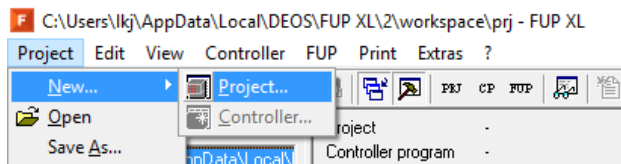


TT180705 - FUP - Setup a New Controller

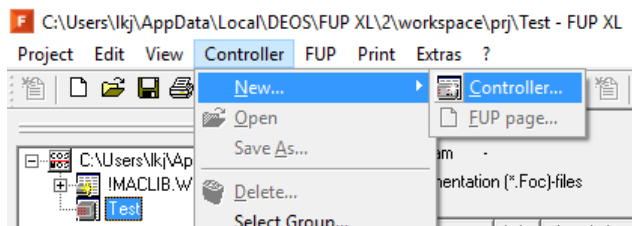
1. Start FUP. Click “Project”, “New”, “Project”, to create a new project



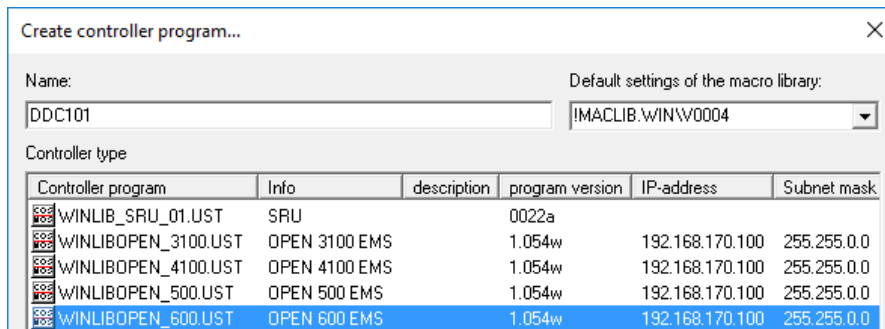
2. Type in the new project name, select “English” and click OK



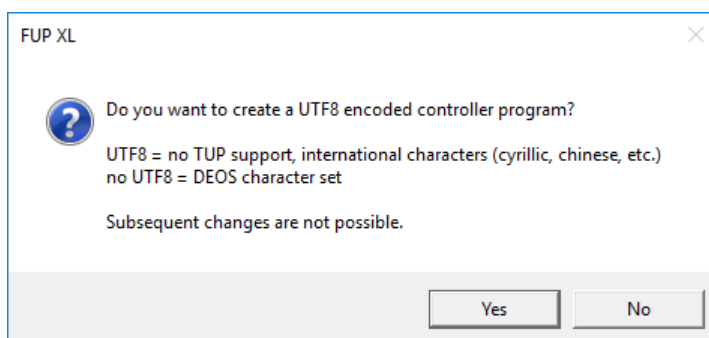
3. Click on the project. Click “Controller”, “New”, “Controller” to create a new controller



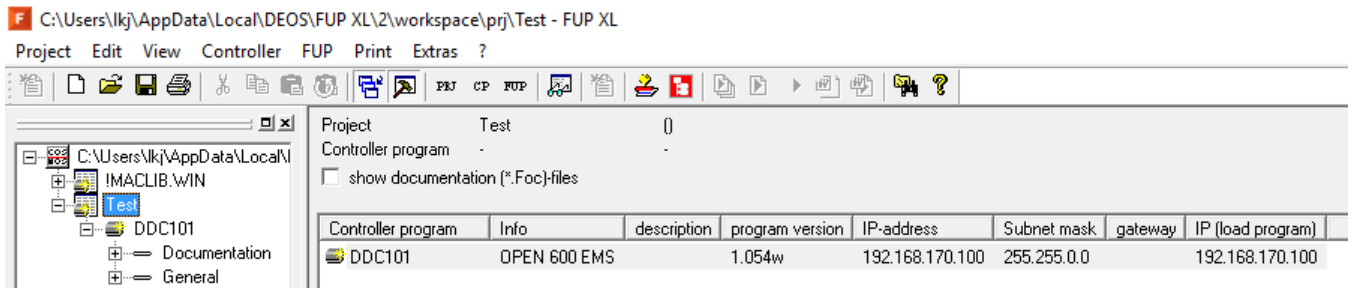
4. Type in the new controller name, select the controller type and click OK



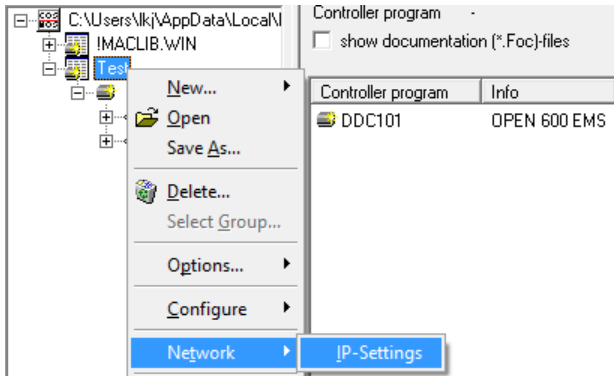
5. Select “Yes” if you may need to use international characters, select “NO” if you use TUP



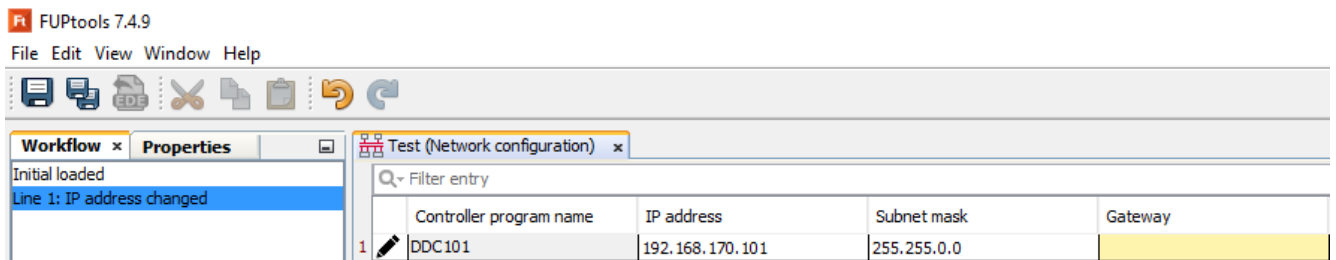
6. Now an empty controller with the basic macros is created. You can then build your programs for this controller. Please refer to the other TTs on how to create the data points, build the control logics and graphic pages. For now, we can continue with this first



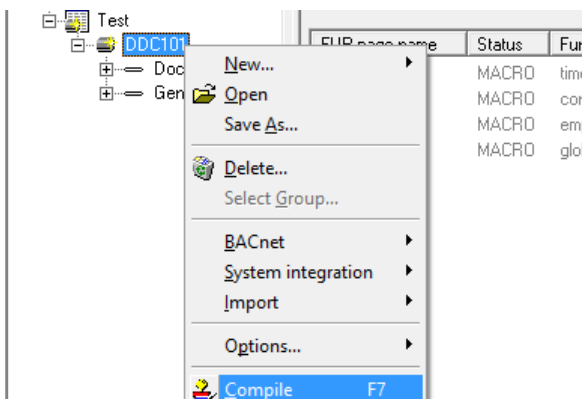
7. To change the controller IP, click on the project, right click, click “Network”, “IP-Settings”



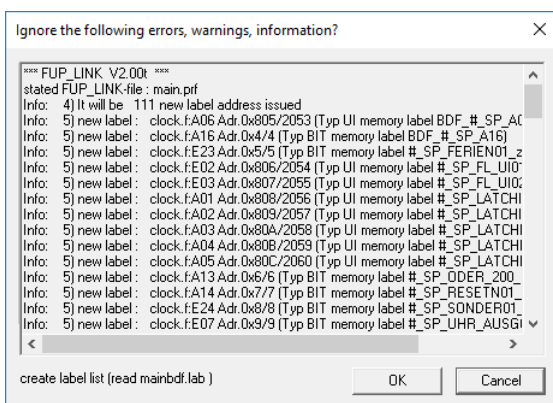
8. Type the IP address, press Enter, click the “SAVE” button on the top left corner. Close window



9. To compile the controller, click on the controller, right click, click “Compile”



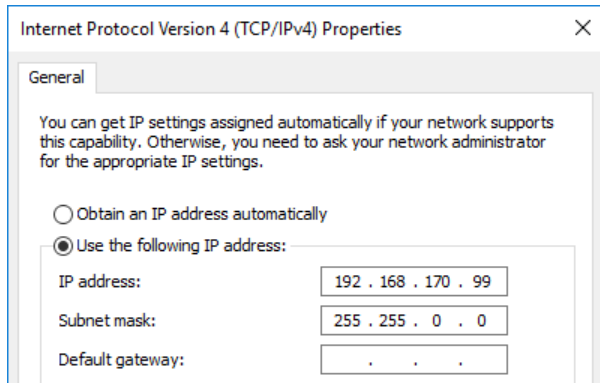
10. Click OK



11. Compile finished without error, you should see the below messages

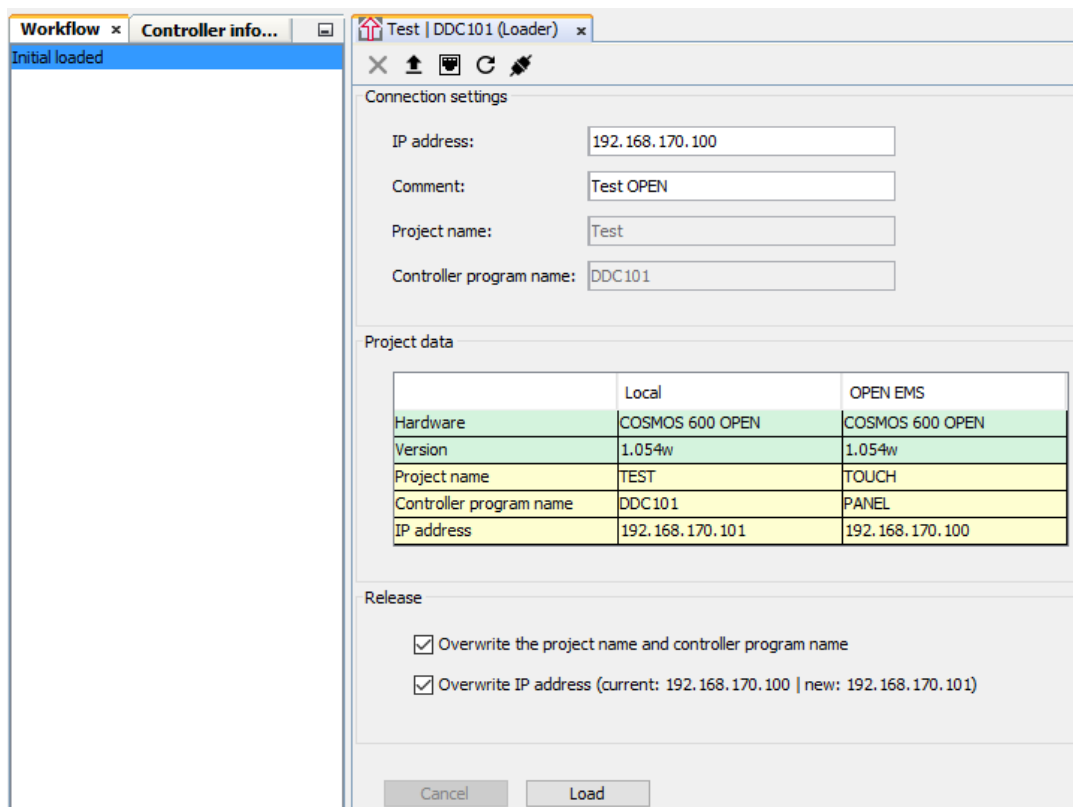
```
.... UITree HTMLFUP_XL-core 7.4.7(21) ----  
.... Waiting for background processes... ----  
.... Starting virtual Linux-environment... ----  
.... Create object code of the generated C-files -system files- ----  
.... FUP XL - 0 Error(s), 0 Warning(s) ----00:02:57
```

12. The default IP address of a new controller is 192.168.170.100, and the subnet mask is 255.255.0.0. To upload the program to the new controller, you need to setup your PC IP address accordingly, for example



13. To upload the controller, click on the controller, right click, select "Upload"

14. Connect your controller to your PC using a network cable. If it is connect successfully, you should see the below screen with the controller information. Tick all the options below until you see the "Load" button is enabled. Click "Load" to load the controller



15. The upload may take a long time. It may also upgrade the controller firmware to the latest version and the controller may need to restart a few times during the upgrade

16. Wait until you see the following screen, and your controller is now uploaded with the new program, and the IP is changed to 192.168.170.101

Test | DDC101 (Loader) x

Connection settings

IP address: 192.168.170.101

Comment: Test OPEN

Project name: Test

Controller program name: DDC101

Update progress

✓ 1. Step: Controller program DDC101 Load

✓ 2. Step: Initialize data

Project data

	Local	OPEN EMS
Hardware	COSMOS 600 OPEN	COSMOS 600 OPEN
Version	1.054w	1.054w
Project name	TEST	TEST
Controller program name	DDC101	DDC101
IP address	192.168.170.101	192.168.170.101

Cancel Load ✓ The OPEN EMS was successfully updated.

17. Now we can use a HTML5 browser to view and setup the controller. Chrome is preferred.

18. Start Chrome, and type the controller IP address. Click "Password", "Login"

OPENview x

← → ↻ ⓘ Not secure 192.168.170.101/client/index.html

01: DCS.Open

- Events
- Password

Please press Login to sign on.

Login

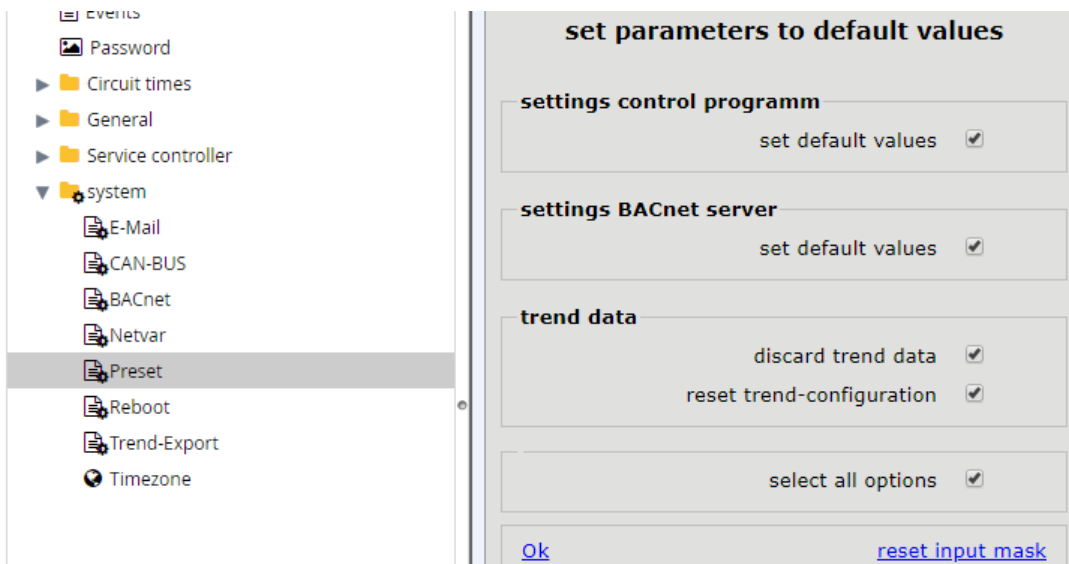
19. Type in the password, and click "Login"

Please enter your password and press the button Login to sign on.

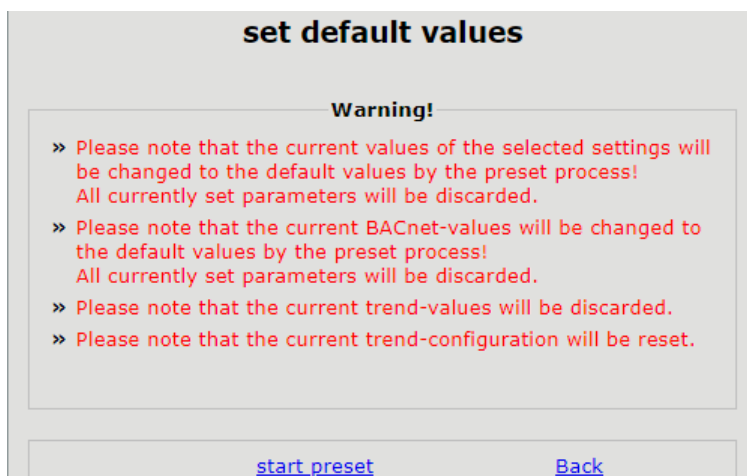
..... Login

Active password no.: 0

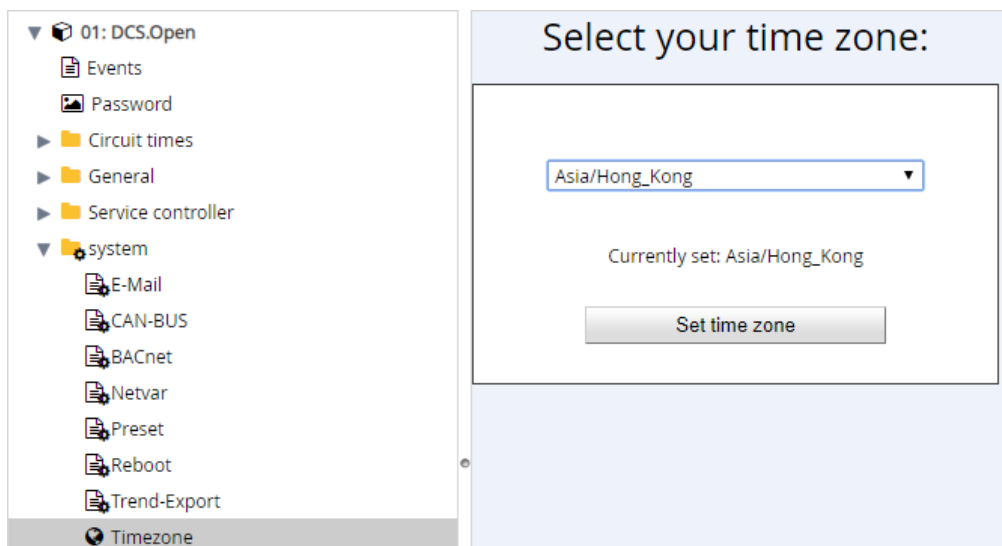
20. For a new controller, we want to clear all the data and set all parameters to default values we set in FUP. Click "System", "Preset", "Select all options" and click OK



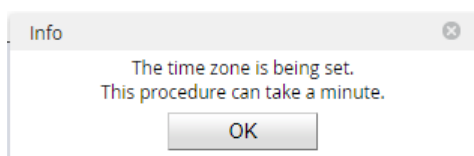
21. Click “Start Preset”, and wait until it finished



22. Now we need to set the time zone. Login the controller again, click “Timezone”, select your city (or other city with the same time zone), and click “Set Time Zone”



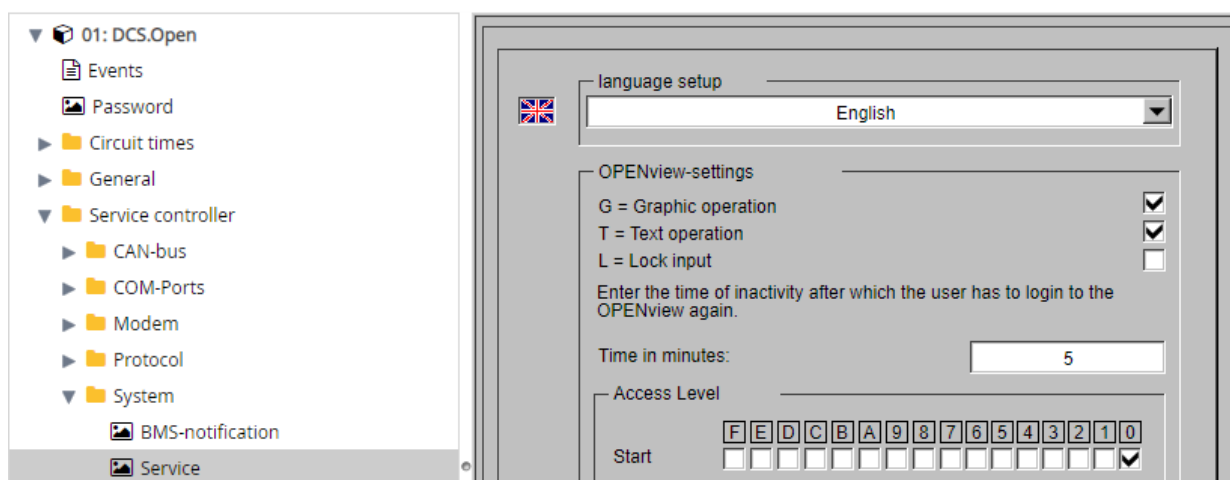
23. Click OK, and wait for a while, and reload the page



24. If the time zone is set correctly, the time in the controller should be correct. You can check it by clicking on “General”, “Time”



25. Sometimes the controller language is set to German. To check it, click on “System”, “Service”. You can change the language by using the drop-down menu in the “Language Setup”



26. Now you've finished the setup of the new controller