## iLogic Design Copy Tutorial



## Copying a directory using iLogic Design Copy

- 1. In Vault create the new folder that you want to copy to. This folder should be located outside of the directory that you are copying.
- 2. **Right-click** the new folder in Vault and select **Go to Working Folder** to create the folder in the Vault Local Cache.
- 3. In Vault **right-click** on the top level of the directory you wish to copy and select **Get/Checkout** to download the most recent version of the entire directory to the Vault Local Cache.
- 4. In C:\Vault Local Cache browse to the directory you are copying, right-click on the top level of the directory and select Properties, uncheck Read-only, click Apply, OK, and OK.

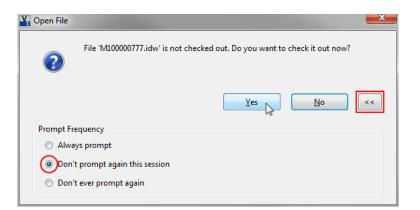
1100204886 Properties
Confirm Attribute Changes
You have chosen to make the following attribute changes:
unset read-only
Do you want to apply this change to this folder only, or do you want to apply it to all subfolders and files as well?
Apply changes to this folder, subfolders and files
OK Cancel
Attributes: Read-only (Only applies to files in folder)
OK Cancel Apply

- 5. Open Inventor, switch to the applicable project and click on **iLogic Design Copy** on the **Tools** tab.
  - **NOTE:** This tool is only available when no files are open in Inventor.

- 6. In the iLogic Design Copy dialog select the directory you wish to copy in each file type category you wish to copy.
  - If your primary concern in a given copy is the drawings you only need to check the directory under the Drawings category. The dialog will find and automatically check all other file types that are linked to the drawings. If you simply want to copy a directory verbatim then you may select the directory in all four categories.
  - If the directory contains a large number of drawings it may take Inventor some time to verify each drawing when the directory is selected in the Drawings category. Wait for the process to complete before trying to continue.

iLogic Design Copy	
Source Project	
ENGINEERING SERVICES.ipj	
Files to Copy	
Drawings	Assemblies
🖃 🗐 퉬 C:\Vault Local Cache\SPNA\Mac\Enginee	🖃 🔲 📙 C:\Vault Local Cache\SPNA\Mac\Enginee
🗄 🥅 📗 Common	🗄 🥅 🌗 Common
🗄 🔽 퉲 Production	🗄 📝 퉲 Production
🗄 🔽 퉲 Jobs	🖨 🔽 퉲 Jobs
1100204886	1100204886
🗄 🔲 🕌 Standards	🗄 🖂 📙 Standards
Parts	Non-Inventor Files
🖃 🗐 📙 C:\Vault Local Cache\SPNA\Mac\Enginee	□-(□]] C:\Vault Local Cache\SPNA\Mac\Enginee
🕂 🗐 🌗 Common	🖕 🗐 🌗 Common
🗄 🐨 🌗 Production	🗄 🖅 🌗 Production
🗄 🔽 🌗 Jobs	🗄 🔲 🌗 Jobs
1100204886	🗄 · 🕅 🌗 1100204886
🗄 🥅 📗 Standards	🗄 🥅 🌗 Standards
0	Next > Next >
No referenced files were identified	.:

• Sometimes, during drawing or assembly verification, Inventor will display various message dialogs. It is helpful to temporarily switch off these notifications so the process can continue without intervention.



- When file verification is complete click Next and the Settings dialog will open. Select the desired Target Folder where the copy will be placed. NOTE: This folder should have first been created in Vault and then populated to the Vault Local Cache.
  - It is generally not recommended to define a New File Prefix or Suffix but rather to assume that all files in the new directory will need to be renamed after they have been checked into the Vault.
  - Select Use Source Project.

iLogic Design Copy Settings	
Files to Copy	
Source	Target
🕨 🕒 🎍 C:\Vault Local Cache\SPNA\Mac\	C:\Vault Local Cache\SPNA\Mac\Engineering 5\Copy of 1100204886 🗏
🗄 퉲 Production	C:\Vault Local Cache\SPNA\Mac\Engineering Services\Common\BJ\Production
📥 🥼 Jobs	C:\Vault Local Cache\SPNA\Mac\Engineering Services\Common\BJW\Copy\Jobs
📥 📙 1100204886	C:\Vault Local Cache\SPNA\Mac\Engineering Services\Common\BJ\1100204886
🖨 🕒 M10000699	C:\Vault Local Cache\SPNA\Mac\Engineering Services\Common\B\M100000699
📥 📙 Design Accelerator	C:\Vault Local Cache\SPNA\Mac\Engineering Services\Com\Design Accelerator
	m C:\Vault Local Cache\SPNA\Mac\Engineering Services\Comm\M100000802.iam
М1000002 ism	n_CiWaultLocal Cashol SDNAIMad Engineering Serviced Comm_IM10000002.iam
Destination	File Naming
Target Folder: C:\Vault Local Cache\SPN	PNA (Mac \Engineering Services) New File Prefix:
	New File Suffix:
Browse.	New File Surfix:
Curche New Duritation Court of 110020 1005	Rename non-Inventor Files
Create New Project: Copy of 1100204886	
OJse Source Project	Copy Options
	Delete Rules
	Update Part Number
	Start Cancel

- 8. Click **Start** to create the new copy.
- 9. When the copy has completed open the new directory and open each file in Inventor and check it into the Vault via the interface on the Inventor Vault tab.
  - When opening newly copied drawings it is common for the Resolve Link dialog to open. Usually the dialog has already located the file and it is only necessary to click OK for each link.
  - After clicking the **Check In** button verify that the files are mapped to the correct location in Vault before completing the Check In dialog.



## **APPENDIX:** Referencing a shared parts folder.

Sometimes it is desirable to reference certain shared parts and reuse them in the copied directory instead of creating new copies of them. To do this it is necessary to create a new project file for the design copy and add the shared parts location as a library to that project.

- 1. In the Vault Local Cache copy the applicable top level project and paste it into the directory you will be copying. **Right-click** the project, select **Properties**, and uncheck the **Read-only** box.
- 2. **Right-click** the project and select **Edit**.
- 3. Right-click on Libraries and select Add Path to define the location of the shared parts.
- 4. Set the project as the **Source Project** in the iLogic Design Copy dialog.
- 5. After completing the copy delete the project and continue from **Step 9** using the original Vault project.

🕆 Project	
Type = Vault	
b Location = C:	\Vault Local Cache\SPNA\Mac\Product Development\
Included file :	=
妚 Use Style Libr	
E 🧐 Workspace	
	Search Paths
E Cibraries	
Library	Add Path
🏾 🇐 Frequen	Add Paths from File
🗄 🍏 Folder O	Add Paths from File
🗉 🍈 Options 👘	Paste Path
🗄 🍏 Vault Op	Delete Section Paths

**NOTE:** The new Library location must be located outside of the new temporary projects workspace directory. This directory is automatically set to whichever folder the project is placed in.