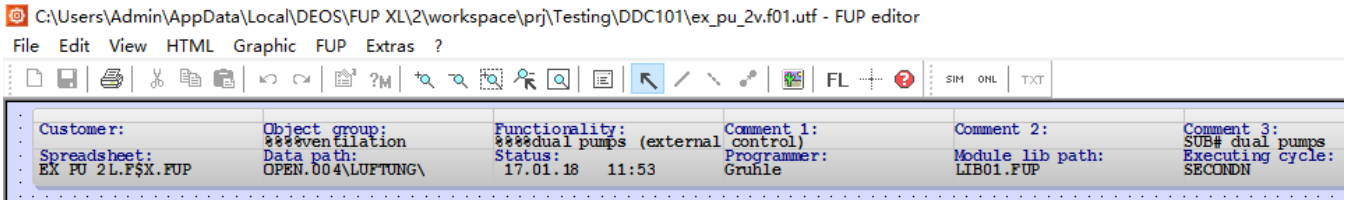
TT210402 – FUP - Page Header

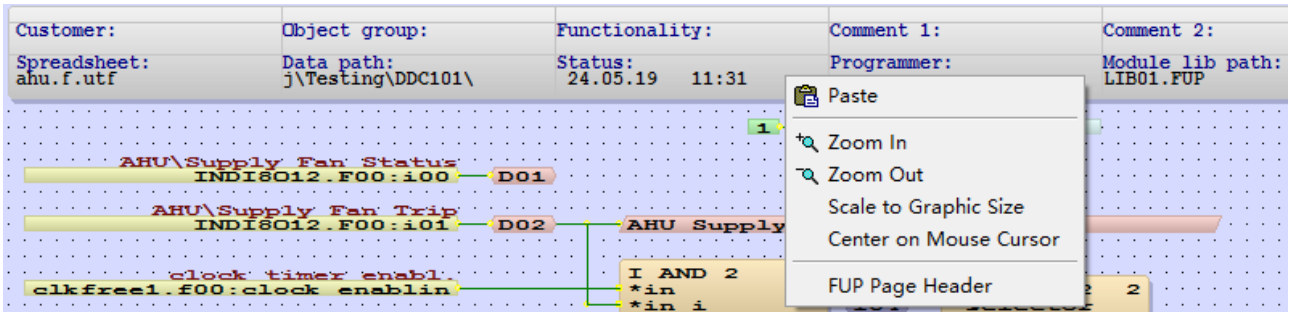
1. In FUP, when you open a controller, you can see there is a lot of information in our standard macro, the information can help you organize the FUP pages easily

FUP page na...	Status	Functionality	Object group	Date modified	Macro source ...	Macr...	Macro source FUP	Programmer
eval1.f00	MACRO	evaluation module for meters (int...	other	21.11.16 07:41	!MACLIB.WIN	V0004	eval1.f$x	Gruhle
ex_pu_2v.f...	MACRO	dual pumps (external control)	ventilation	17.01.18 11:53	!MACLIB.WIN	V0004	ex_pu_2v.f$x	Gruhle
hmt_01.f00	MACRO	operating hours meter	other	03.12.14 10:04	!MACLIB.WIN	V0004	hmt_01.f$x	Gruhle
inai8ao4.f00	MACRO	COSMOS IO (internal) AI8AO4...	COSMOS IO modules	11.04.17 13:51	!MACLIB.WIN	V0004	inai8ao4.f$x	Gruhle
indi8o12.f00	MACRO	COSMOS IO (internal) DI8DO1...	COSMOS IO modules	11.04.17 14:46	!MACLIB.WIN	V0004	indi8do12.f$x	Gruhle

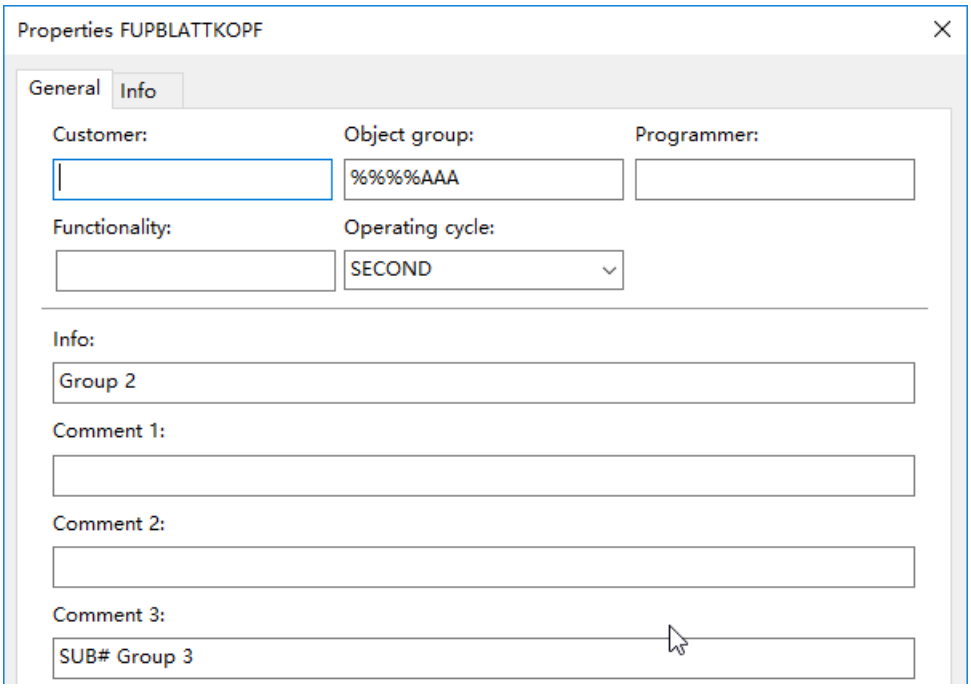
2. The information is contained in the “FUP Page Header” and you can edit it in the FUP page



3. Normally, when you create a new FUP page by your own, all the information is empty. You can edit it by right click the “Page Header” and click “FUP Page Header”



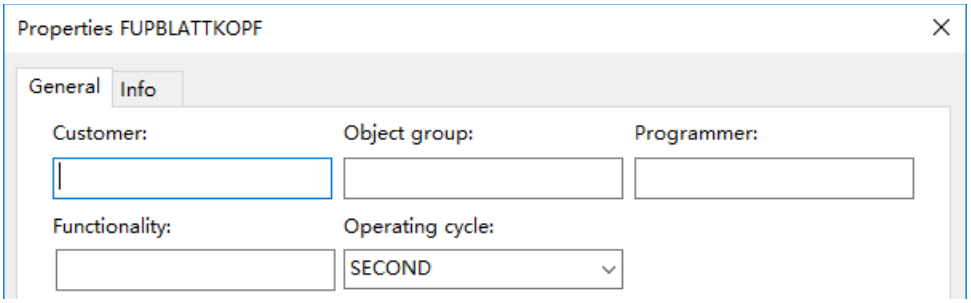
4. One of the main functions in the header is the “Object group” which can help you group the FUP pages in FUP and OPENview tree views (together with “Info” and “Comment 3”). Please refer to TT201201 for details



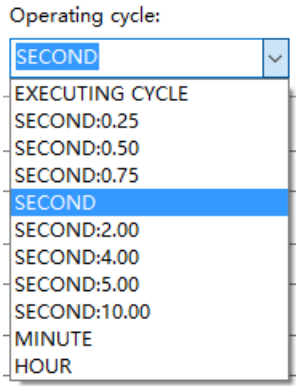
5. For the other properties, e.g. functionality, programmer, etc., they're mainly for comment purpose, and you can freely use them based on the needs. All of them can be sorted in the FUP page list, so that you can find them easily

FUP page na...	Status	Functionality	Object group	Date modified
pm3p.f01	Update ...	3 Phase Power Me...	Power Meter	04.05.20 11:44
ahu01.f01	Update ...	AHU-2F-01	HVAC	25.05.20 10:49
const.f	MACRO	assignment of the c...	General	21.09.17 13:36
chiller.f01	Update ...	Chiller 1	Chiller	09.12.19 17:02
chiller.f02	Update ...	Chiller 2	Chiller	09.12.19 17:02
chiller.f03	Update ...	Chiller 3	Chiller	09.12.19 17:02
chiller.f04	Update ...	Chiller 4	Chiller	09.12.19 17:02
chiller.f05	Update ...	Chiller 5	Chiller	09.12.19 17:02
chiller.f06	Update ...	Chiller 6	Chiller	09.12.19 17:02
chiller.f07	Update ...	Chiller 7	Chiller	09.12.19 17:02
chiller.f08	Update ...	Chiller 8	Chiller	09.12.19 17:02
chiller.f09	Update ...	Chiller 9	Chiller	09.12.19 17:02
load.f00	Update ...	Chiller Plant	Chiller	02.10.19 17:43
seq.f00	Update ...	Chiller Plant	Chiller	03.10.19 10:04

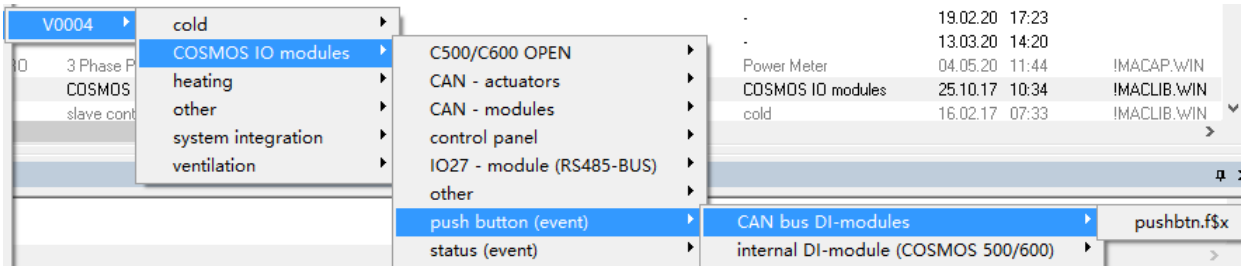
6. Another very important function in the header is the "Operating Cycle"



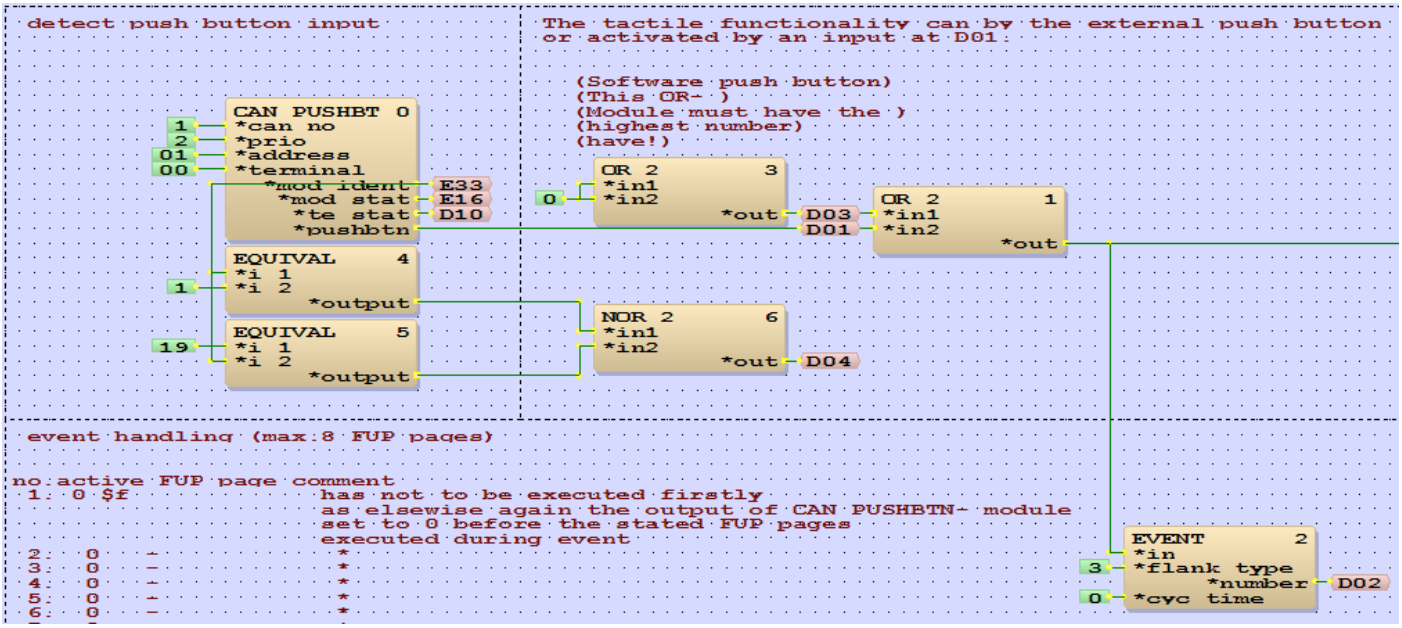
7. The default cycle time is 1 second, and you can change it using the combo box.



8. Depending on your application, you can change the cycle time of each FUP page from 0.25 second to 1 hour. Please note that it may overload the controller if you have too many complicate FUP pages (e.g. more than 100) running at less than 1 second cycle time, so please consult our Professional Support if you have such application
9. For time critical application, e.g. turn on the light using a push button connect to the DI module, you can set the cycle time to "Executing Cycle". This means the FUP page will run as fast as possible
10. For this kind of application, you can use the "pushbtn.f$x" macro in our macro library



11. If you look at the macro in details, you can see that it is very simple, which is very important as you can't run a complicate FUP page in such a short cycle time



12. Basically, what it does is to check the DI module if the push button is push frequently. If it is, then it will trigger another FUP page to run using the "EVENT". You can refer to the help text of the module for details