



TT210701 – FUP - Macro Status

1. In FUP, when you click on a controller, you can see all the FUP pages in the controller. There are basically 2 types of FUP page.

FUP page name	Status	Functionality	Object group	Date modified	Macro source ...	Macro source...	Macro source FUP
ahu.f			-	08.06.17 10:29			
bacnet.f			-	04.06.17 09:56			
chiller.f			-	04.06.17 13:05			
clkfree1.f00	MACRO	clock timer without additional functions	other	08.10.14 12:45	IMACLIB.WIN	V0004	clkfree1.f\$x
clock.f	MACRO	time functions	General	06.11.12 08:22	IMACLIB.WIN	V0004	clock.f
const.f	MACRO	constants assignment	General	21.09.17 13:36	IMACLIB.WIN	V0004	const.f
demo.f			-	08.06.17 10:40			
dewpoint.f00		dew point calculation	other	04.06.17 12:08			
empty.f	MACRO	empty page for graphic	General	21.05.15 16:06	IMACLIB.WIN	V0004	empty.f
inai8ao4.f00	MACRO	COSMOS IO (internal) AI8AO4H (\$S) (-)	COSMOS IO modules	11.04.17 13:51	IMACLIB.WIN	V0004	inai8ao4.f\$x
indi8o12.f00	MACRO	COSMOS IO (internal) DI8DO12H (\$S) (-)	COSMOS IO modules	11.04.17 14:46	IMACLIB.WIN	V0004	indi8o12.f\$x
modbus.f			-	04.06.17 09:56			
modbus2.f			-	04.06.17 09:55			
simulat.f			-	06.06.17 13:36			
trend1.f			-	06.06.17 13:33			
trend2.f			-	06.06.17 13:58			
weekclk.f	MACRO	global weekly clocks	General	06.06.18 08:46	IMACLIB.WIN	V0004	weekclk.f

2. Those with icon  are normal FUP page that you create for your project. The others with icon  are macro that were created by others.

FUP page name	Status	Functionality
chiller.f		
clkfree1.f00	MACRO	clock timer without additional functions

3. For normal FUP page, you can double click to open FUP editor to edit the FUP page. For macro, double click will open FUP tools for you to edit the parameters/definitions.

FUPtools 7.9.4

File Edit View Window Help

Workflow


DDC121: CLOCK.f x

Filter entry

Definition	Definition specification	Comment
8	set FUP page > page header <	
9		
10		
11	def k	customer
12	def o	General
13	def f	time functions
14	def p	Gruhle
15	def i	general\system pages

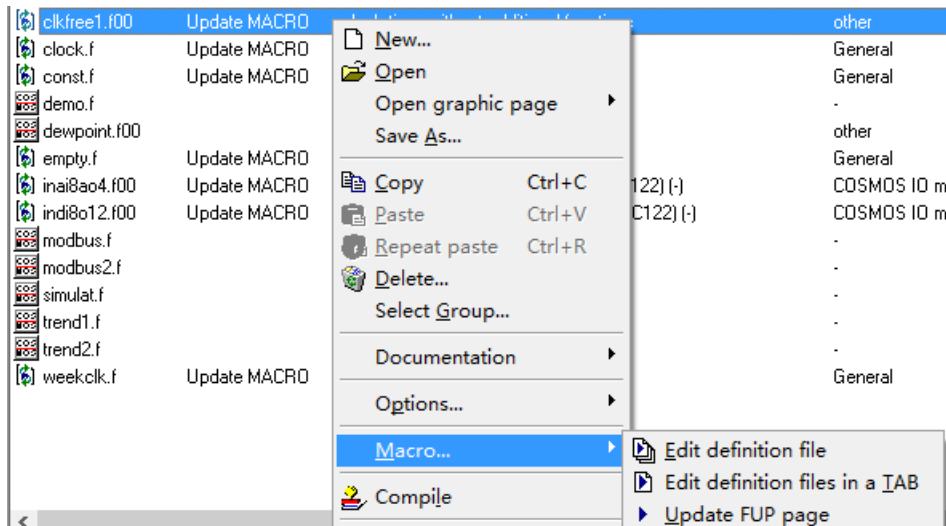
4. Normally you're not able to modify the macro, because it's linked to the source macro FUP page, and it's updated by the source macro.

FUP page na...	Status	Functionality	Object...	Date modified	Macro source PRJ	Macro source CP	Macro source FUP
clkfree1.f00	MACRO	clock timer without ...	other	08.10.14 12:45	IMACLIB.WIN	V0004	clkfree1.f\$x
clock.f	MACRO	time functions	General	06.11.12 08:22	IMACLIB.WIN	V0004	clock.f
const.f	MACRO	constants assignment	General	21.09.17 13:36	IMACLIB.WIN	V0004	const.f

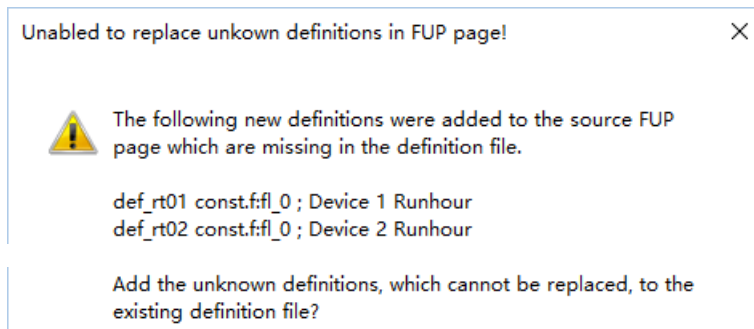
5. When the source macro is updated, you'll see the  icon with the message "Update MACRO".

FUP page name	Status	Functionality
clkfree1.f00	Update MACRO	clock timer without additional functions
clock.f	Update MACRO	time functions

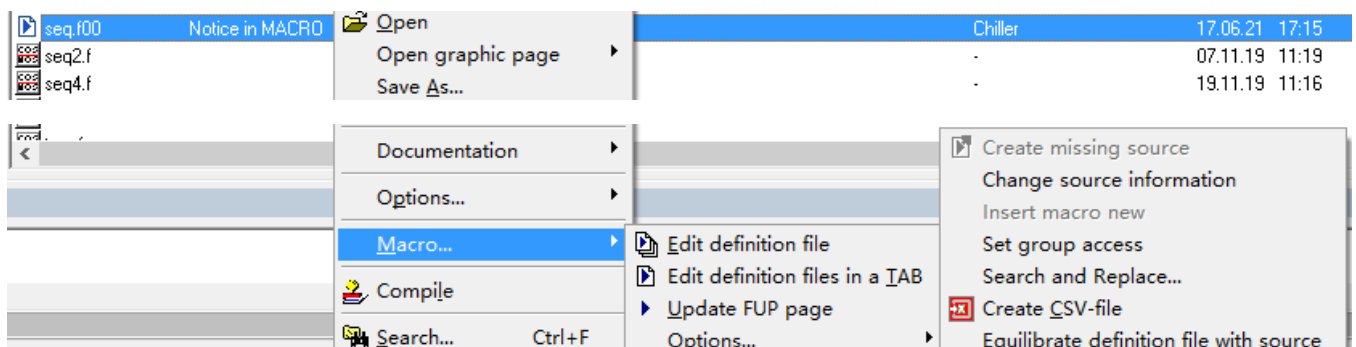
6. To update the macro in your controller, right click on it and select “Macro”, “Update FUP page”. You can also select multiple macros and update them at the same time.



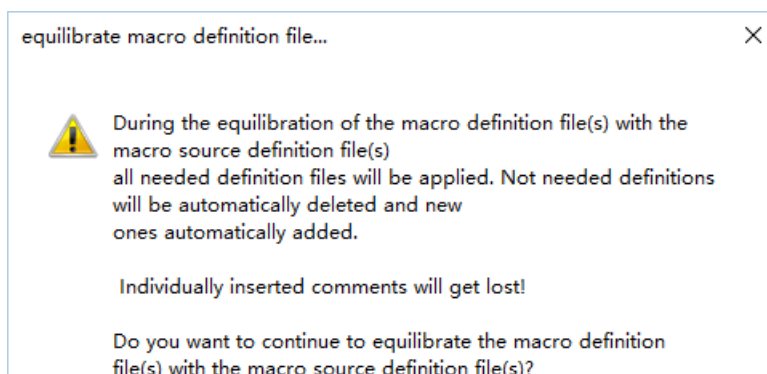
7. If you get the below message during the macro update, it means the new macro has more (or less) points (definitions). Click “Confirm” to update with the new definitions.

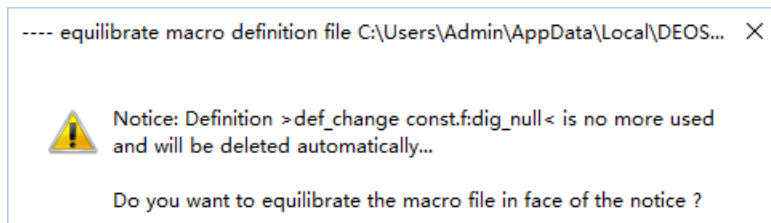


8. You will then see the “Notice in MACRO” message. To clear it, right click on it, select “Macro”, “Options”, “Equilibrate definition file with source”.

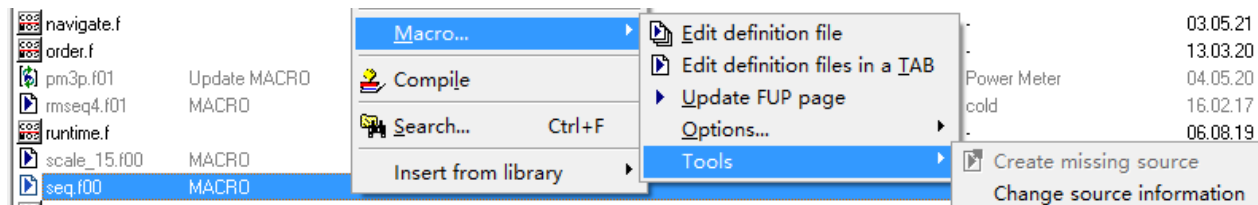


9. Click “Confirm” to update the definitions when you see the below messages. The unchanged definitions will be kept unchanged, so your settings will not be lost.

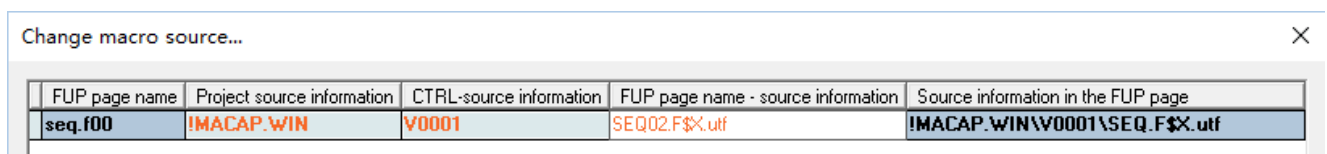




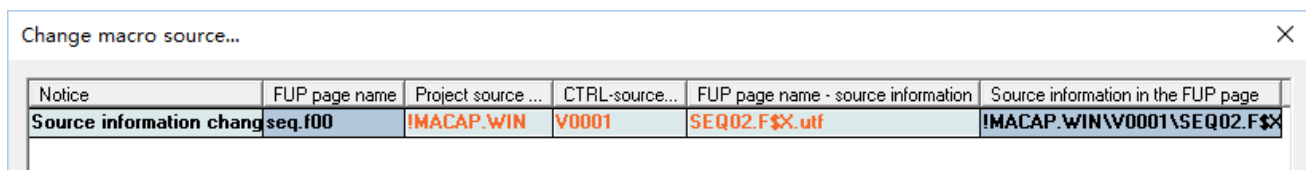
10. If you want to change the source of the macro, you can right click on it, click “Macro”, “Tools”, “Change Source Information”.



11. Change the source macro below, and press “Enter” after the changes. Click the “Change” button.

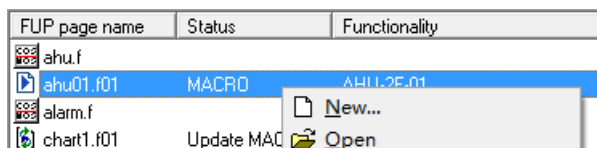


12. After clicking the “Change” button, you can see the below changed message. Click “OK” to confirm the changes.

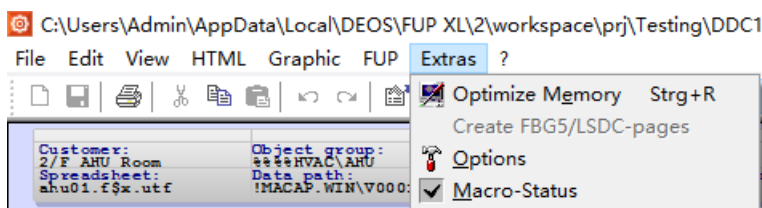


13. Then update the macro and equilibrate the definitions if required.

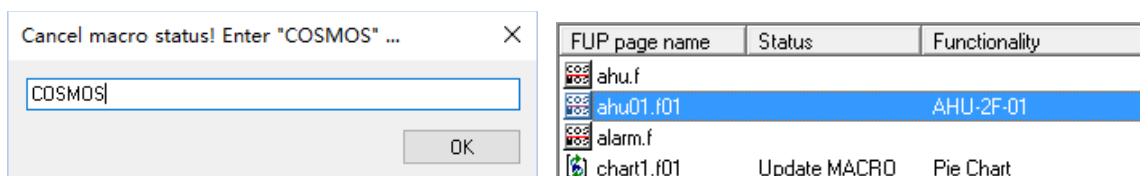
14. You can view the macro FUP page, by right clicking on it and select “Open”.



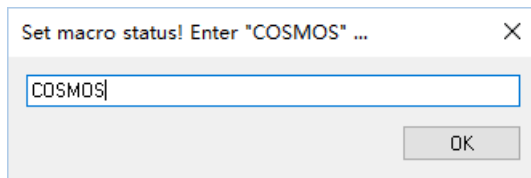
15. This is for view only, and you cannot change anything on it. If you really want to change it, you’ve to disable the macro status. Click on “Extras”, “Macro-Status”.



16. Enter “COSMOS” and click OK to cancel macro status, and now you’re able to change the FUP page. You can also see now the macro icon is changed to a normal FUP page icon. The FUP page will not be updated with the macro anymore.



17. You can also set the macro status back by entering “COSMOS” again.



18. Please note that once you’ve set the macro status back, all the changes you’ve made will be lost and it will link to the source macro again.