xml
- Adjusting of the IsoSymbolStyles.dwg
- Creation of the model and the isometric drawing



# Configuration of the *IsoConfig.xml*

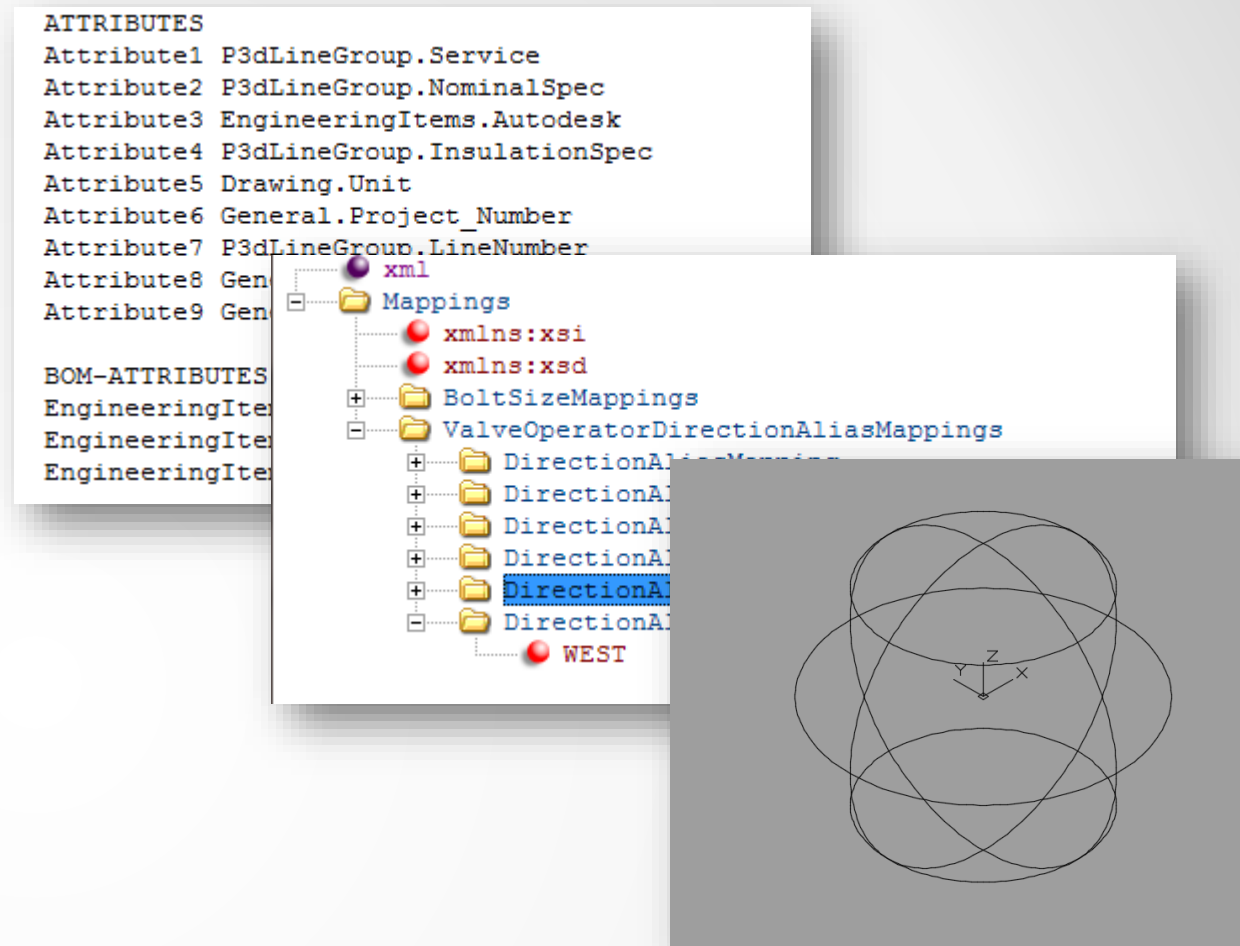
Structure of the file:



# Additional adjustments for isometric drawings

Affected files:

- *BoltSizeMappings.xml*
- *Plant3dIsoSymbols.dwg*
- *PropertyTranslationMapping.xml*
- *Iso.dwt*
- *Iso.atr*
- *ClientConfig.isf*



# Session Feedback

- Via the Survey Stations, email or mobile device
- AU 2014 passes given out each day!
- Best to do it right after the session
- Instructors see results in real-time









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