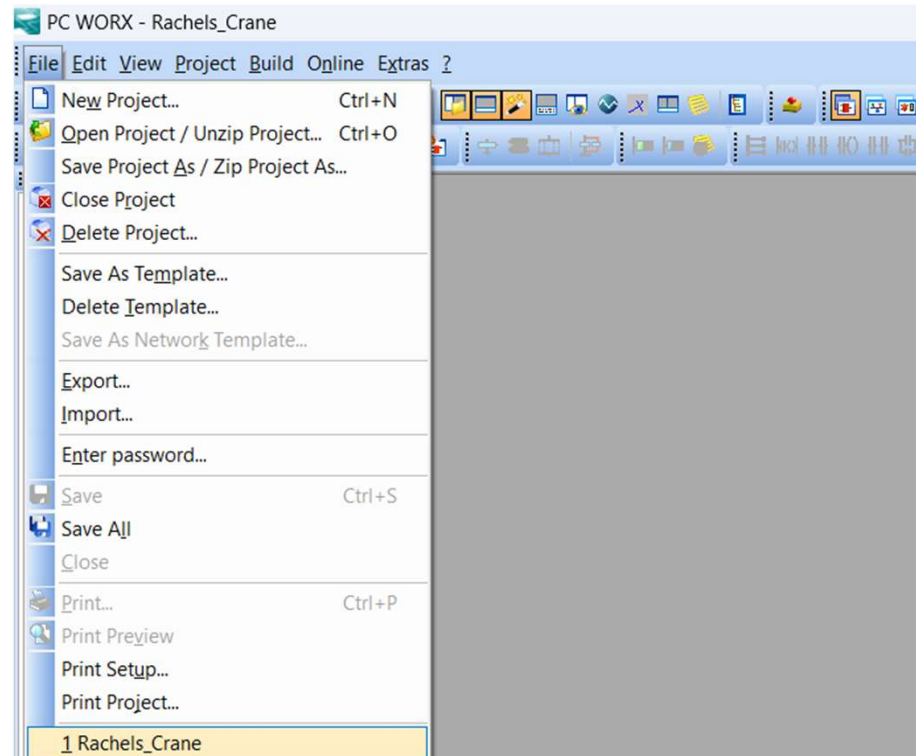
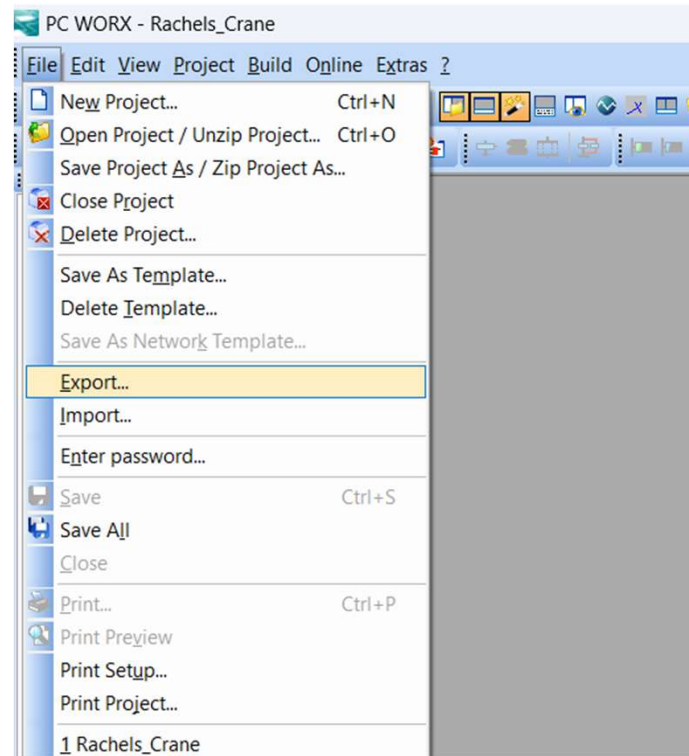


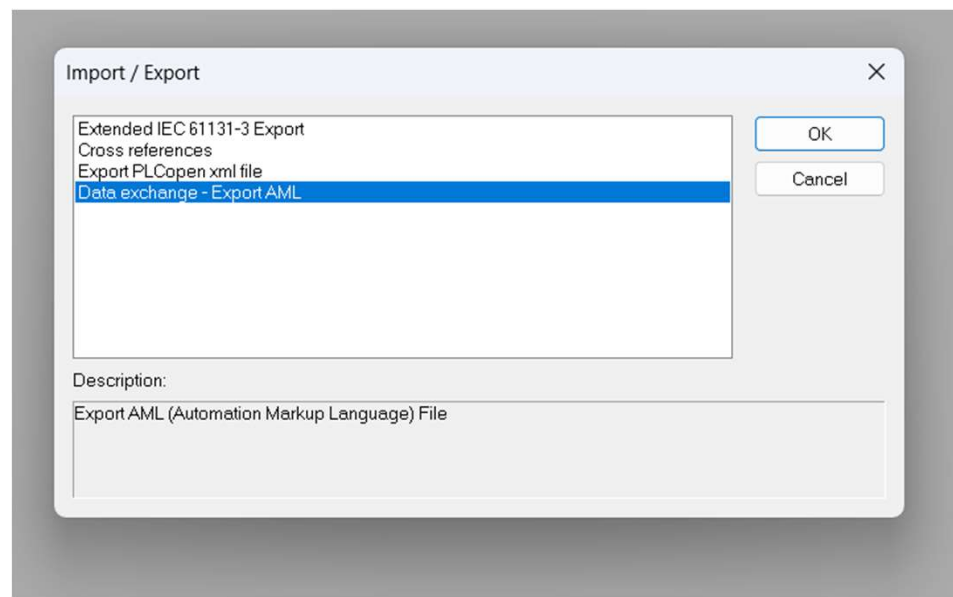
Step 1: Open Pcworx Project



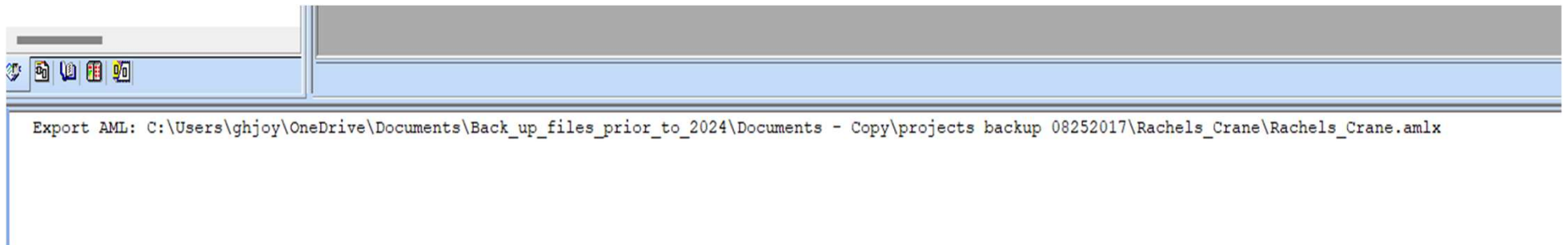
Step 2: Select Export Tab



Step 3: Select “Date exchange – Export AML”



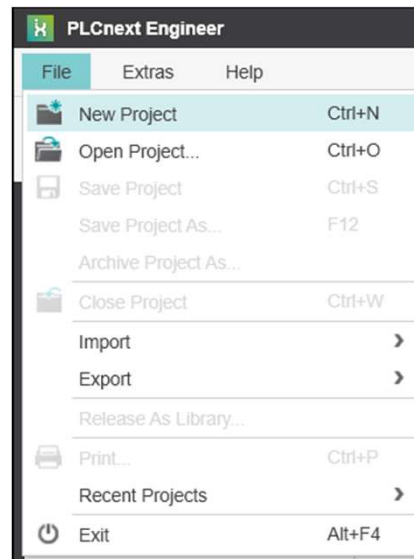
Step 4: Note file location in message window.



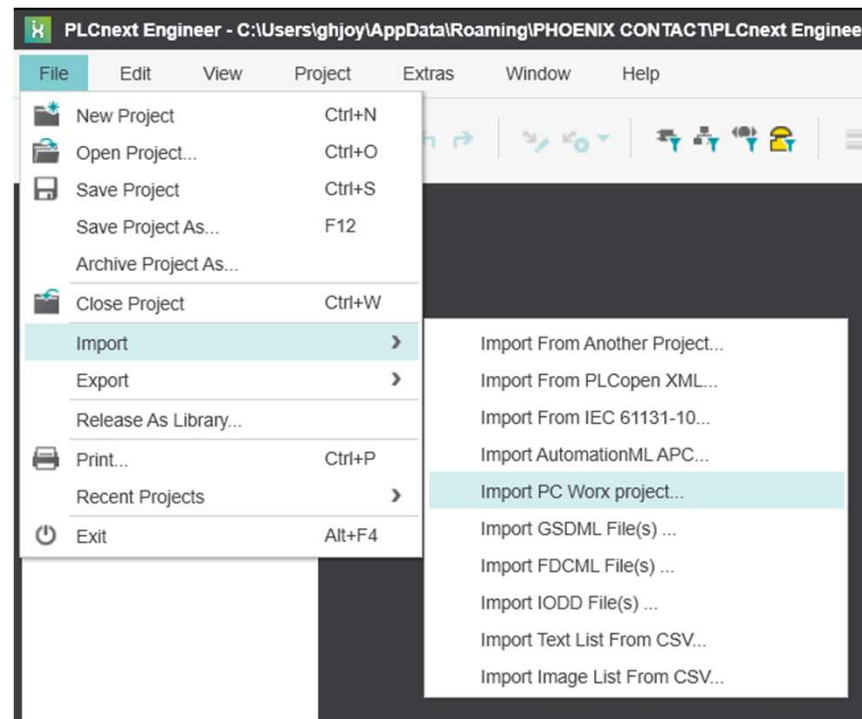
Step 5: Open PLCNext Engineer & create a New Project.

PLCnext Engineer 2024.0

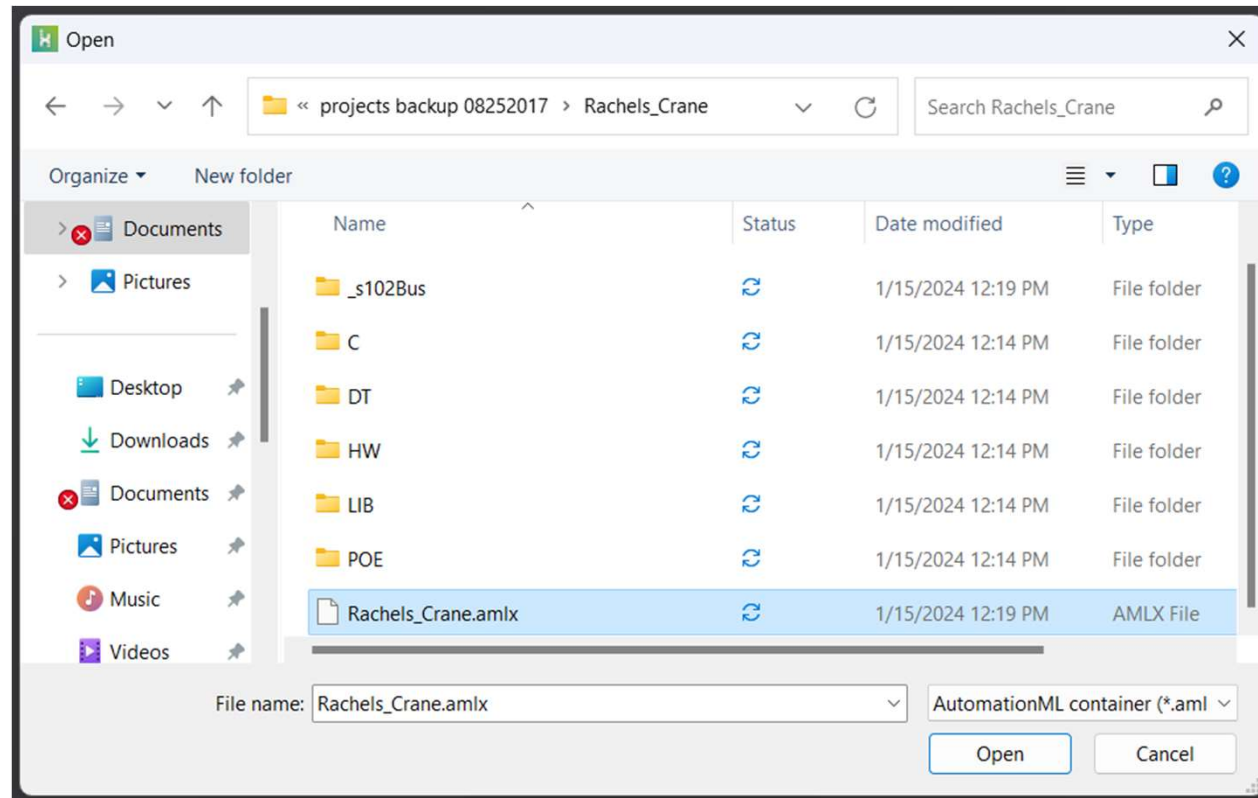
(Build 7.0.290.0)



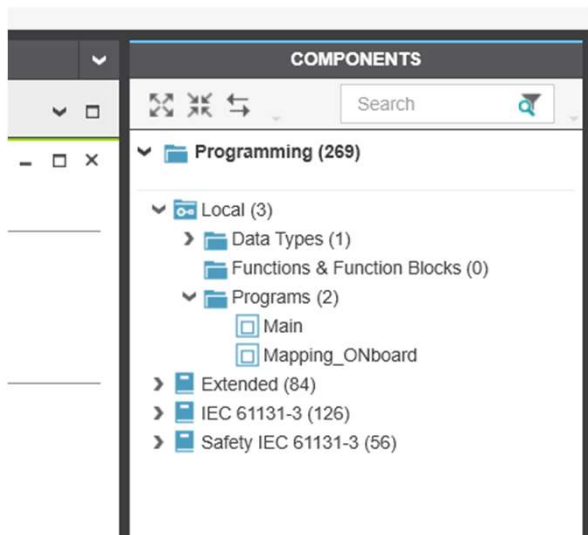
Step 6: Select Import tab and select “Import PC Worx project”.



Step 7: Select “amlx” file from file location noted in Step 4. Select Open.

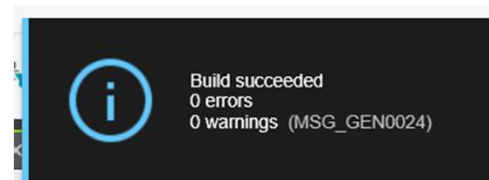
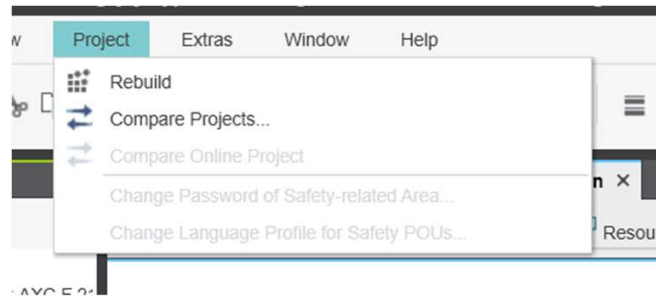


Step 8: Open programs and local var lists. Additional work is required to add global vars to global var list.



Name	Type	Usage	Translate	Comment	Init	Ret
ONBOARD_INPUT_BIT0	BOOL	External	<input type="checkbox"/>	Local inp...		
ONBOARD_INPUT_BIT1	BOOL	External	<input type="checkbox"/>	Local inp...		
ONBOARD_INPUT_BIT2	BOOL	External	<input type="checkbox"/>	Local inp...		
ONBOARD_INPUT_BIT3	BOOL	External	<input type="checkbox"/>	Local inp...		
ONBOARD_INPUT_BIT4	BOOL	External	<input type="checkbox"/>	Local inp...		
ONBOARD_INPUT_BIT5	BOOL	External	<input type="checkbox"/>	Local inp...		
Trolley_Left_PB	BOOL	External	<input type="checkbox"/>			
Hoist_UP_PB	BOOL	External	<input type="checkbox"/>			
Hoist_Down_PB	BOOL	External	<input type="checkbox"/>			
Trolley_right_PB	BOOL	External	<input type="checkbox"/>			
Bridge_North_PB	BOOL	External	<input type="checkbox"/>			
Bridge_South_PB	BOOL	External	<input type="checkbox"/>			
ONBOARD_OUTPUT_...	BOOL	External	<input type="checkbox"/>	Local out...		
ONBOARD_OUTPUT_...	BOOL	External	<input type="checkbox"/>	Local out...		
Hoist_UP_Output	BOOL	External	<input type="checkbox"/>			
Hoist_Down_Output	BOOL	External	<input type="checkbox"/>			
ONBOARD_OUTPUT_...	BOOL	External	<input type="checkbox"/>	Local out...		
Enter variable name here			<input type="checkbox"/>			

Step 9: Rebuild project to determine any import errors.



Step 10: Global Vars should be shown in list after rebuild. Complete IO mapping with hardware as required.

The screenshot shows the Siemens SIMATIC Manager interface. On the left is the 'PLANT' tree view showing the project structure: Project > axc-f-2152-1 : AXC F 2152-1 > PLCnext (2) > ESM1 (1) > ESM2. The main window is titled 'Data List' and contains a table of global variables. The table has two columns: 'Variable (PLC)' and 'Process data item'. The 'Variable (PLC)' column lists various global variables under the 'Default' category, including Hoist_UP_PB, Hoist_UP_Output, Brake_Output, Hoist_Down_PB, Hoist_High_speed, Hoist_Down_Output, Trolley_Left_PB, Trolley_right_PB, Trolley_Right_Output, Trolley_Left_Output, Trolley_High_speed, Bridge_North_PB, Bridge_South_PB, and Bridge_North_Output. The 'Process data item' column contains the placeholder text 'Select Process data item here' for each variable. The interface also shows tabs for 'Project', 'axc-f-2152-1 / PLC', and 'Main', and a 'Settings' button.

Variable (PLC)	Process data item
Hoist_UP_PB	Select Process data item here
Hoist_UP_Output	Select Process data item here
Brake_Output	Select Process data item here
Hoist_Down_PB	Select Process data item here
Hoist_High_speed	Select Process data item here
Hoist_Down_Output	Select Process data item here
Trolley_Left_PB	Select Process data item here
Trolley_right_PB	Select Process data item here
Trolley_Right_Output	Select Process data item here
Trolley_Left_Output	Select Process data item here
Trolley_High_speed	Select Process data item here
Bridge_North_PB	Select Process data item here
Bridge_South_PB	Select Process data item here
Bridge_North_Output	Select Process data item here