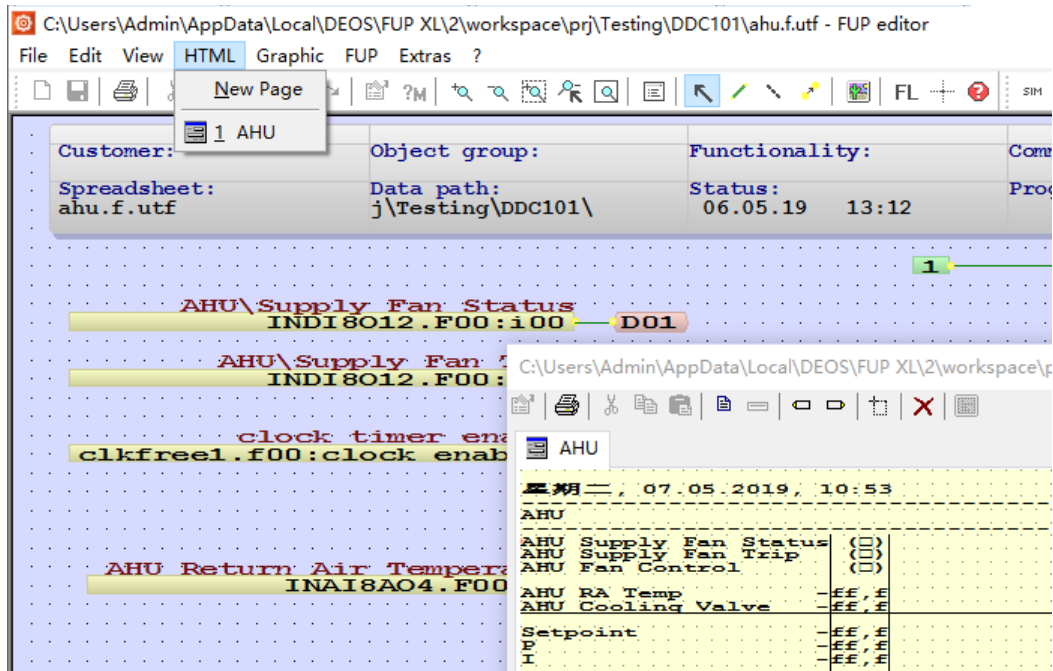
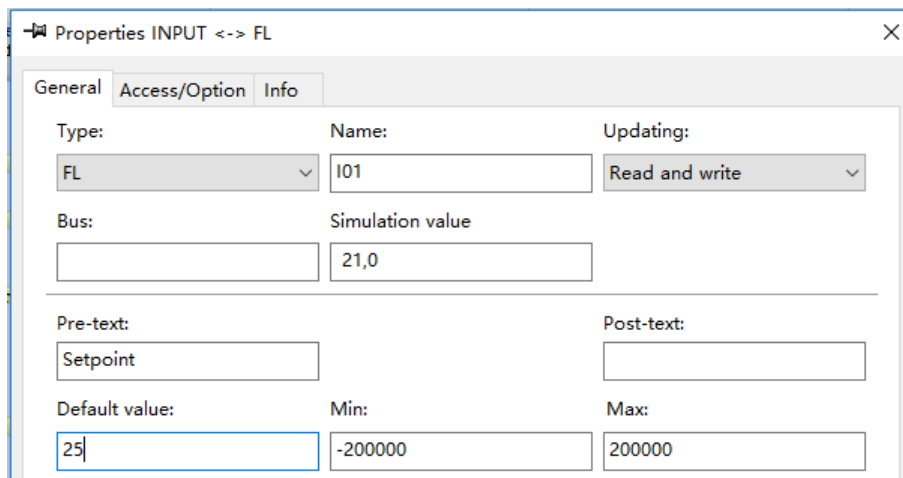


TT190504 – FUP - Default Value and Preset

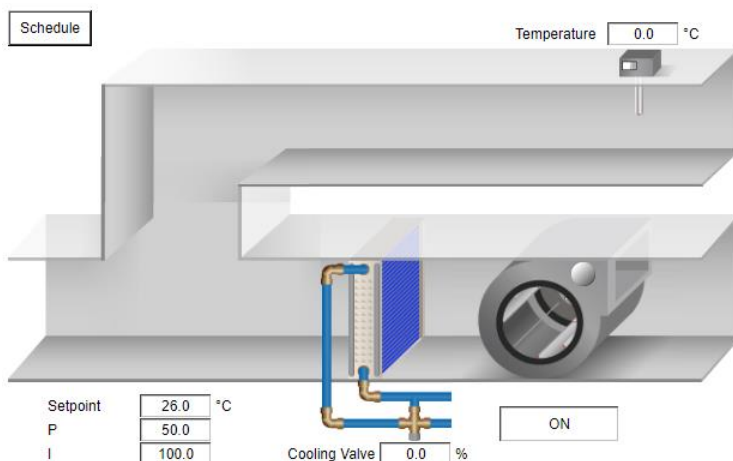
1. In FUP, we can set default value of all “Input”, e.g. return air temperature setpoint at 25°C. This is very useful for T&C work. To set it, open the “ahu.f” FUP page, open the HTML page “AHU”.



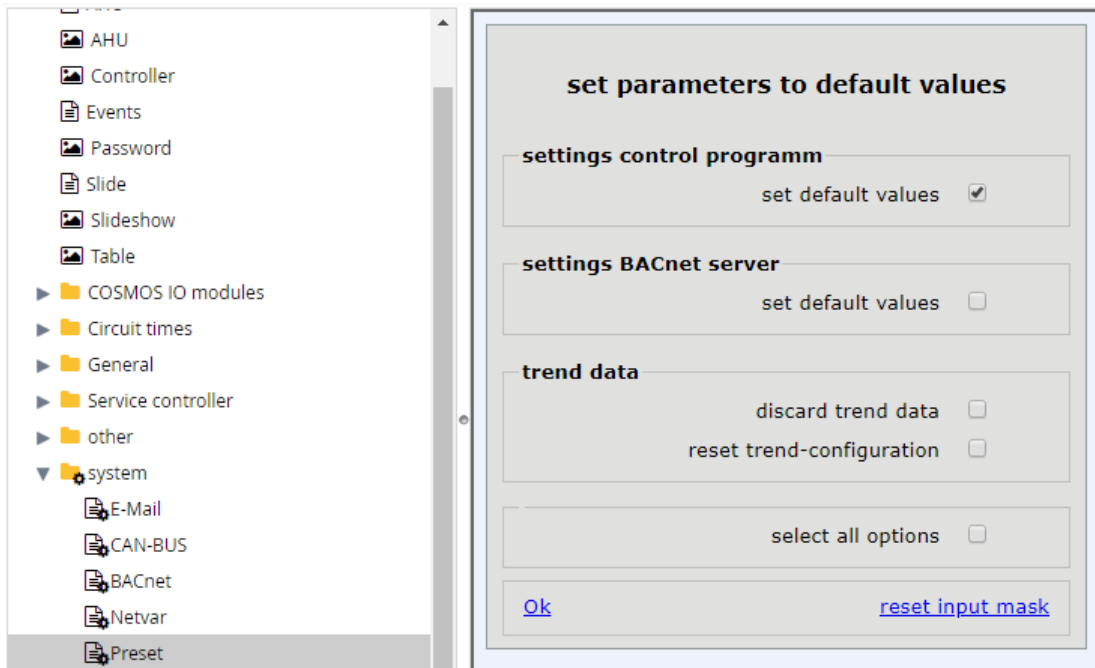
2. Double click on the “Setpoint” Input on the HTML page, change the “Default Value” to 25



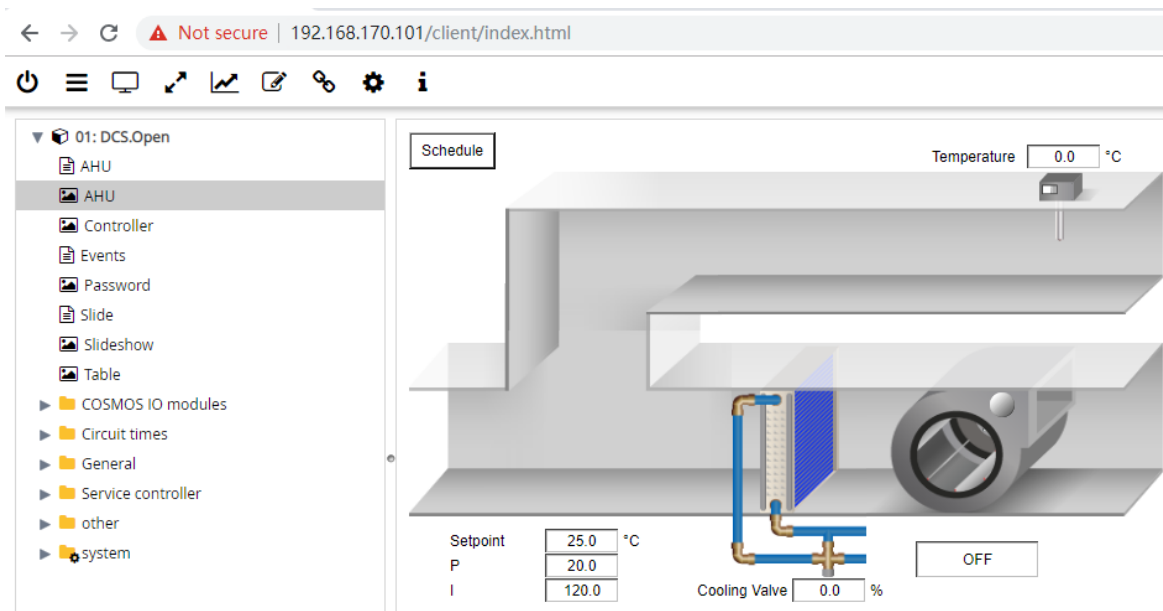
3. Also, change the default values for “P” to 20, and “I” to 120. These are the default settings of PI control for temperature in our system. Save, compile and upload it to your controller.



4. You should notice that the setpoint, P and I value is not changed in your controller after the upload. The is because we don't want to reset the settings in your controller to default value every time you upload the program. That's why you must do it manually if required.
5. To set default values, click on "System", "Preset" from the tree. Tick "Set Default Values" in "Settings Control Program" and click "OK" to start the preset.



6. You can select other settings and data to preset if you want to. If it's an upload of a complete new FUP program, or it's a new controller, I'd suggest you use "Select all Options" to clear everything to default values



7. You may notice that the fan is OFF after the preset. It's because the time program inside the controller is also clear after preset, so please be cautioned before you confirm the preset action
8. In our macro library, most of the settings have default values (e.g. the I/O module macro), including the scale, min/max value, etc. to reduce your engineering and commissioning time

General		scale		damping		limitation		monitoring		terminal status	
Identifier		input Value	sensor Value	input Value	sensor Value	MIN limit	MAX limit	Value (scaled)			
		--- (MIN-value) ---		--- (MAX-value) ---							
AI00	AHU Return Air Temperat	0.00	0.00	10.00	10.00	-9999.00	9999.00	0.00			