# MELSOFT Library Sample Ladder Instruction Guide

This guide describes the procedures for reusing a MELSOFT Library sample ladder for your project.

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**Revision History** 

Revision Hi Version	Description	Date
A	First edition	Sep. 26,2011
		<b>/</b> /

### 1. GX Works2

(1) Unpack the gwz file for GX Works2, and double-click the gwd file.



(2) Select a workspace location on the Unpack dialog box.

Unpack.	
awz → Choose a File to Unpack	
Compressed File Name:	
C:\LD-QJ71GP21-DETECT_V100A_E.gwz	
Choose a Destination Folder	
Workspace Location:	
C:\sample Browse	<ul> <li>Click the Browse button.</li> </ul>
Workspace/Project List:	
Workspace	
Workspace Name: LD-QJ71GP21-DETECT_V100A_E	
Project Name: LD-QJ71GP21-DETECT_V100A_E	
Unpack Unpack and Open Close	
Browse For Folder	
Please select folder the workspace preservation ahead.	
Please select folder the workspace preservation alread.	
🞯 Desktop	
🗉 🖨 My Documents	
🖃 😼 My Computer	
🗉 🥯 Local Disk (C:)	
🗄 🥯 Local Disk (E:)	
🗉 🎱 DVD Drive (D:) 🧔	

Select a corresponding folder and click the OK button.

П

OK

Local Disk (C:)

Folder:

Make New Folder

To create a new folder, click the Make New Folder button, make folder settings and click the OK button.

Cancel

(3) Setting names Enter a workspace name and project name.

Unpack	×
Compressed File Name: C:\LD-QJ71GP21-DETECT_V100A_E.gwz	Browse
Choose a Destination Folder	
Workspace Location: C:\sample	Browse
Workspace/Project List:	
Workspace Name:	
Project Name:	
Unpack Unpack and Open	Close

(4)	Un <u>p</u> ackir	ng	
	ĻĻ	, , ,	
	Unpack	Unpack and Open	Close
	Опраск	Onpack and Open	Close

To unpack only, click the Unpack button. To unpack and open the project, click the Unpack and Open button.

An unpacking operation is performed.



(5) Open the sample ladder project that was unpacked.

MELSOFT Series GX Works21GP2	I-DETECT	V100A_E¥LD-QJ71GP21-DETECT_V100A_E - [[PRG]01Detect QJ71GP21 Ladder]		
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Project		adder program : 01 Detect		
📑 🖻 🖗 🕑 👫	* Function * Version	: Error detection in other stations Mer 1 00 A		
🕀 🛃 Parameter		SB47 SB49	(1410	
- 🛅 Intelligent Function Module			——(M10	1
- 🚱 Global Device Comment ⊕ 🚱 Program Setting				
	62 -	M10 SW0A0.0 SW0B0.0	—(ті <sup>К2</sup>	
D1Detect QJ71GP21 Ladder     Local Device Comment	<sup>02</sup>			1
E 👩 Device Memory				
🦾 Device Initial Value				
		SW0A0.1 SW0B0.1	—(Т2 <sup>К2</sup>	1
			(12	1
📲 Project				
🕎 User Library		SW0A0.2 SW0B0.2	(ТЗ <sup>К2</sup>	,
Connection Destination				r.
» *				~
English		Unlabeled Q04UDEH Host Station	0/111Step	N.

(6) Changing the PLC type

Change the PLC type of the sample ladder project to the CPU type of the destination project. (This operation is unnecessary if the CPU type is the same between the sample ladder and the destination project.)

📰 м	ELSOFT Series GX Wo	rks21GP21-D		
: <u>P</u> ro	iject <u>E</u> dit <u>F</u> ind/Replace	<u>C</u> ompile <u>V</u> iew	Ghange PLC Type	
	New Qpen Close Save Save Save Compress/Unpack Delete Verify Project Revision Change PLC Type Change Project Type	Ctrl+N Ctrl+S	PLC Series          QCPU(QMode)         PLC Iype         Q04UDEH         Q04UDEH         Q06HDH         Q06UDH         Q06UDH         Q10UDH         Q10UDH         Q12H         Q13UDH	OK Cancel eed to be modified d modify the s.

Select Project - Change PLC Type.

Select the new PLC type and click the OK button. (In the example, Q04UDEHCPU is selected.)

### (7) Start the destination project.

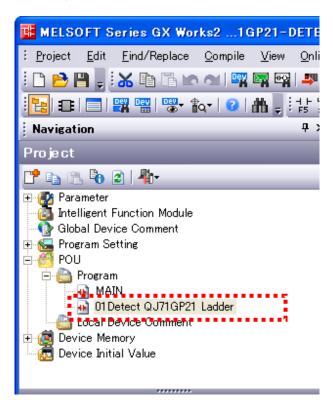
📑 MELSOFT Series GX Works2 (Unset Project) -	- [[PRG] MAIN]	
<u>: P</u> roject <u>E</u> dit <u>F</u> ind/Replace <u>C</u> ompile <u>V</u> iew <u>O</u> nline		- 8 ×
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»		
English	Unlabeled Q04UDEH Host Station	0/1Step Ni

### (8) Drag and drop of a program

MELSOFT Series GX Works21GP21	-DETECT	r_v100A	_E¥LD-QJ7	1GP21-	DETECT	🗰 MELSO	OFT S	ieries GX W	orks2 (Un	set Pro	oject) -	[[P RG]	MAIN]	
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»											»			
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English		Unlabele	1						Er	nglish		Unlabele	d	

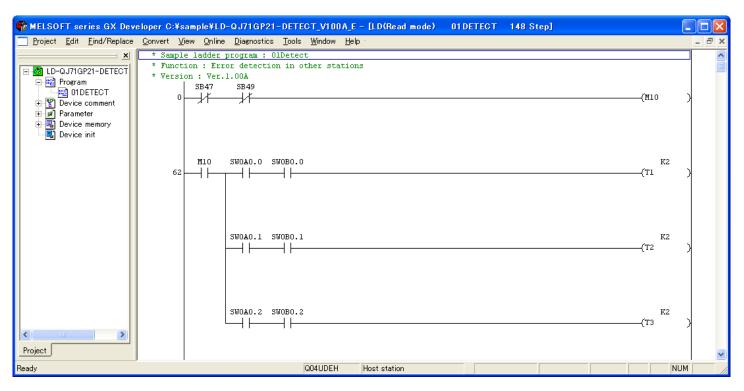
Drag and drop a program you want to reuse from a sample ladder project to the destination project.

The program is copied to the destination project.



## 2. GX Developer

(1) Start the sample ladder project.



### (2) Changing the PLC type

Change the PLC type of the sample ladder project to the CPU type of the destination project. (This operation is unnecessary if the CPU type is the same between the sample ladder and the destination project.)

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	<u>P</u> roject	<u>E</u> dit	<u>F</u> ind/Replace	<u>C</u> onvert	⊻iew
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	Сору .				
	<u>E</u> dit D	ata			•
	Chang	e PLC	tuna	7	
	Onang	e FLO	type		

Select Project - Change PLC Type.

Select the new PLC type and click the OK button. (In the example, Q04UDEHCPU is selected.)

(3) Saving the project data

Save the project data and exit the GX Developer.

### (4) Start the destination project.

	roject) – [LD(Edit mode) MAIN 38 Step]	
<u>Project E</u> dit <u>F</u> ind/Replace <u>C</u> onvert <u>V</u> iew	<u>Online Diagnostics Tools Window H</u> elp	_ & ×
CUnset project) Program MAIN Program Parameter Device memory EDevice init		[END ]
Project		
Ready	Q04UDEH Host station	Ovrwrte NUM

### (5) Copying a program

ø	MELSO	FT se	ries GX Deve	eloper (L	lnset pr					
	<u>P</u> roject	<u>E</u> dit	<u>F</u> ind/Replace	<u>C</u> onvert	⊻iew					
	New project Ctrl+N Open project Ctrl+O Close project									
	<u>S</u> ave Save <u>a</u>	<u>1</u> S		Ci	trl+S •					
	Verify		:t							
Сору										
	<u>E</u> dit Data									

### Select Project - Copy.

Сору	2
Copy source Drive/Path name C:MELSOFT/GPPW	Project name Browse
Title	
PLC type	
Execute	Close

Click the Browse button and select a sample ladder project you want to reuse.

Сору	
Copy source Drive/Path name C:\ Title PLC type Q04UDEH PLC type Parameter PLC type Parameter PLC type Parameter PLC type Device memory MAIN Execute Close	MELSOFT series GX Developer X Completed.

After selecting a project, select a program you want to copy and click the Execute button. When the process is completed successfully, a message stating "Completed." appears.

The program is copied to the destination project.

