






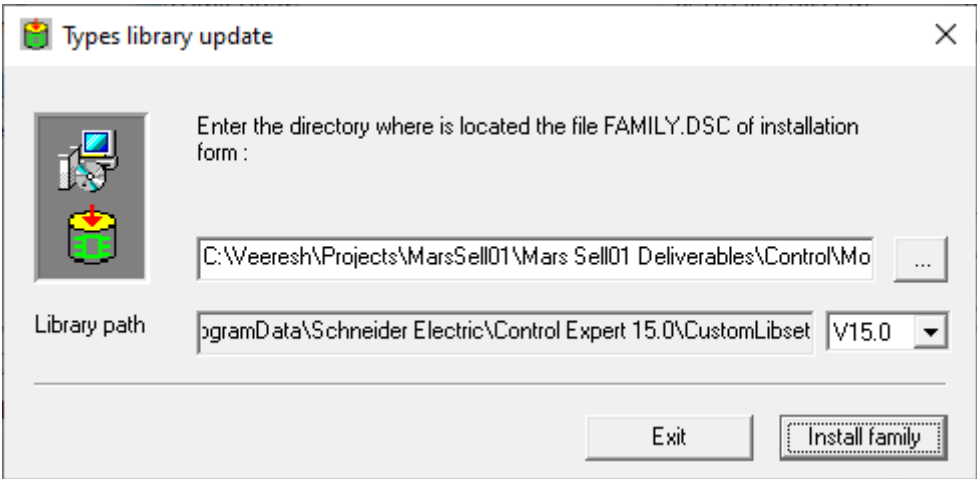
Modicon Libraries 2020 - General Purpose V2 for Control Expert - Installation Guide

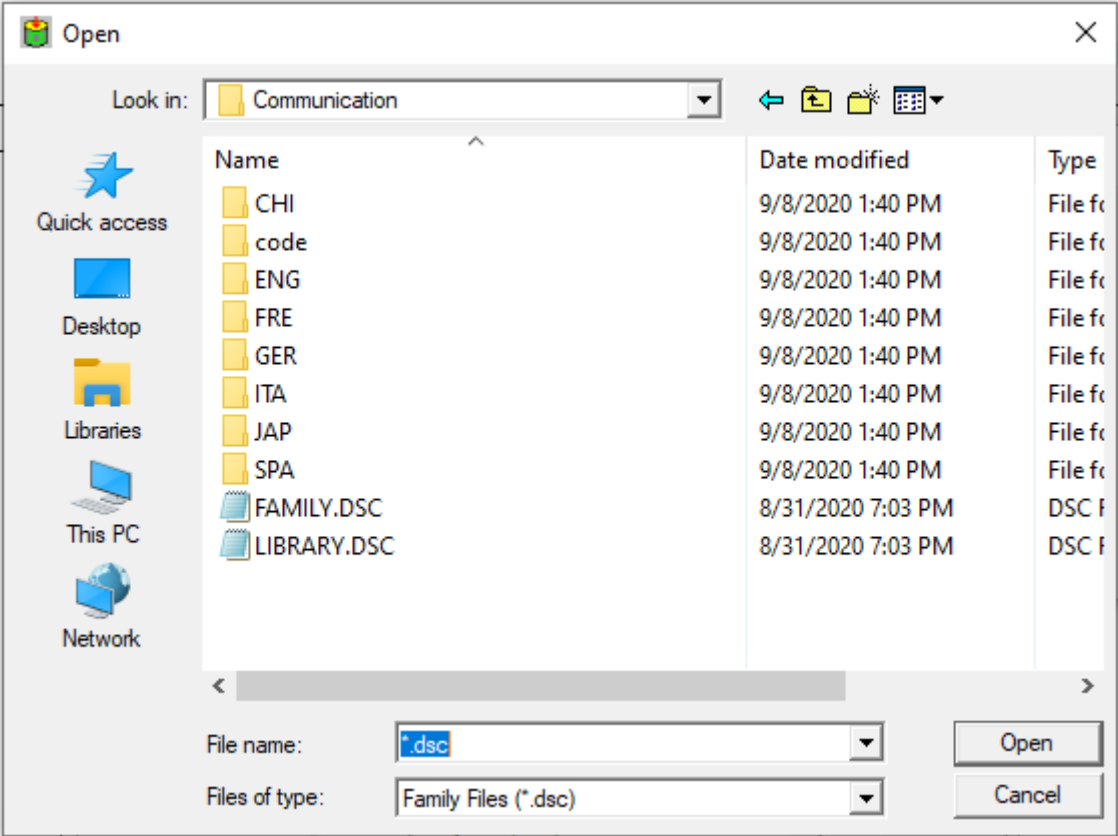
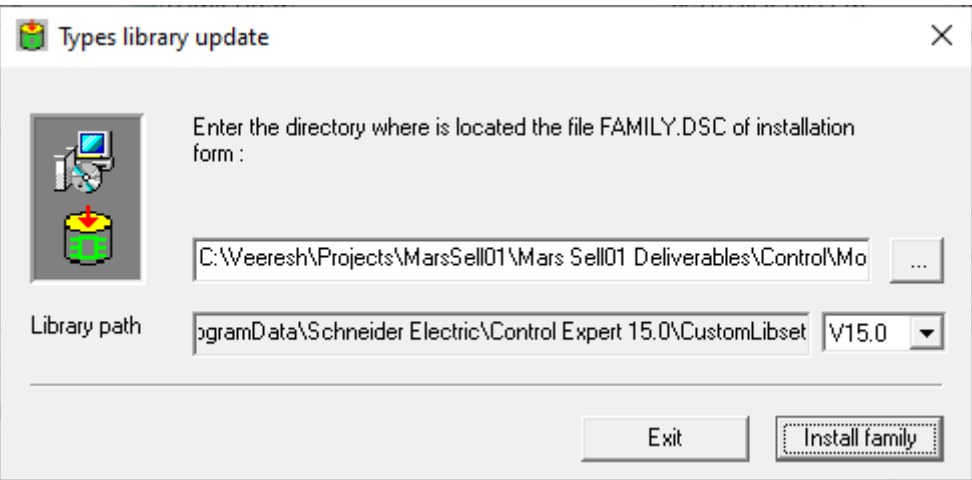
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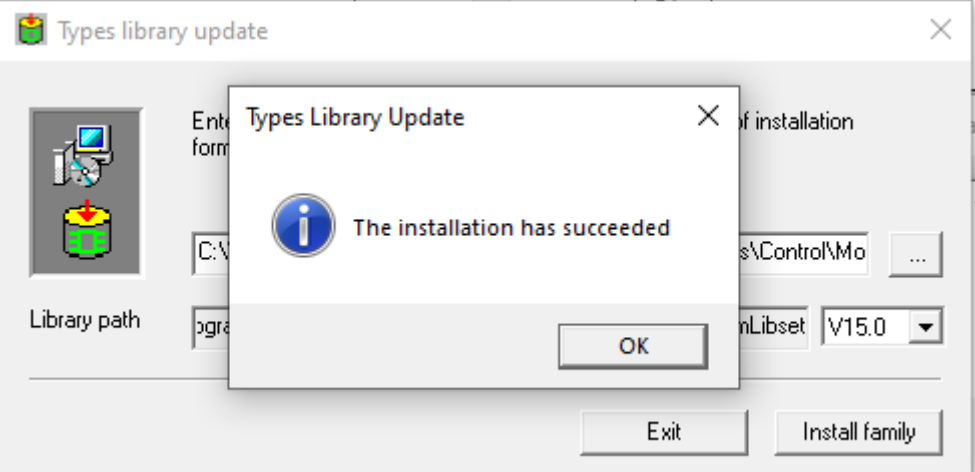
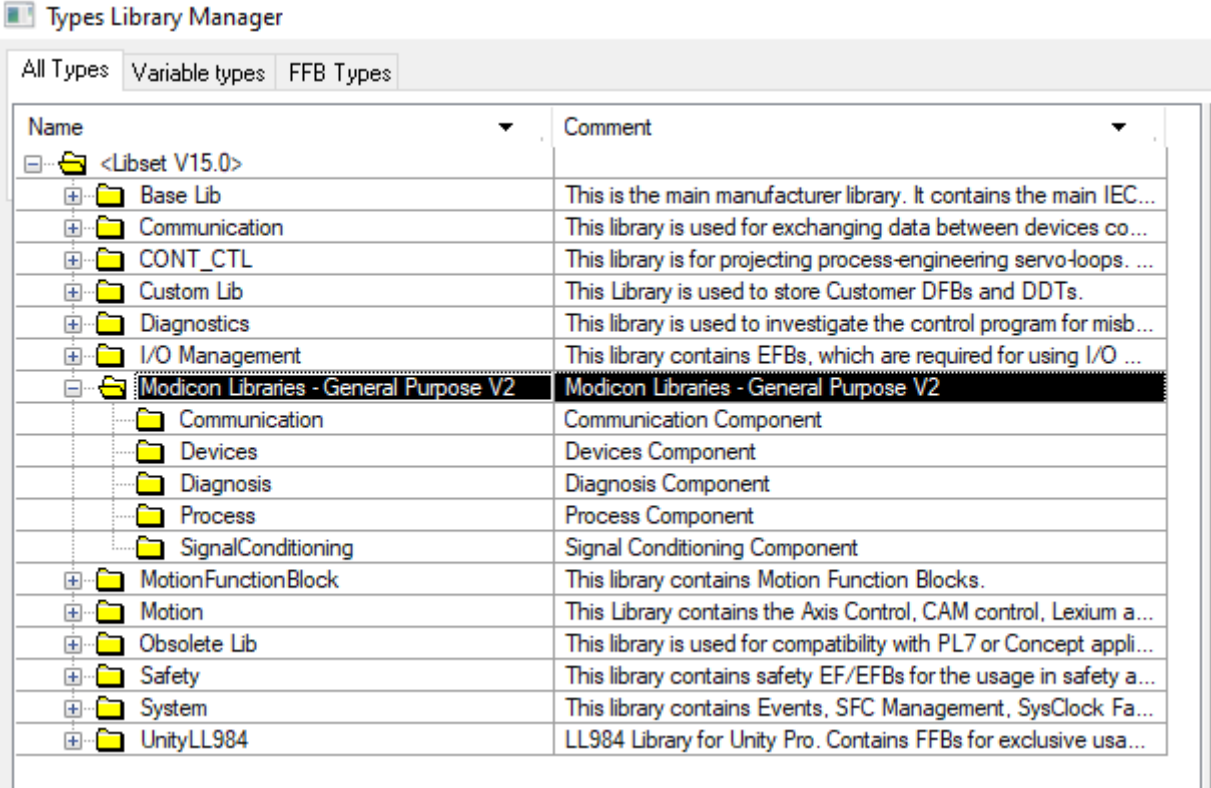
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1. Installation Procedure for Modicon Libraries - General Purpose

Follow the steps below to import Modicon Libraries - General Purpose into Control Expert

Step No	Description
1.	Download " Modicon Libraries 2020 - General Purpose V2 for Control Expert. zip " file from Schneider Electric "Industry End Users and SI Campus", and extract its contents.
2.	Extract the " Modicon Libraries 2020 - General Purpose V2 for Control Expert Setup. zip " file in your local hard disk to get five GPL base libraries as shown below, to be imported in to Control Expert. <ul style="list-style-type: none">  Communication  Devices  Diagnosis  Process  SignalConditioning
3.	For Windows 10: - Click Start menu > EcoStruxure Control Expert > Types Library Update For Windows 2012 Server: - Click Start menu > EcoStruxure Control Expert > Types Library Update.
4.	In " Types library update " dialog box, browse & Select the library (Family.Dsc) from extracted folders as illustrated in images below and then click "Install Family" <p>Step:1 – Click the browse button.</p> 

Step No	Description
	<p>Step:2 – Go to family and select the “Family.Dsc” file and click “Open”</p>  <p>Step:3 – Click the “Install family” button.</p> 

Step No	Description
5.	<p>After successful installation of family, user will get a popup window showing “Installation has Succeeded”.</p> 
6.	<p>Open Control Expert, Click Tools >Types Library Manager. User should able to see “Communication” Library under “General Purpose Library”.</p>
7.	<p>Repeat the same steps for Devices, Diagnostics, Process & SignalConditioning to have Complete GPL Libraries.</p>  <p>Note: User must follow the same sequence as described above.</p>
8.	<p>User must install “Modicon Libraries - General Purpose V2” and then “PRM Library” if user needs both the Library in the system.</p>

2. Post Installation Procedure

➤ Control Expert Project Settings

To successfully build and download the Control Expert project you need to perform the following changes to the “**Project Settings**” in the build Control Expert project:

- Open the generated *.stu or *.xef file in Control Expert.
- Open the Control Expert “**Project Settings**” by clicking “**Tools → Project Settings**”.
- Select “**Variables**” and activate the checkmark for item “**Allow Dynamic arrays (ANY_ARRAY_XXX)**” to avoid the detected error “**E1208 usage of dynamic arrays is disabled**” reported when compiling the Control Expert project.
- Uncheck the option “**Force references initialization**”

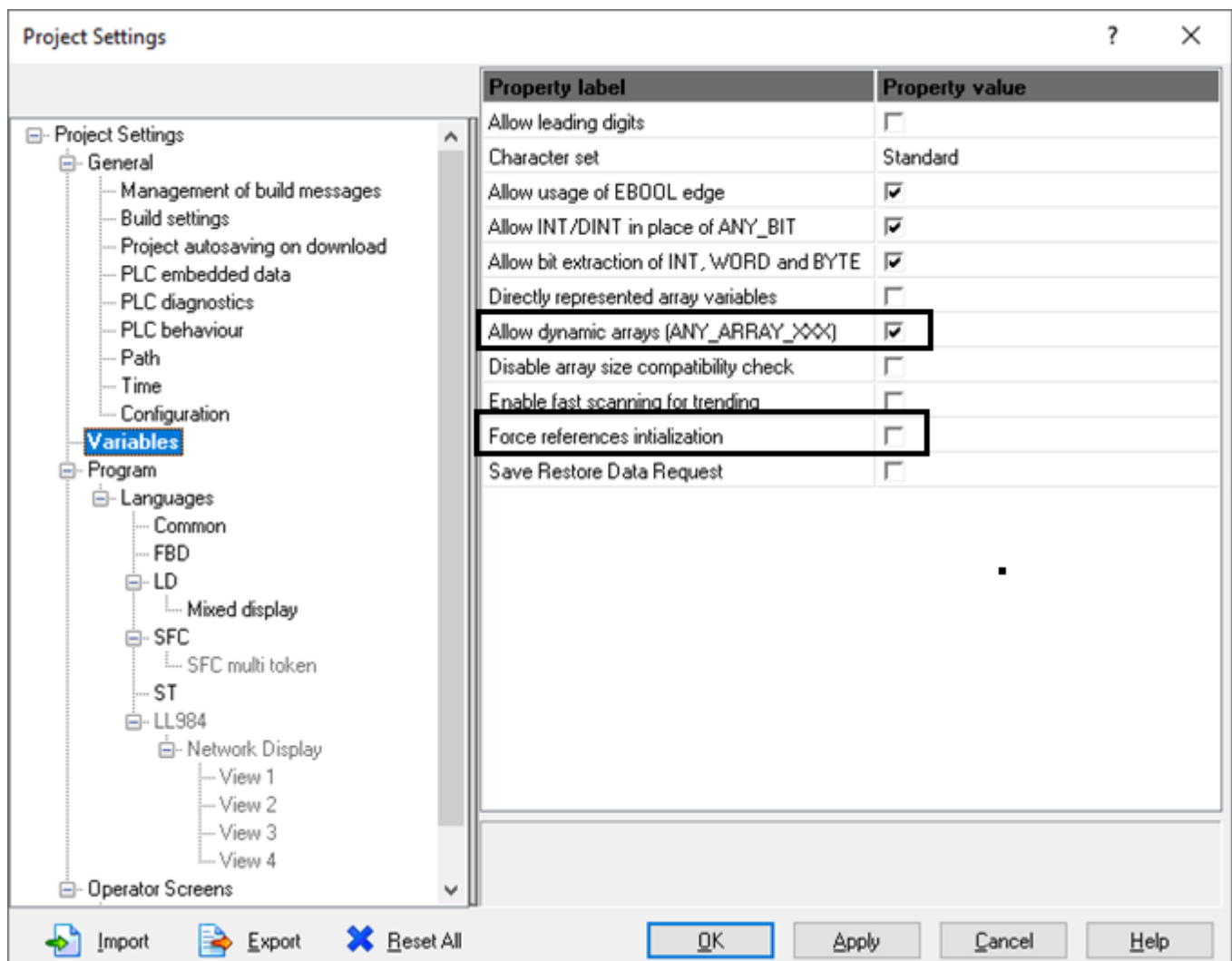


Figure 1: Control Expert "Project Settings" – Item “Allow Dynamic arrays (ANY_ARRAY_XXX)”

- Select “**Languages → Common**” and activate the checkmark for item “**Allow Multi assignment [a=b=c] (ST/LD)**” to avoid the detected error “**E1203 usage of multi assignment statements is disabled**” reported when compiling the Control Expert project.

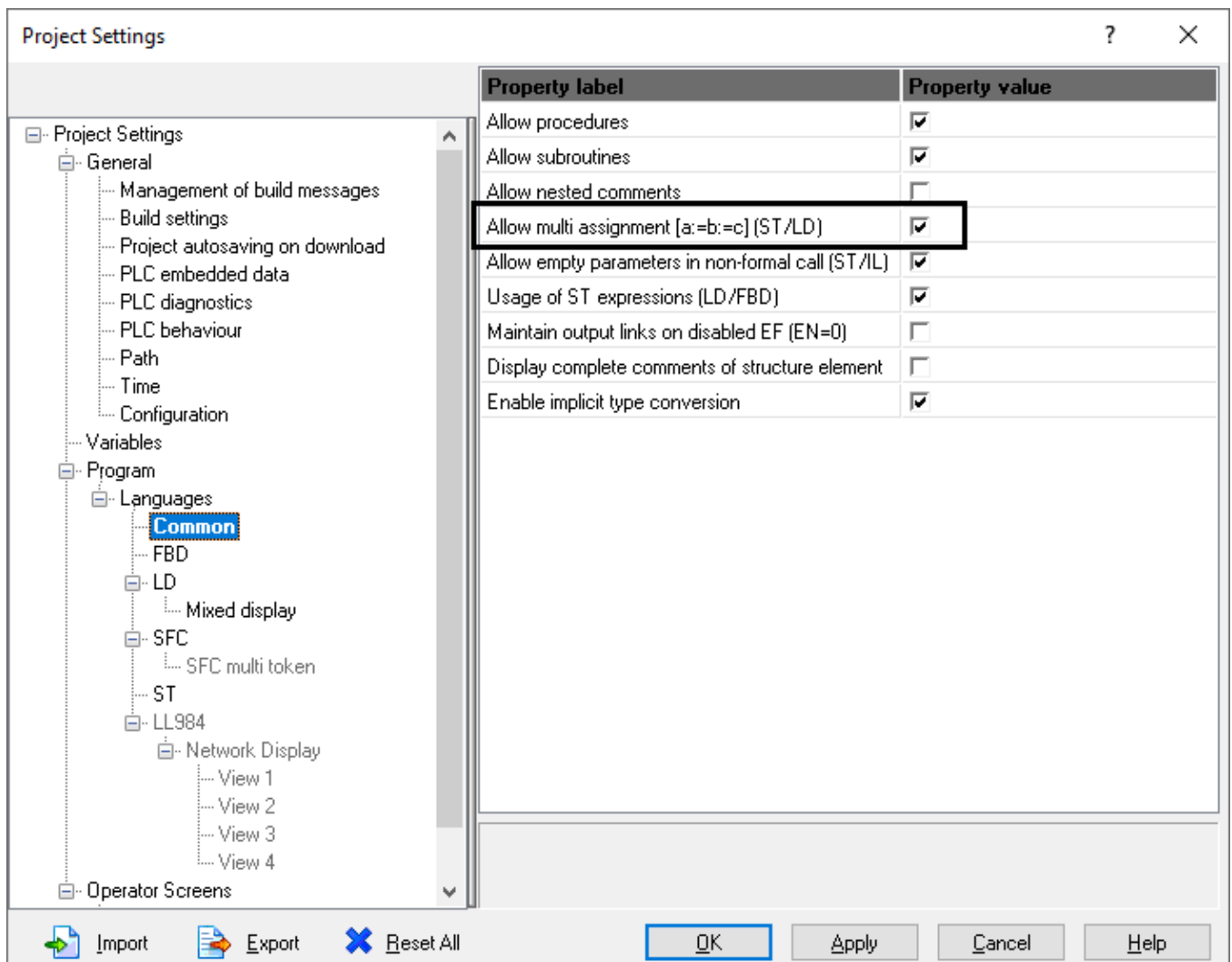


Figure 2: Control Expert "Project Settings" – Item “Allow Multi assignment [a=b=c] (ST/LD)”