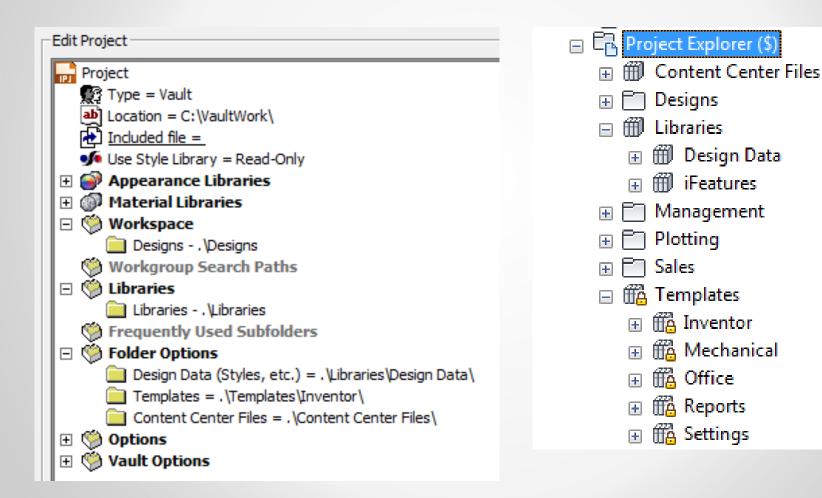


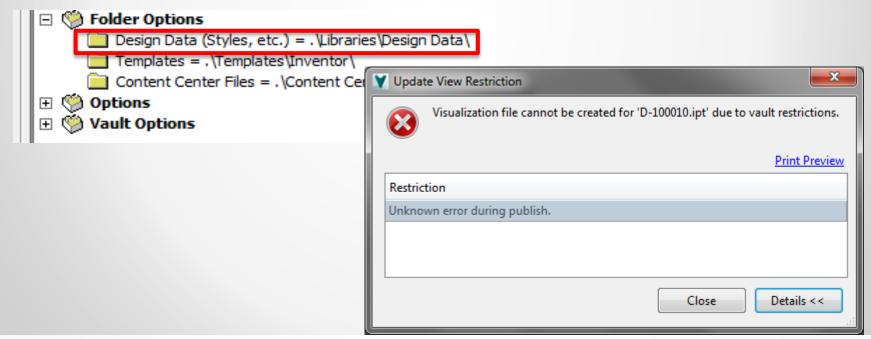
Autodesk Vault and Inventor project file configuration



Autodesk Vault & Inventor project file

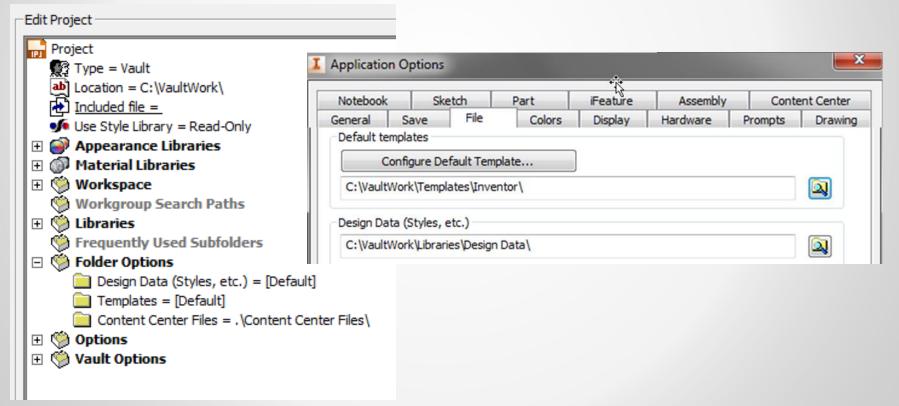
Challenges with DWF files generation.

- Create folders ...
 - Templates
 - Design Data: Styles,
- On some files
 - Unkown error during Publish

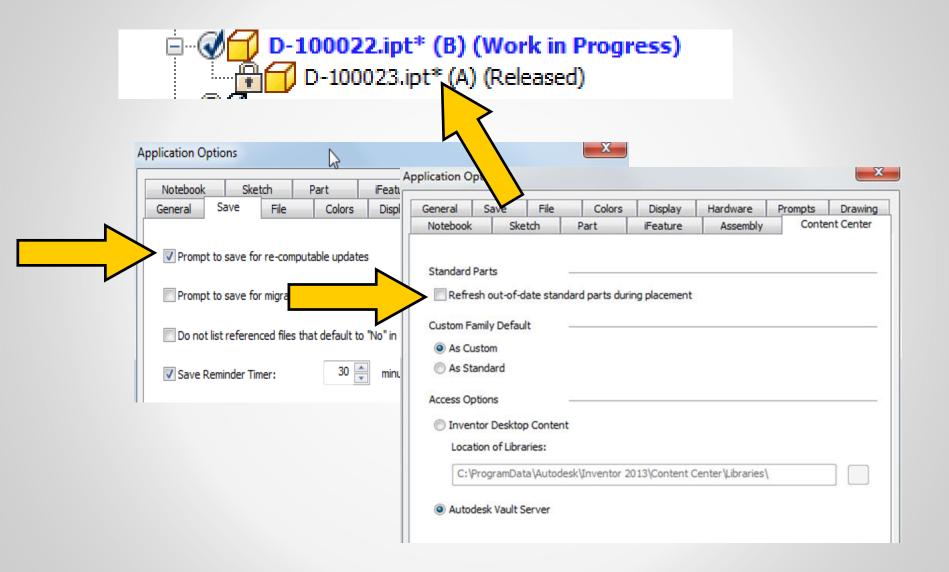


Autodesk Vault & Inventor project file

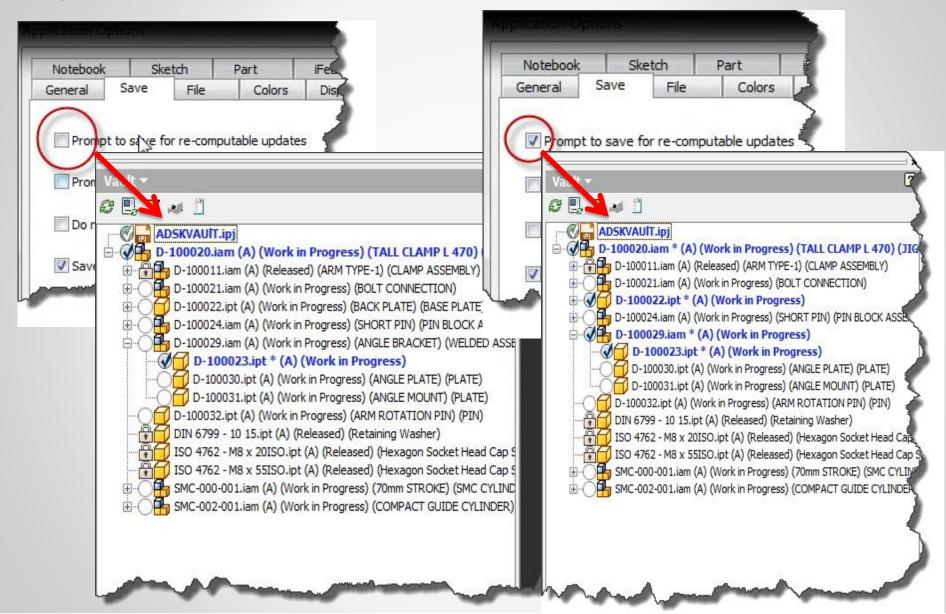
- Design Data = %PUBLICDOCUMENTS%\Autodesk\Inventor 2015\Design Data\
- Design Data = C:\VaultWork\Libraries\Design Data\



Vault and Inventor – Dirty file marker



See the difference?



Other process that could mark the files "needs to be saved" (dirty).

- iLogic Rules
- Inventor API



- Property updates from Vault where we write back properties like revision,...
- Make sure your assembly or parts are up to date before you save (lighting symbol should be grey)



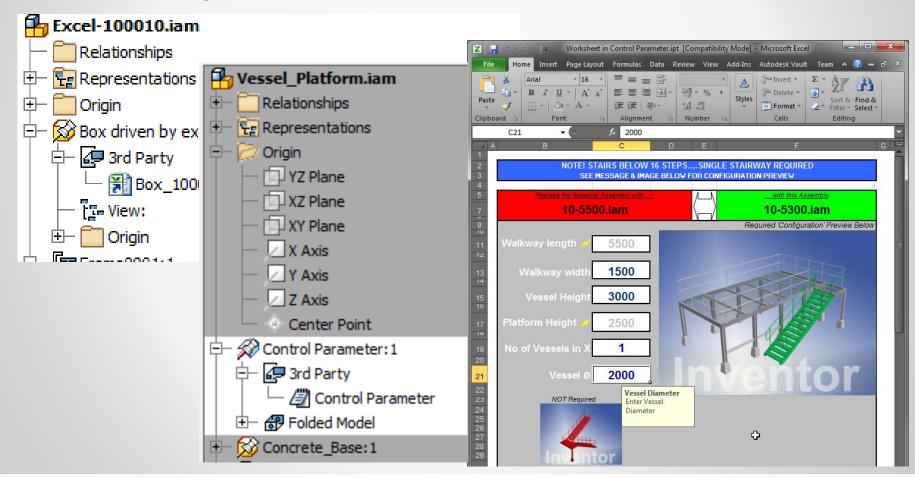
Other process that could mark the files "needs to be saved" (dirty).

- Update physical properties on save.
 - Be consistent and have it active on all user workstations if you wish to have this active.
- Make sure you solve any comatose design before you save



3rd-Party file linking = "needs to be saved" (dirty)

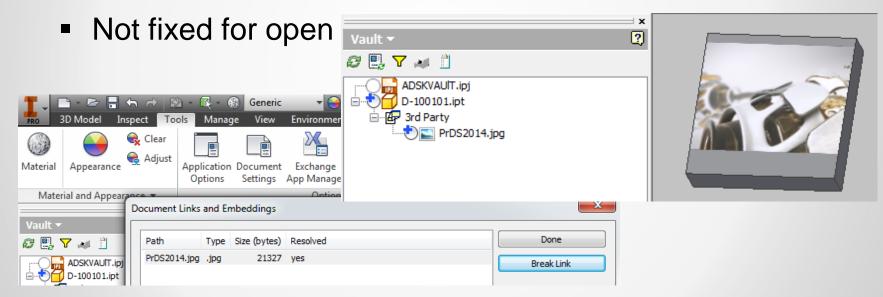
Cleaning the workspace and re-open from Vault.





Other process that could mark the files "needs to be saved" (dirty).

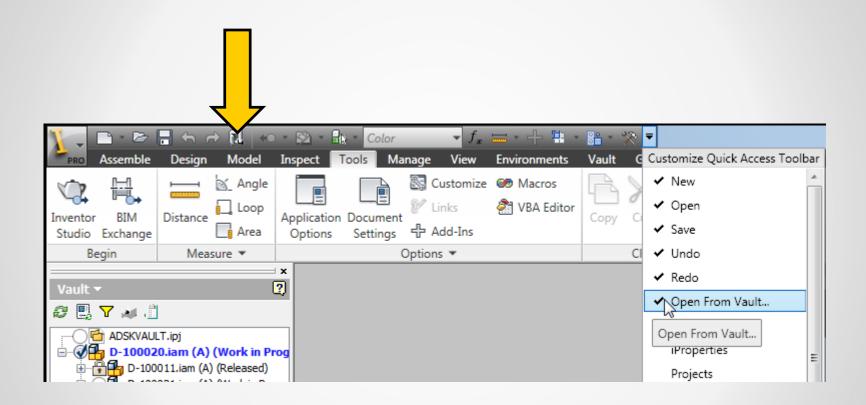
- Decal Images or Drawing logo's Linked to Inventor
 - Fixed in Inventor 2014, 2015 Vault addin



Alternative: Do NOT link images but embed them



Best Practices using Vault and Inventor



Inventor Vault | Marking menu

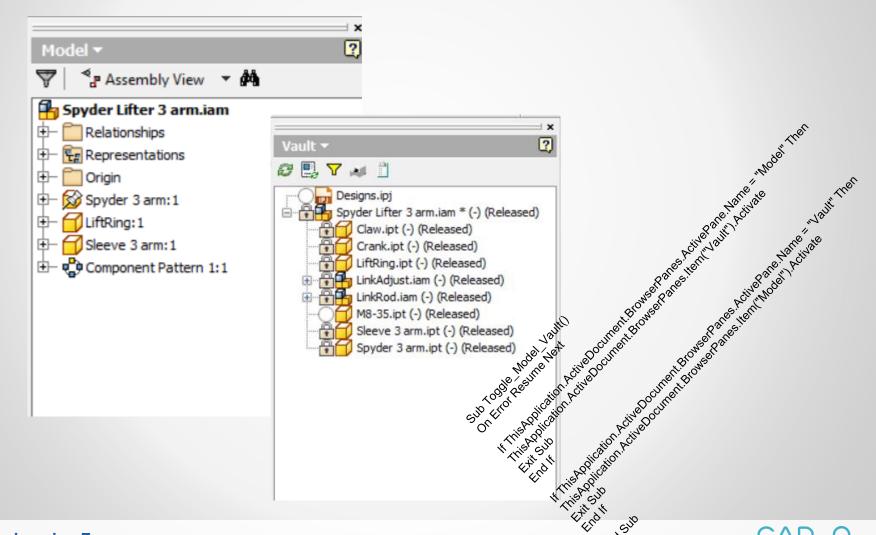
- Configured ready to use Partial import
 - Language independent
 - Environments: Part, Sheet metal, Assembly, Welding, Presentation, Drawing, Nailboard

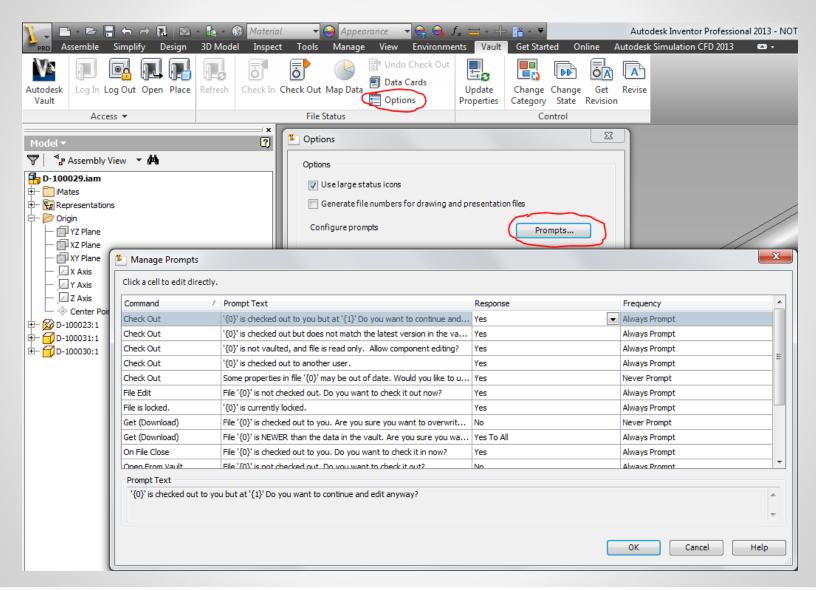




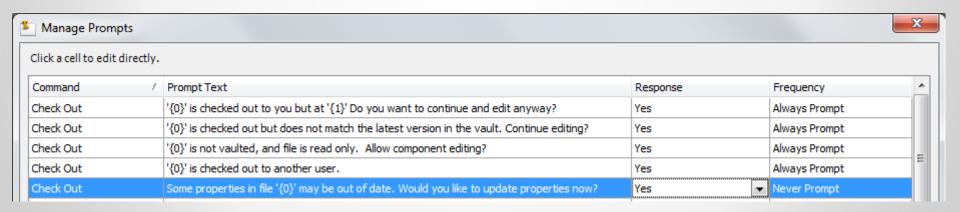
Inventor Vault | Toggle Vault ⇔ Model

Create shortcut for switch between Model and Vault





- Some properties in file may be out of date, Would you like to update properties now?
 - YES
 - Never Prompt





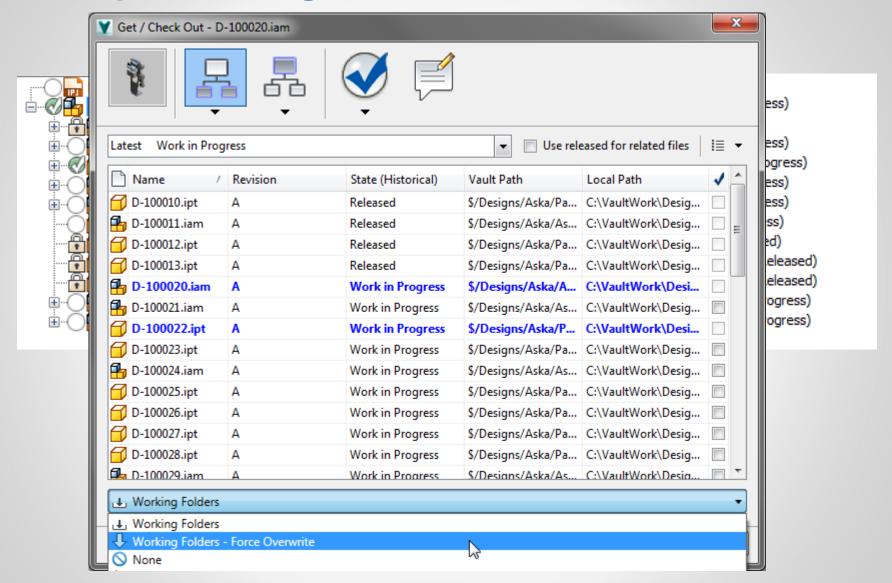
- Open From Vault: File is missing from your workspace Would you like to download it from Vault?
 - YES
 - Never Prompt

Open From Vault	File '{0}' is not checked out. Do you want to check it out?	No	Always Prompt
Open From Yoult	File '{0}' is missing from your workspace. Would you like to download it from the vault?	Yes 🔻	Never Prompt
Replication	The file you are attempting to access has not yet been copied to your local server. The file is \dots	Yes To All	Always Prompt
Save Changes	' $\{0\}$ ' and ($\{1\}$) dependent files must be saved before they can be checked in. Save and conti	Yes	Always Prompt

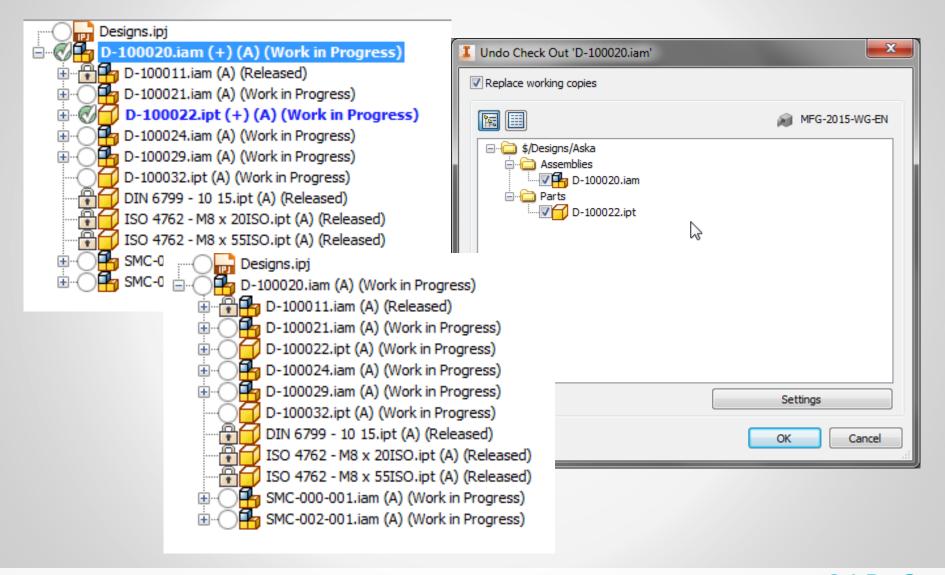
- The file is checked out to you. Are you sure you want to overwrite it with data from the Vault?
 - NO
 - Never Prompt
 Not valid anymore 2014SR & 2015?

File is locked.	'{0}' is currently locked.	Yes	Always Prompt
Get (Download)	File '{0}' is checked out to you. Are you sure you want to overwrite it with data from the vault?	No ▼	Never Prompt
Get (Download)	File '{0}' is NEWER than the data in the vault. Are you sure you want to overwrite it?	Yes To All	Always Prompt
On File Close	File '{0}' is checked out to you. Do you want to check it in now?	Yes	Always Prompt

Workspace changes behaviour



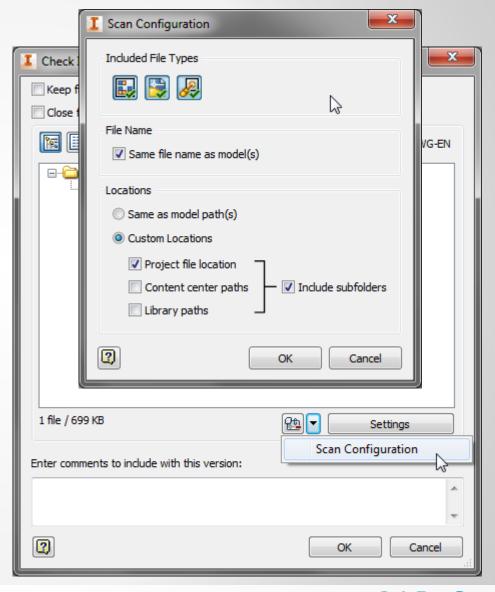
Workspace changes behaviour



Inventor Vault add-in - Increased Efficiency with

the Check In Process

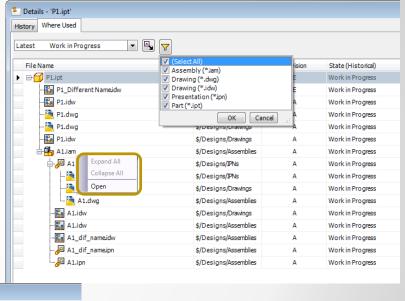
 Support related files during a Check In to make sure models and drawings are always in sync

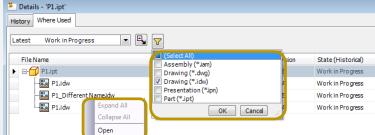




Inventor Vault addin - Easy Access to Related Parents

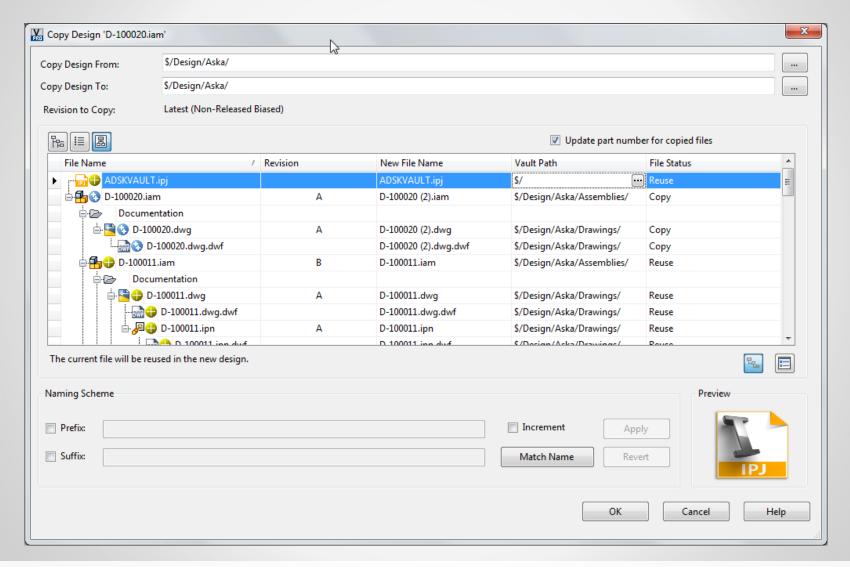
Easy and fast way to access and edit managed related 2D drawing and other parents







Copy Design



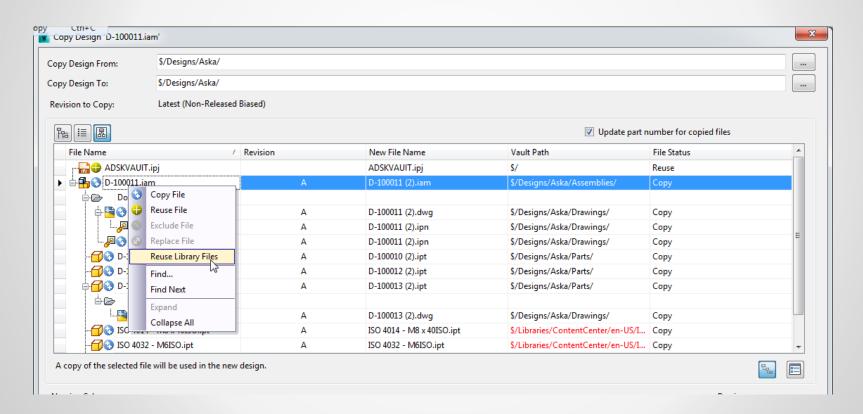
Copy Design

- CTRL select copy all
- Reuse Library parts.
- Prefix or suffix for easy rename
- Replace

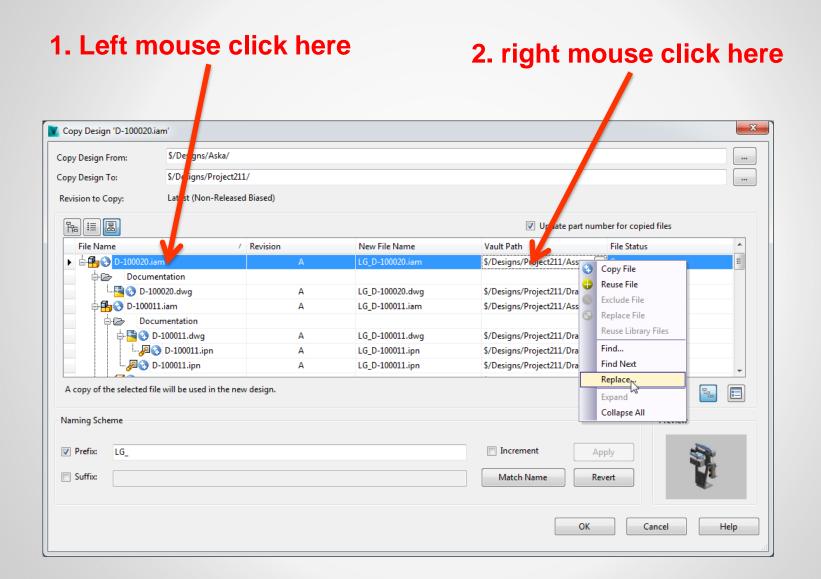


Copy Design – After CTRL (copy all)

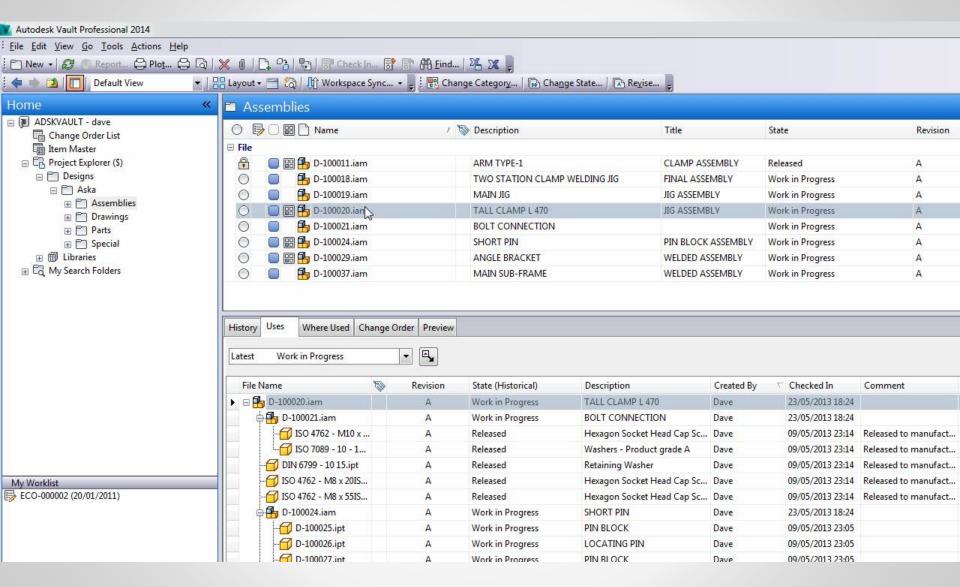
Reuse Library parts on the highest level



Copy Design - Replace



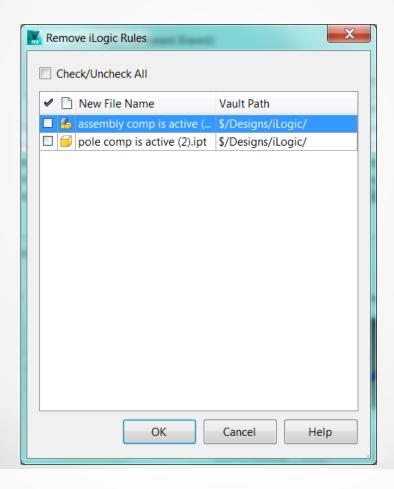
Copy Design Demo





iLogic | Copy Design

- Remove iLogic Rules
- Rename Browser Nodes



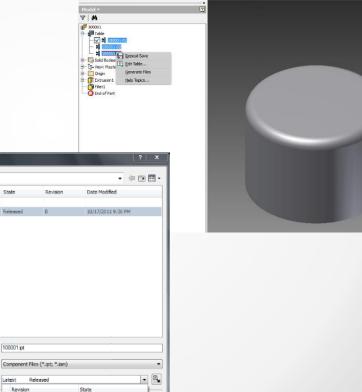


iParts and iAssemblies Improvements

Update members along with factories Improve iParts and iAssemblies handling

Select File From Vault

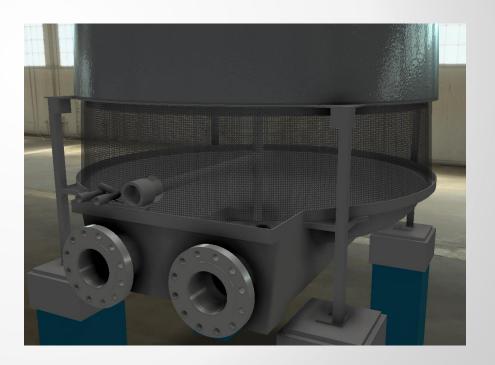
File name:





Autodesk Material / Appearance Libraries & Vault

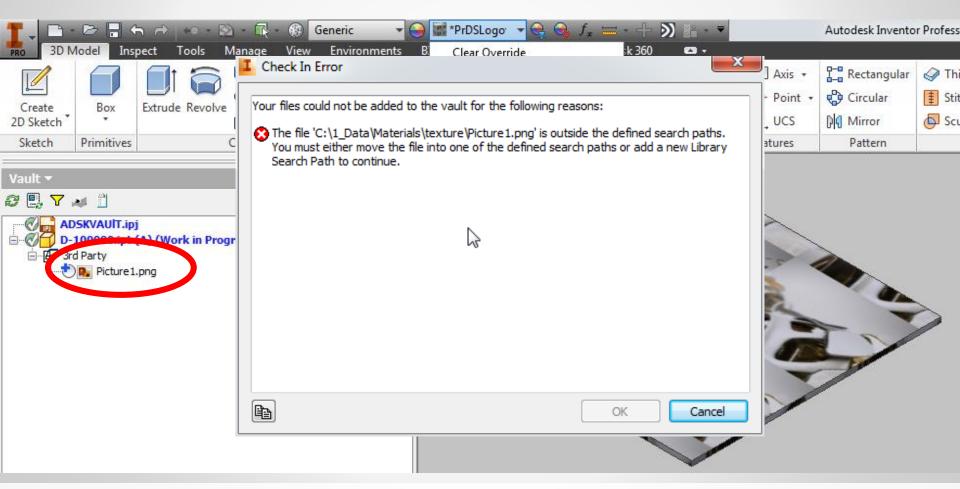
- Custom Material / Appearance Libraries
 - Material
 - Appearance
 - Texture Image
 - Bump Image
 - **.** . . .



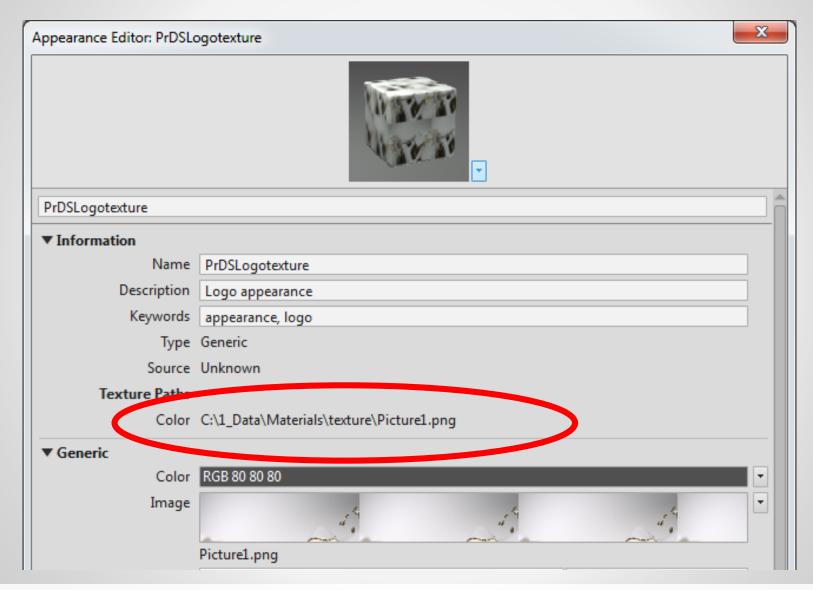
Autodesk Material / Appearance & Vault

The challenge:

Custom Appearance with own textures

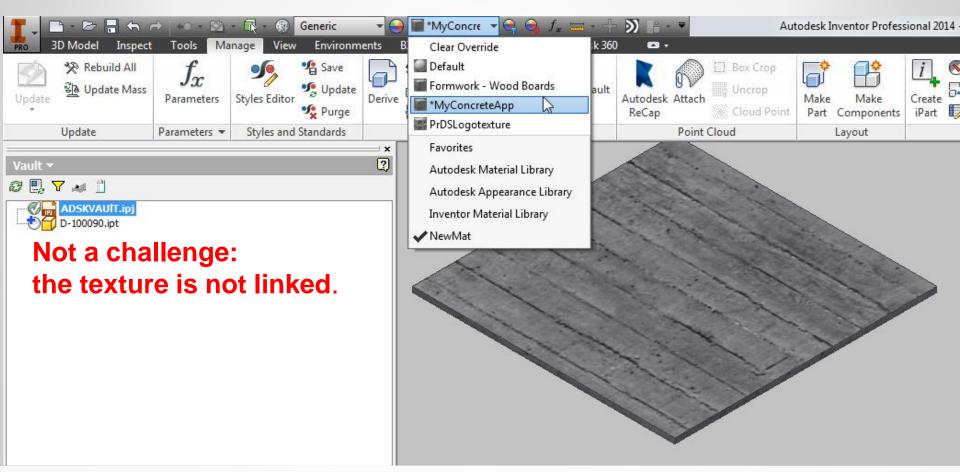


Autodesk Material / Appearance & Vault



Autodesk Material / Appearance & Vault

- Using the installed Appearances / Materials
- Custom Appearance with out of the box textures



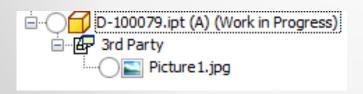
Autodesk Material / Appearance & Vault Solution 1: Managing the Material Library

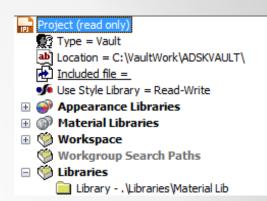
Managing the custom Material Library: Advantages:

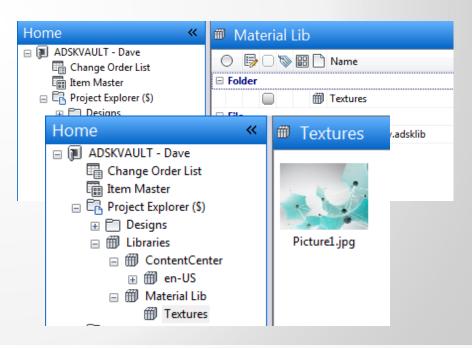
- Mat./Appear. Library managed.
- Textures managed
- Control who modifies
 - Material properties
 - Appearance properties

Disadvantages:

Where used on image list.

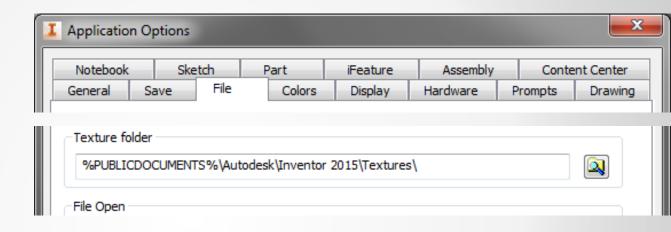








Autodesk Material / Appearance & Vault Solution 2: No Link (New Inventor 2015)

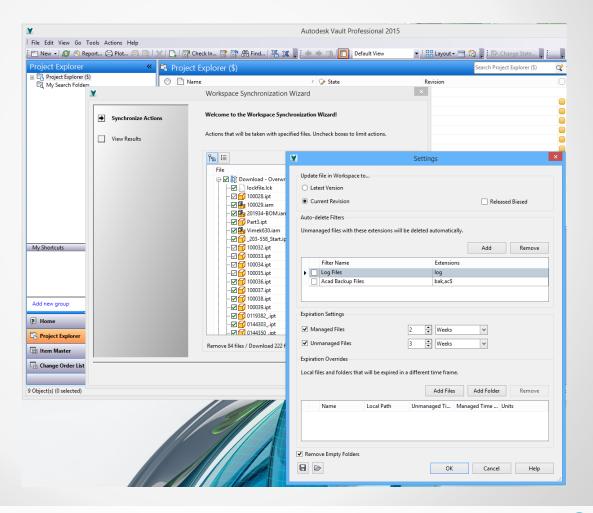


No link to the texture file(s)
(Management by Vault still an option)



Workspace Synhroniz

Clean up your workspace





PDM-In-A-Box

Cad-Q PDM-in-a-box er en færdigkonfigureret og gennemtestet Autodesk Vault PDM løsning til en fast pris med nem implementering. Installer og lær... nemmere kan det ikke være!





Any Questions