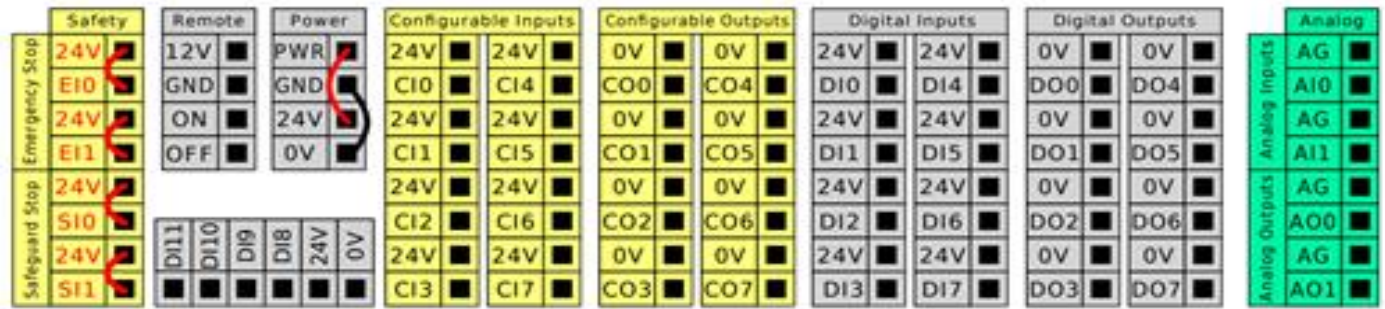


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Step 1: Connect your CLAMPBOOSTER to the control cabinet of your cobot.



Analog:

- Grey/Pink = A01
- Purple = AG
- Red/Blue = A00
- Black = AG

Digital Input:

- Brown = 24V
- Yellow = DI0

Digital Output:

- White = 0V
- Green = DO0

CLAMPBOOSTER circuit diagram

CLAMPBOOSTER connection			Roboter connection		Description
color	signal name	type	signal name	type	
Yellow	Ready Signal (+)	OUT	Digital In	IN	closed (ready), open (busy) potential free contact
Brown	Ready Signal (-)	OUT	Digital In	IN	
Green	Blow-off Air (+)	IN	Digital Out (24V DC)	OUT	24V - Blow-off Air (on), 0V Blow-off Air
White	Blow-off Air (-)	IN	Digital Out (COM)	OUT	
Red	Security Guard(+)	IN	Digital Out (24V DC/0,125mA)	OUT	24V - Motor Power (on), 0V - Motor power (off)*
Blue	Security Guard(-)	IN	Digital Out (COM)	OUT	
Grey	not documented				
Pink	not documented				
Red/Blue	Optional	IN	Torque +		Electricity 4-20 mA => 5-100 Nm
Black	Optional	IN	Torque -		
Grey/Pink	Optional	IN	opening angle +		Electricity 4-20 mA => 0-10 Revolution
Purple	Optional	IN	opening angle -		

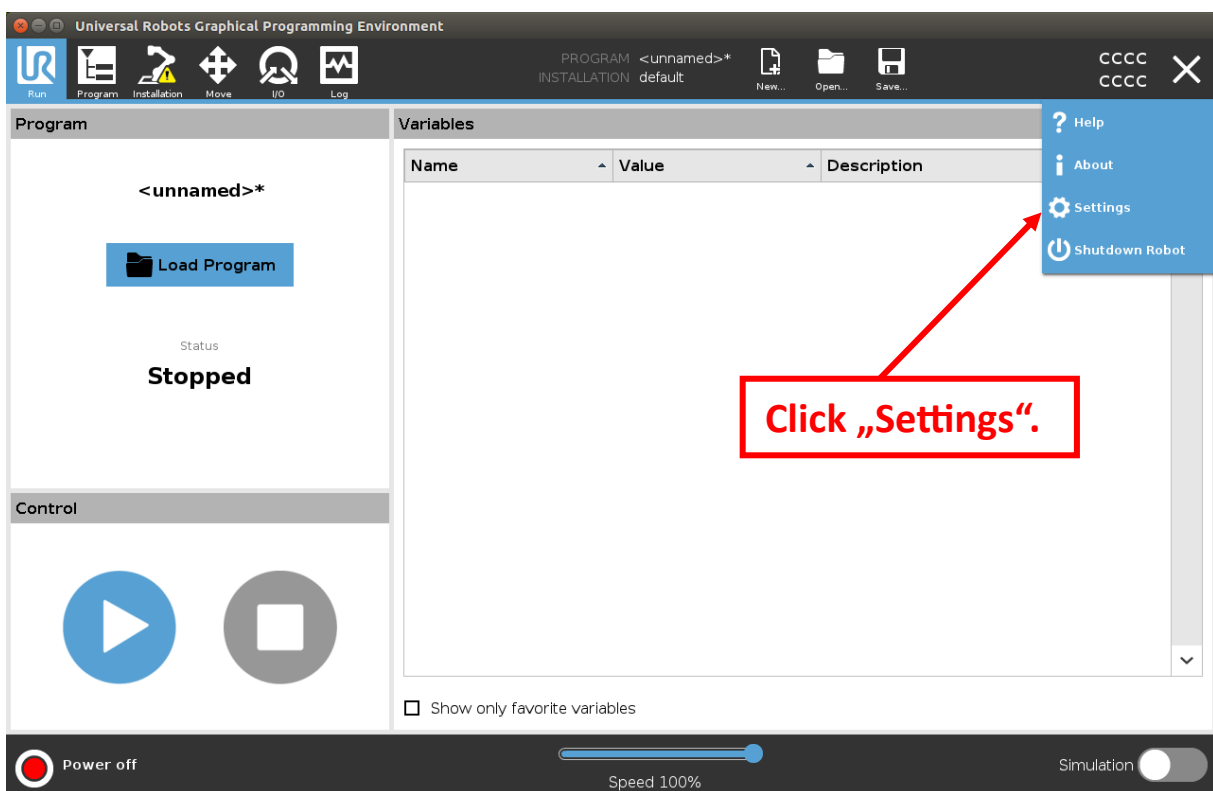
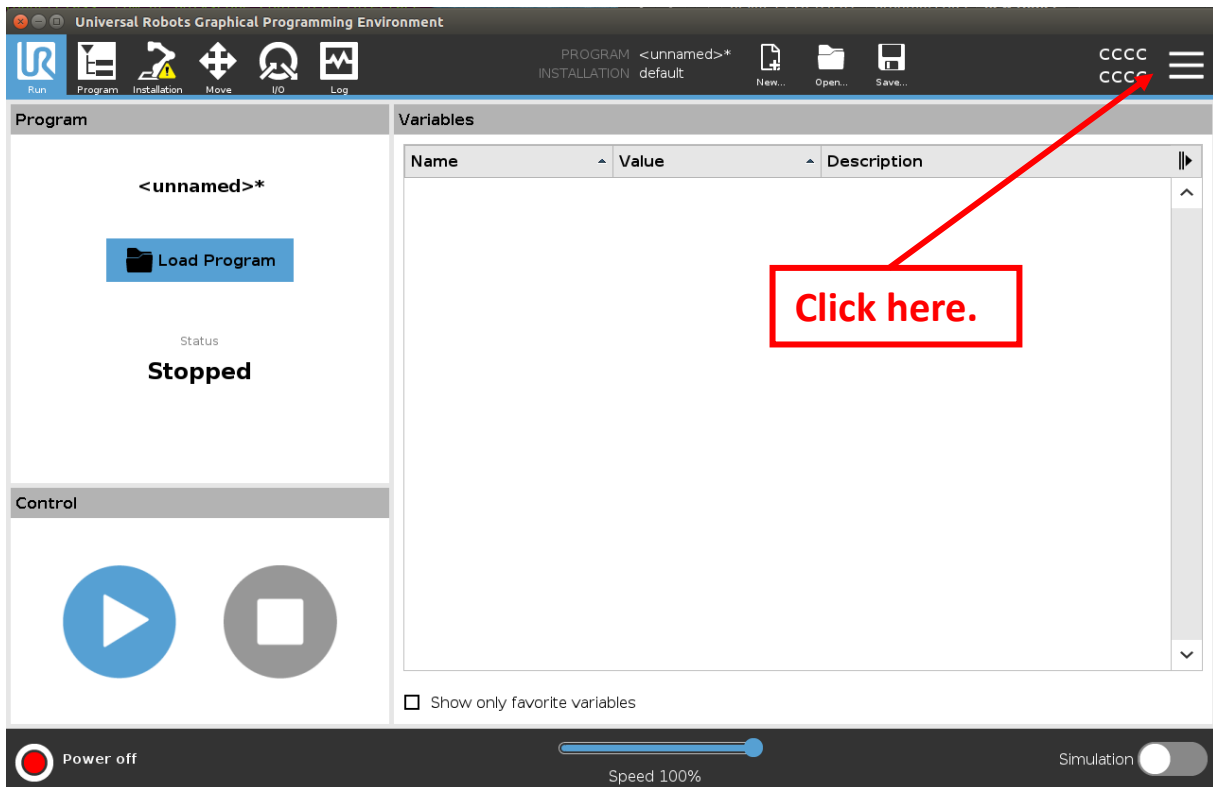
* 24V must be present for the CLAMPBOOSTER to work

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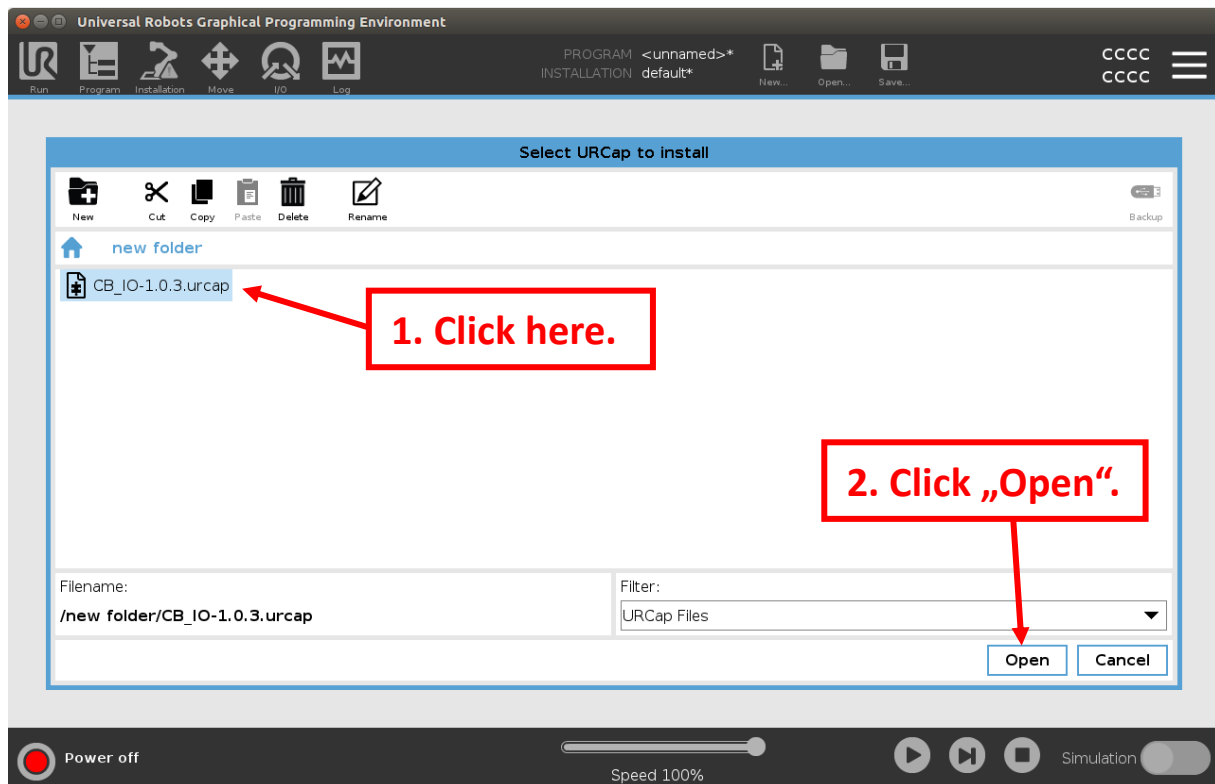
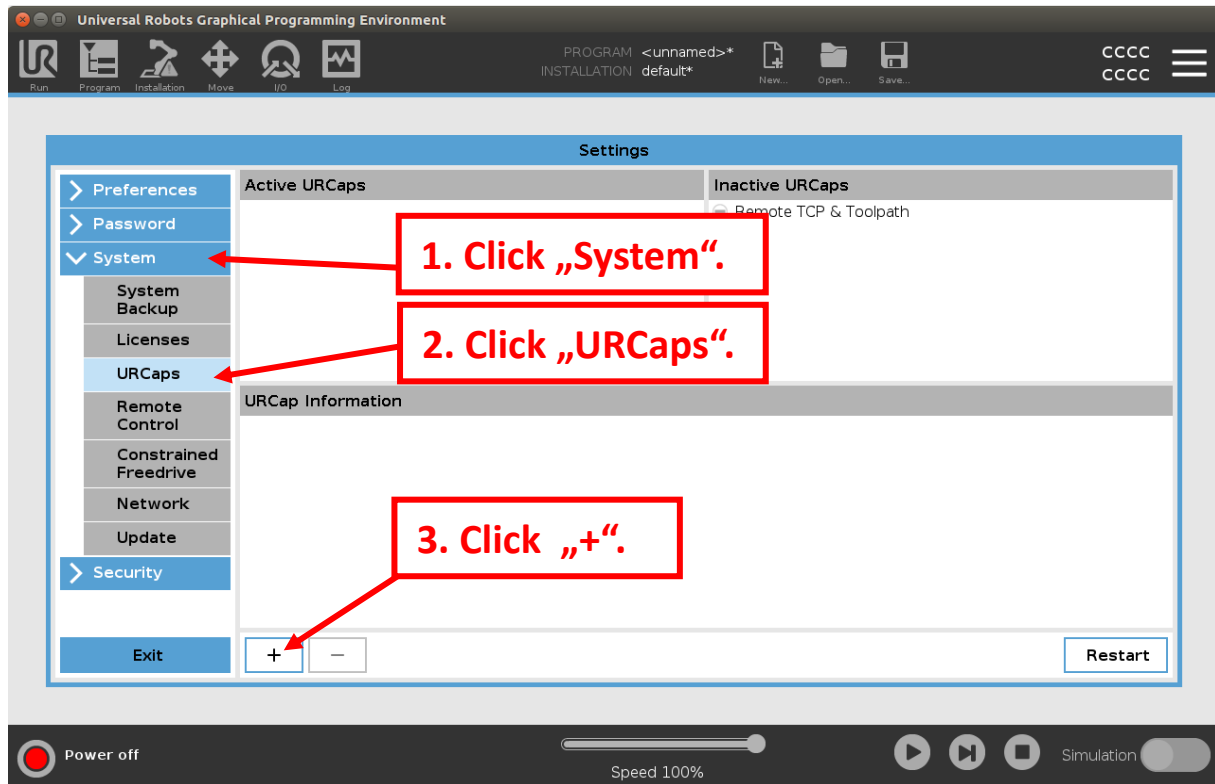
Step 2: Installation of UR CAP

Insert USB-Stick.



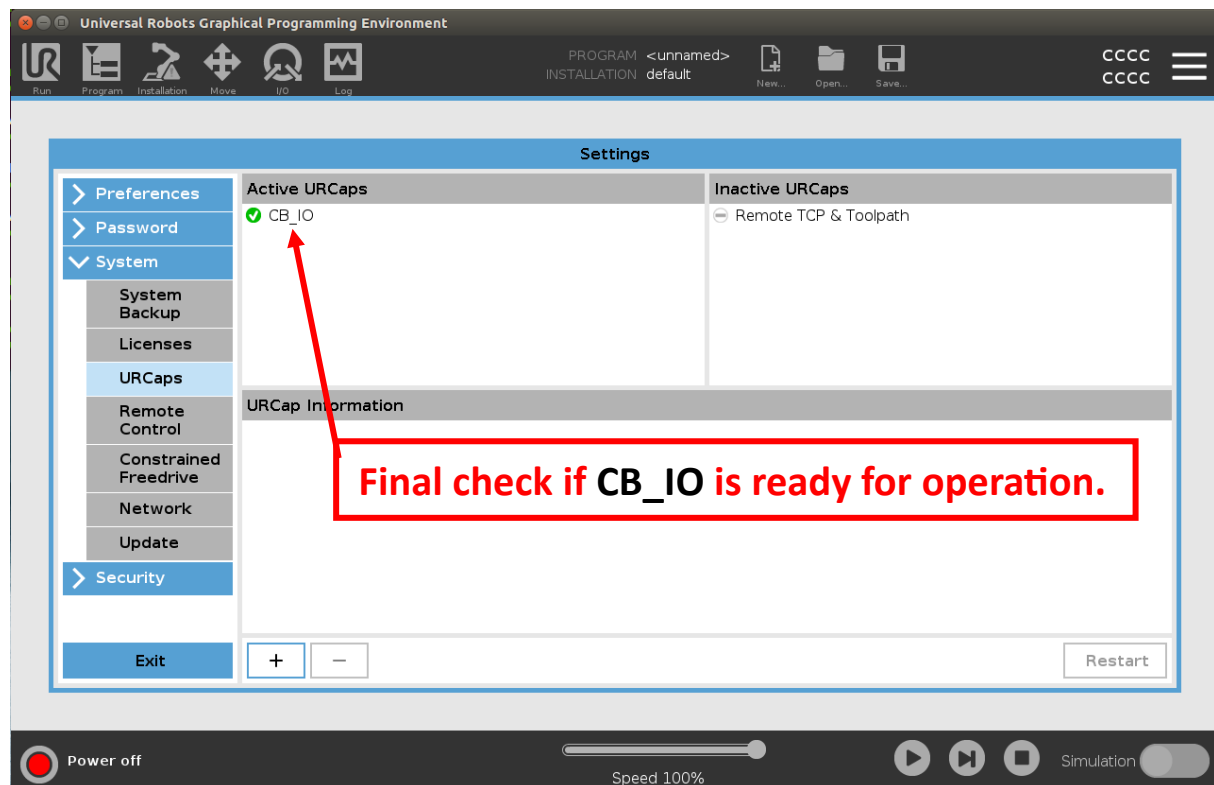
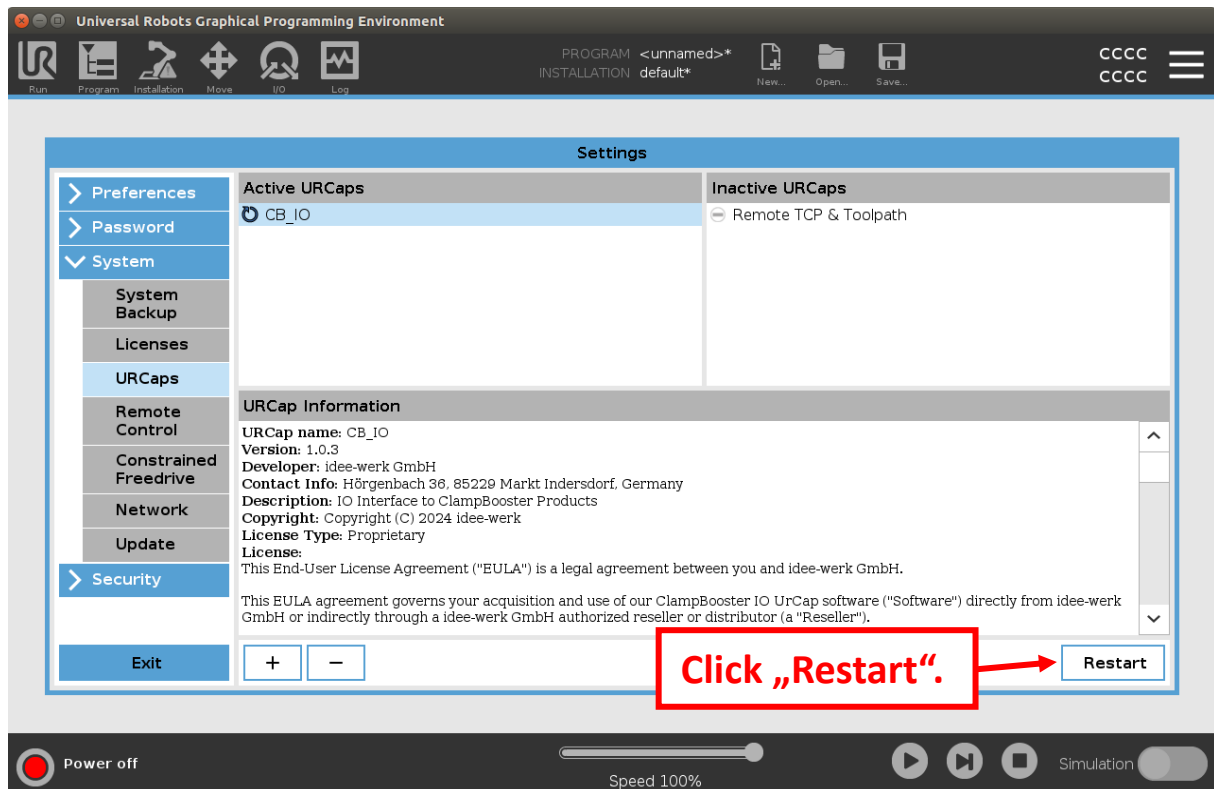
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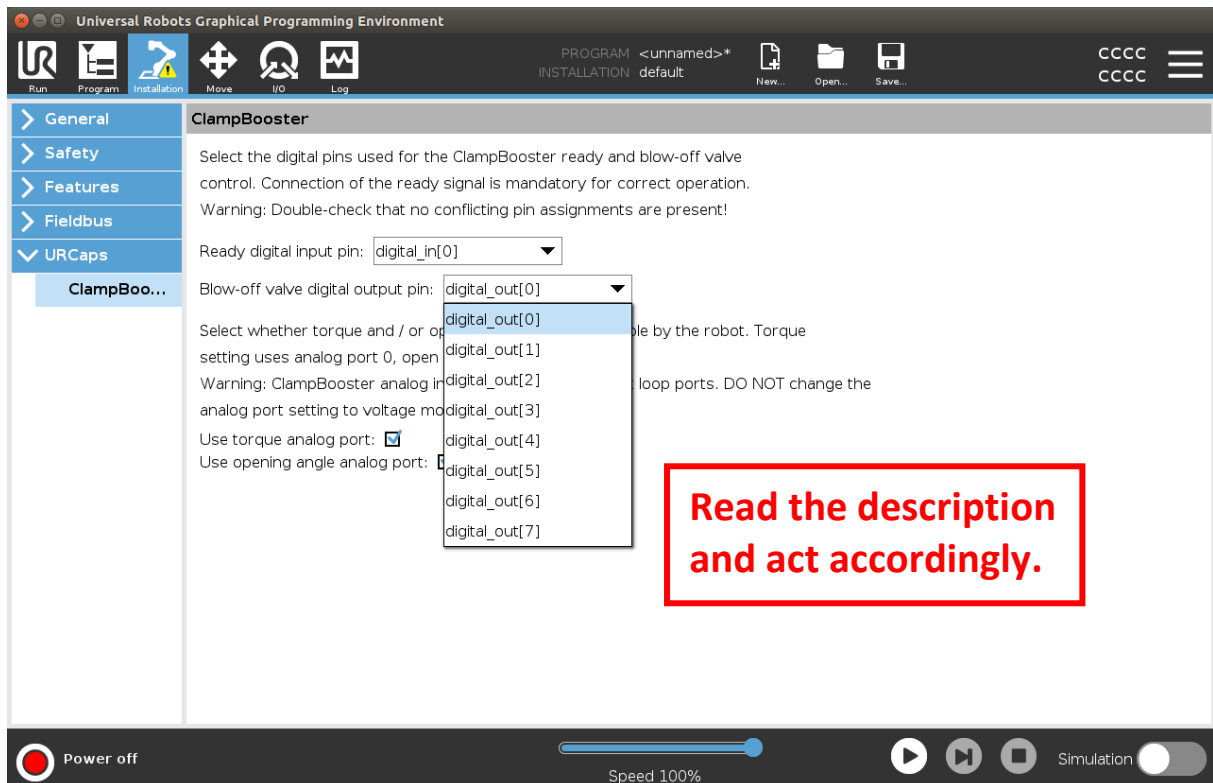
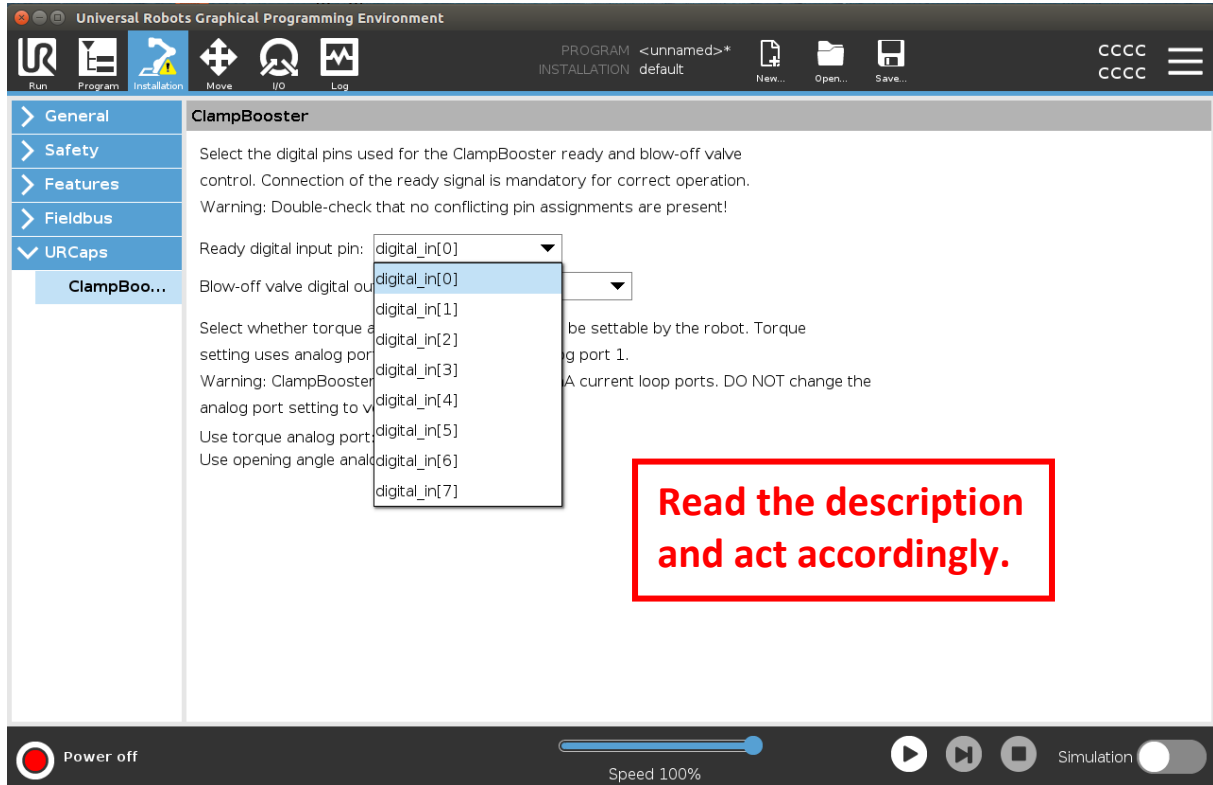


Congratulations! The installation of UR Cap is now complete.

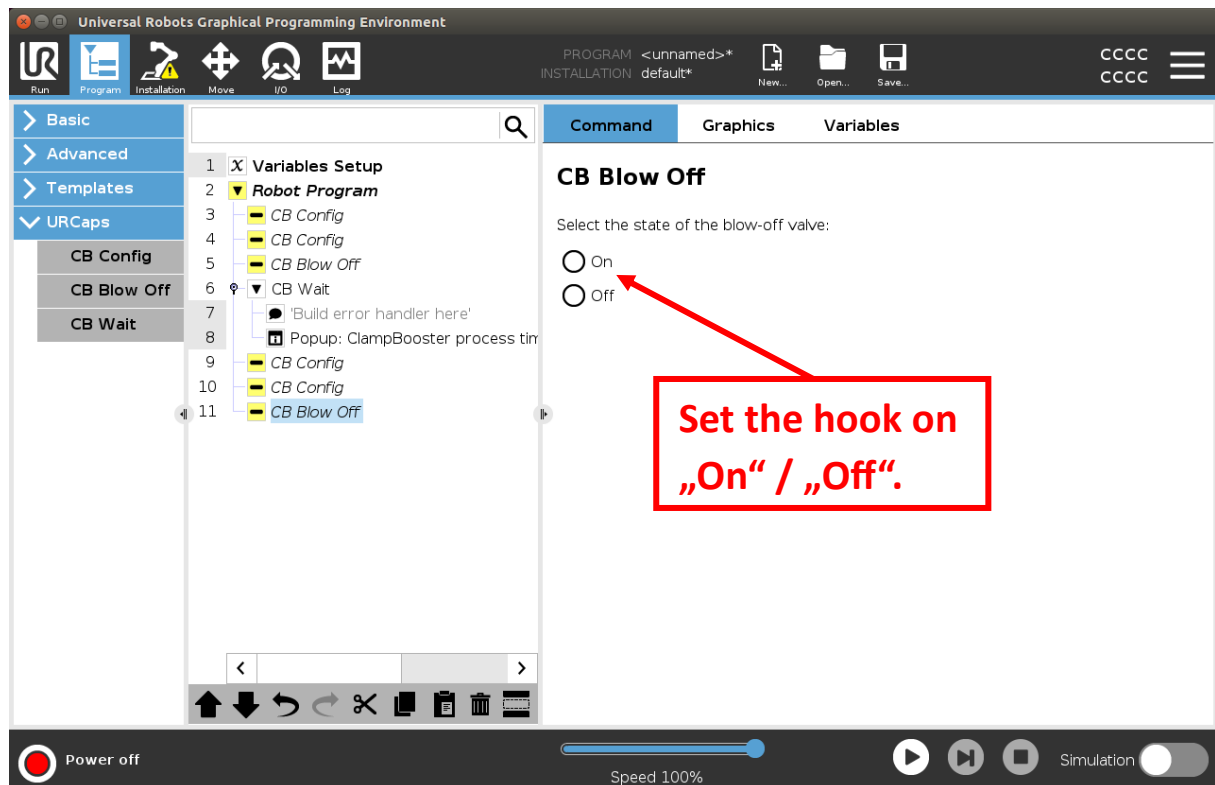
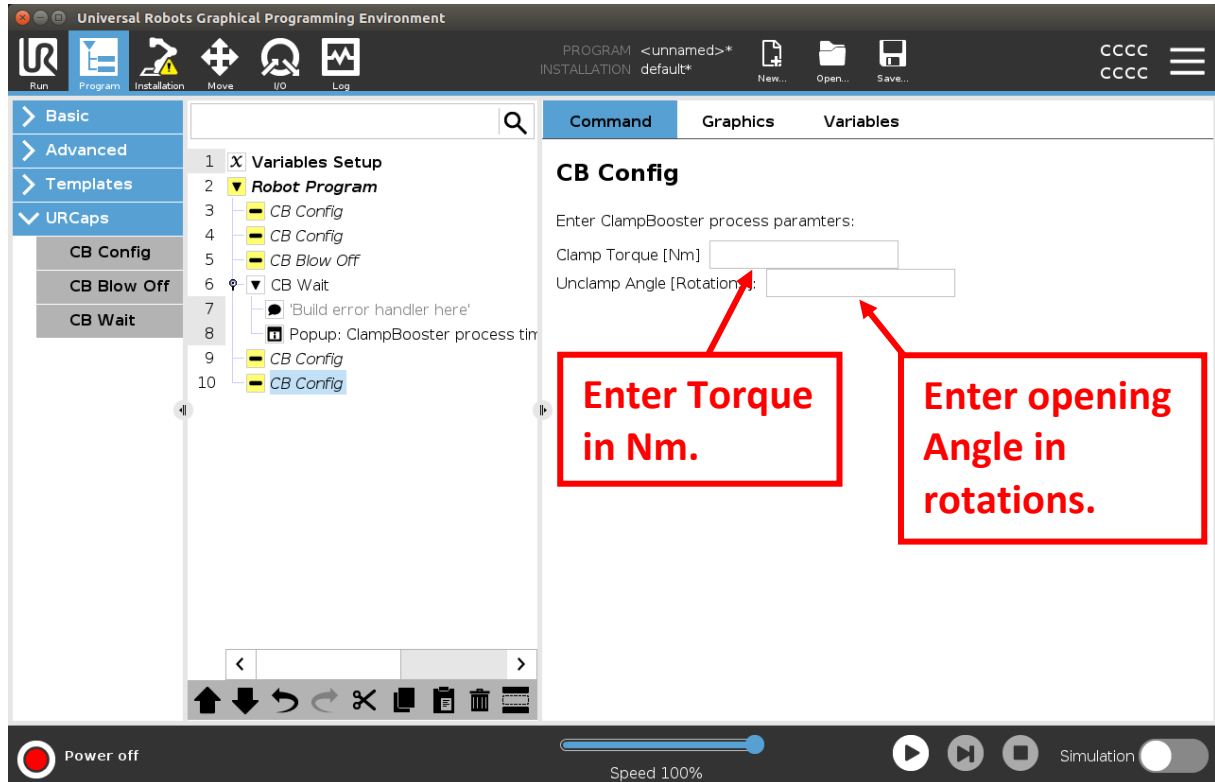
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Step 3: Configuration Settings



Step 4: CLAMPBOOSTER node configuration



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