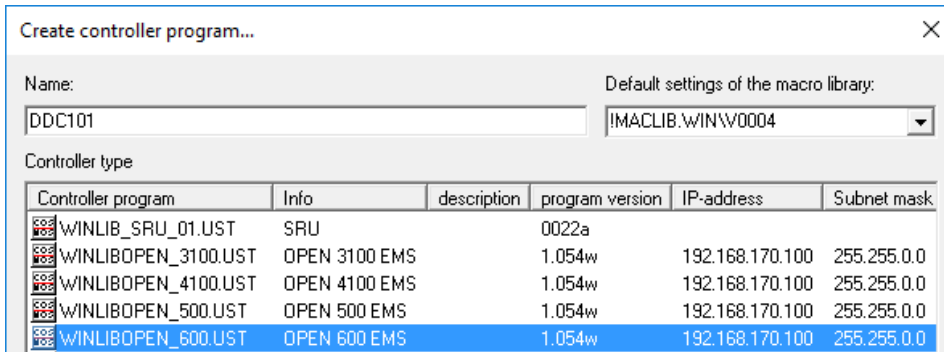


TT221001 – FUP - OPEN 600 I24 Setup

1. OPEN 600 I24 is similar to I32, but with only 4 DO points, so the total number of points in the controller is 24. To program it in FUP, we do it similar to a normal OPEN 600 controller. First, add an OPEN 600 controller in FUP. You can refer to TT180705 for details.








2. Then prepare the Excel IO points spreadsheet and import this into the OPEN 600 controller in FUP. Make sure you don't configure any DO points from DO4 to DO11. Please refer to TT180801 for details.

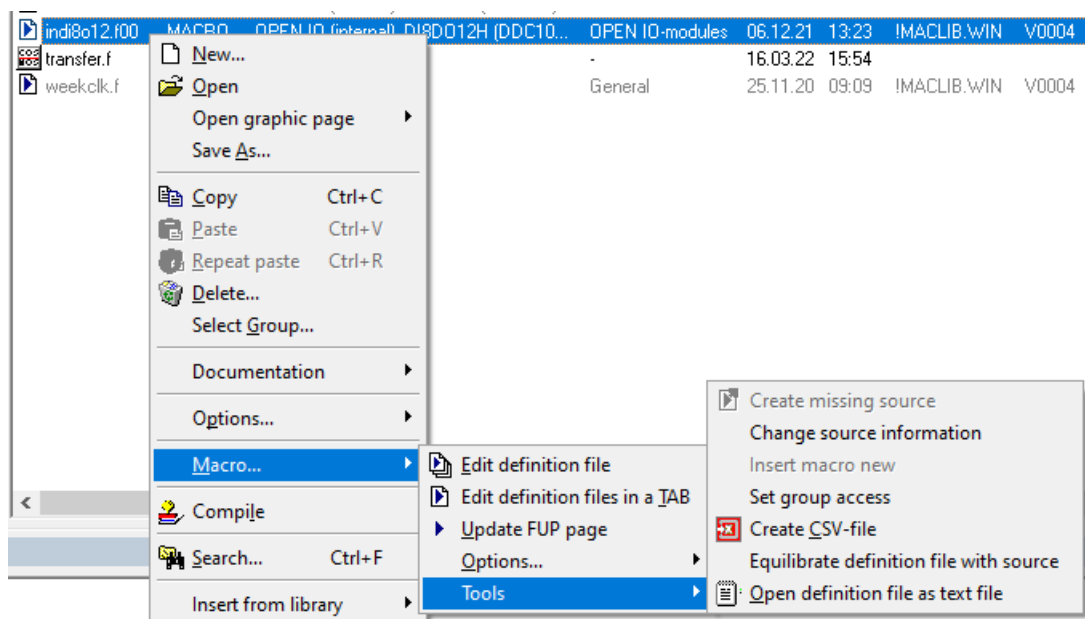
CAN-No. (1 or 2)	panel identifier	module type	module-address	terminal	terminal title	terminal description	identifier e.g. AHU2	Fan Fault Status (SM) sensortype (34),(17),(162),(177),...	copy maclib macro	extension number
1		DS-600A	99	AI0	AHU	Return Air Temperature		(17 0-10V)		
1		DS-600A	99	AI1	AHU	Return Air CO2		(17 0-10V)		
1		DS-600A	99	AI2	AHU	Return Air Humidity		(17 0-10V)		
1		DS-600A	99	AI3		-				
1		DS-600A	99	AI4		-				
1		DS-600A	99	AI5		-				
1		DS-600A	99	AI6		-				
1		DS-600A	99	AI7		-				
1									copy Template macro	
1		DS-600A	99	AO0	AHU	Return Air Temperature - Sim				
1		DS-600A	99	AO1	AHU	Return Air CO2 - Sim				
1		DS-600A	99	AO2	AHU	Cooling Valve				
1		DS-600A	99	AO3	AHU	Damper				
1									copy maclib macro	
1		DS-600D	99	DI0	AHU	Supply Fan Status				
1		DS-600D	99	DI1	AHU	Supply Fan Trip				
1		DS-600D	99	DI2	AHU	External Clock - Sim				
1		DS-600D	99	DI3		-				
1		DS-600D	99	DI4		-				
1		DS-600D	99	DI5		-				
1		DS-600D	99	DI6		-				
1		DS-600D	99	DI7		-				
1									copy maclib macro	
1		DS-600D	99	DO0	AHU	Supply Fan Control				
1		DS-600D	99	DO1		-				
1		DS-600D	99	DO2		-				
1		DS-600D	99	DO3		-				

3. Now you can see the IO modules in FUP. Currently it's not correct because we're still using the macro with 12 DO points, i.e. "indi8do12.f\$x" in "Macro source FUP".

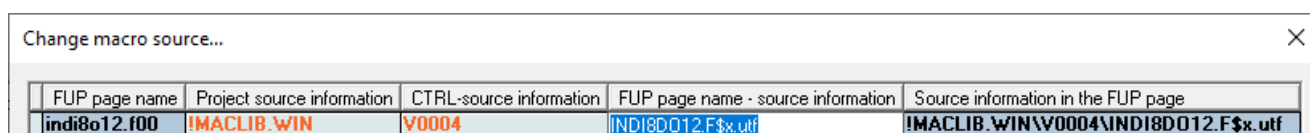
Project Testing {}
Controller program DDC100 -
☐ show documentation (*.Foc)-files

FUP page name	Status	Functionality	Object group	Date modified	Macro sourc...	Macr...	Macro source FUP
 clock.f	MACRO	time functions	General	01.07.21 08:53	IMACLIB.WIN	V0004	clock.f
 const.f	MACRO	assignment of the constants	General	25.11.20 09:09	IMACLIB.WIN	V0004	const.f
 empty.f	MACRO	empty page for graphic	General	21.05.15 16:06	IMACLIB.WIN	V0004	empty.f
 inai8ao4.f00	MACRO	OPEN IO (internal) AI8AO4H (DDC100)...	OPEN IO-modules	30.11.21 10:53	IMACLIB.WIN	V0004	inai8ao4.f\$x
 indi8o12.f00	MACRO	OPEN IO (internal) DI8DO12H (DDC100)...	OPEN IO-modules	06.12.21 13:23	IMACLIB.WIN	V0004	indi8o12.f\$x

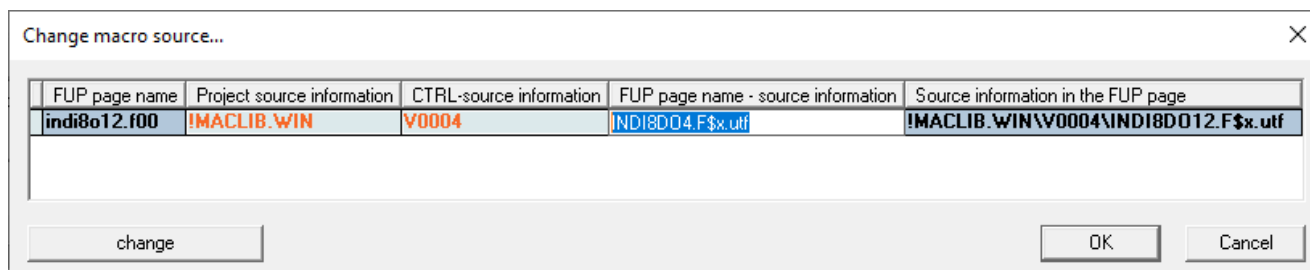
- Now we need to change the “indi8o12.f00” macro source. Right click on it, select “Macro”, “Tools”, “Change source information”.



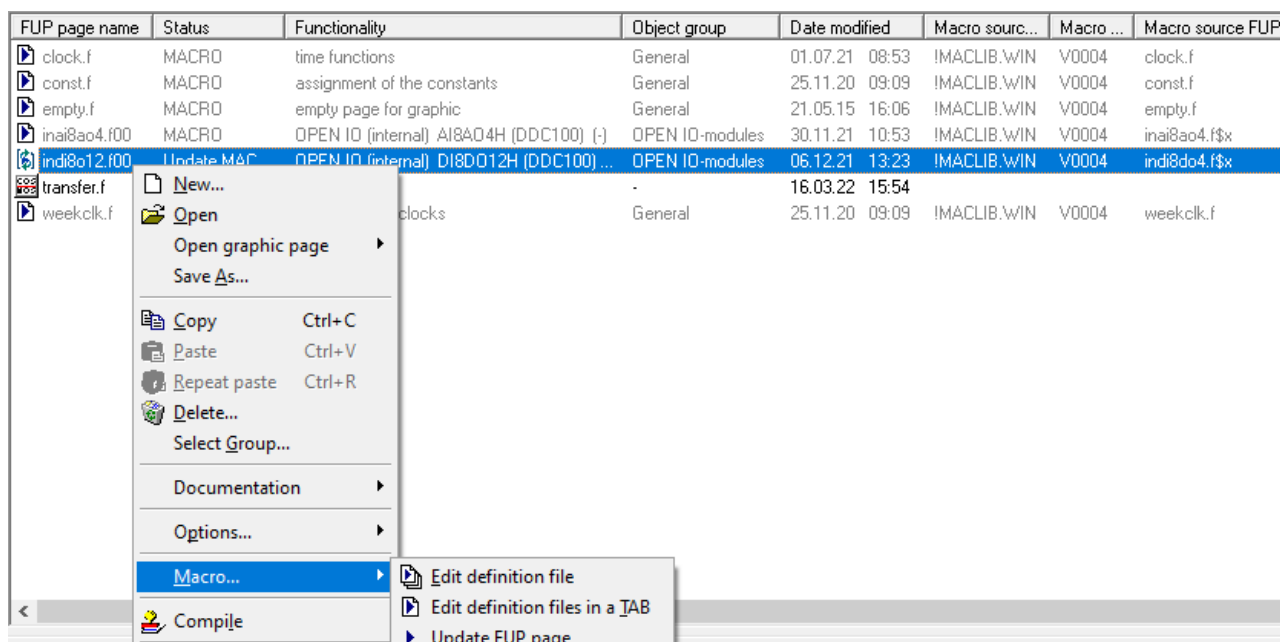
- We need to change it to use the I24 macro.



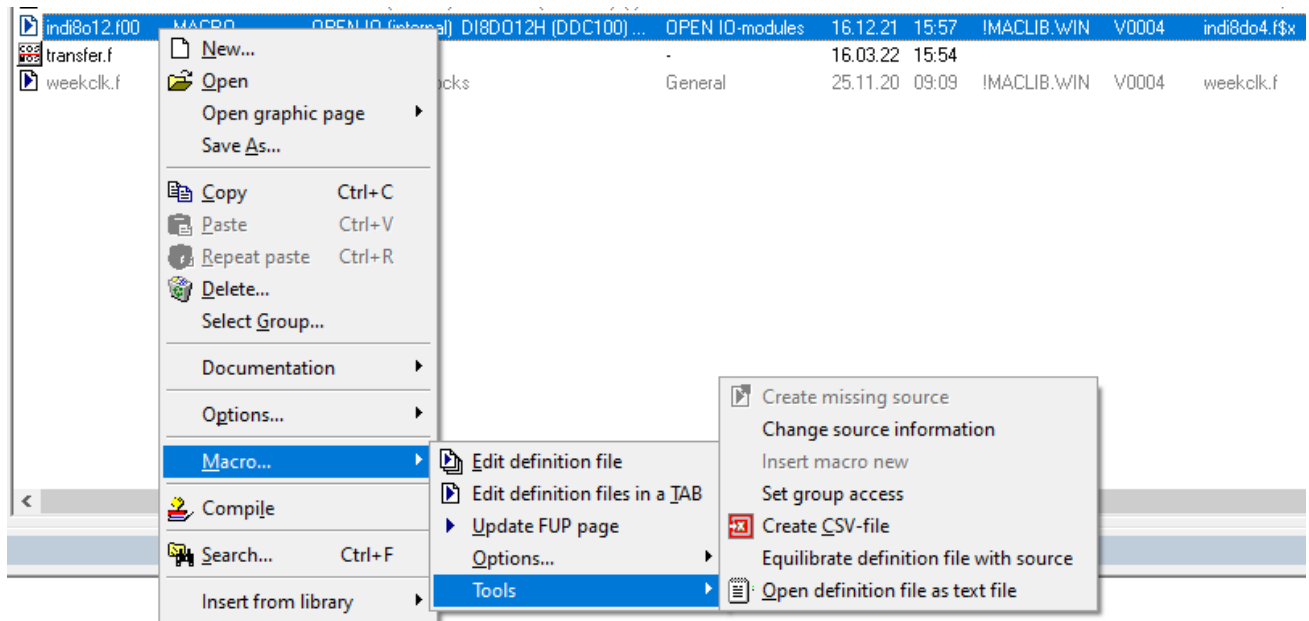
- Change the “FUP page name – source information” to “INDI8DO4.F\$x.utf”. Press “Enter” after changing, and then click “Change” button. Click “OK” when it’s done.



- Now the macro source is changed to use the I24 macro. Update the FUP pages.



8. Equilibrate definition file with source.



- To check if it's changed correctly, double click "indi8o12.f00" to open it, scroll down the list until you find "DIGITAL OUTPUTS" and you should see only 4 points are available.

DDC100: INDI8O12.f00 x

Workflow

Properties

Filter entry

Definition	Definition specification	Comment	Hint
152	----- DIGITAL OUTPUTS		
153			
154			
155			
156			
157			
158			
159			
160			
161			
162	set UI page > DO-identifier < (maximum 35		
163			
164			
165	def08 AHU Supply Fan Control	identifier for digital output terminal >> DO00 <<	e.g. SA-fan stage -1-
166	def09 -	identifier for digital output terminal >> DO01 <<	e.g. SA-fan stage -2-
167	def10 -	identifier for digital output terminal >> DO02 <<	e.g. EX-fan stage -1-
168	def11 -	identifier for digital output terminal >> DO03 <<	e.g. EX-fan stage -2-
169			

10. It's done and you can compile and load it to an OPEN 600 I24 controller for testing. It should show only 4 digital output points.

