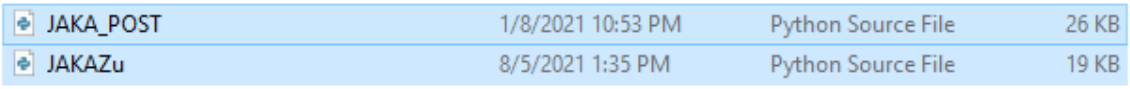
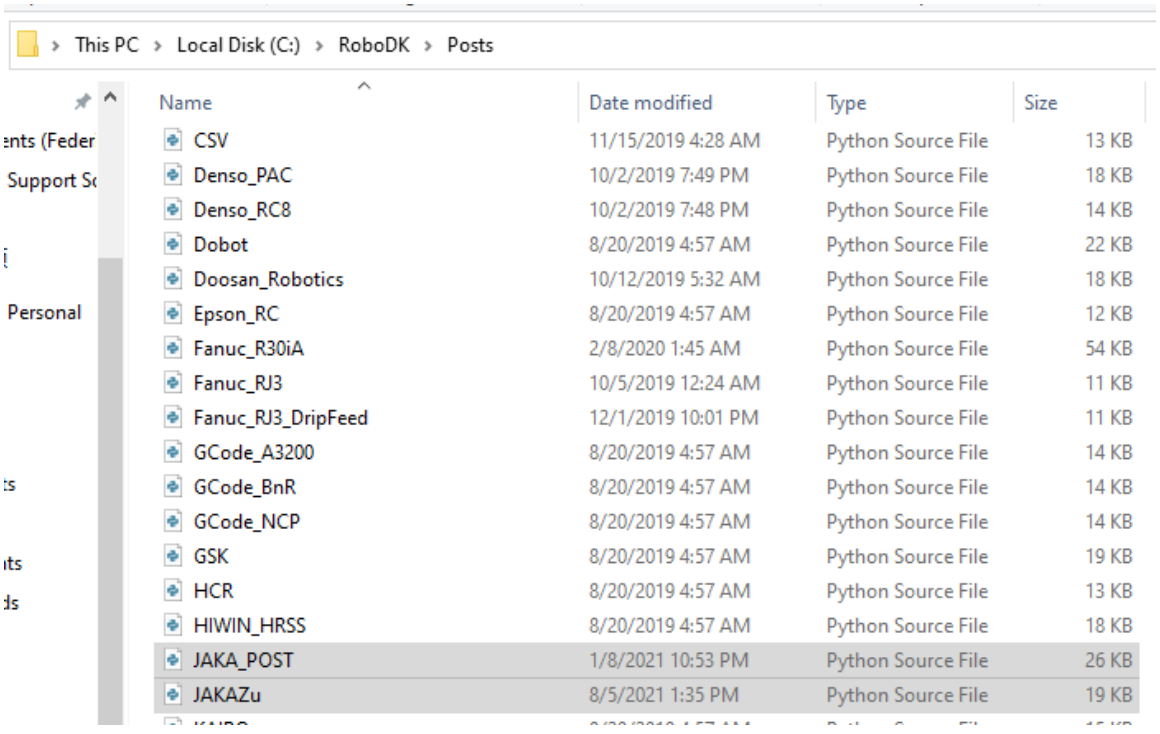
RoboDK JAKA Post-Processor Installation Manual

Part I: Installation.

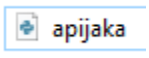
1. **Open the folder “Jaka Post-Processor Kit” and Copy JAKA_POST and JAKAZu files to your clipboard.**



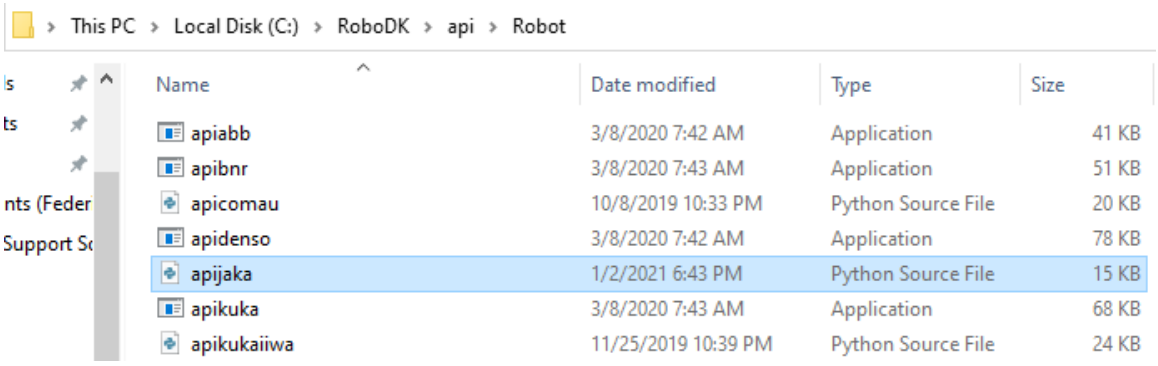
2. **Follow the Path and paste the files:**
   C:\RoboDK\Posts



3. **Open the folder “Jaka Post-Processor Kit”, go to “Driver” and Copy the file apijaka.py to your clipboard.**

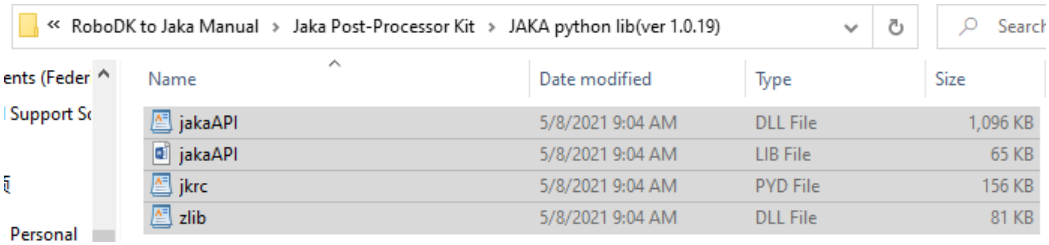


4. **Follow the Path and paste the files:**
   C:\RoboDK\api\Robot

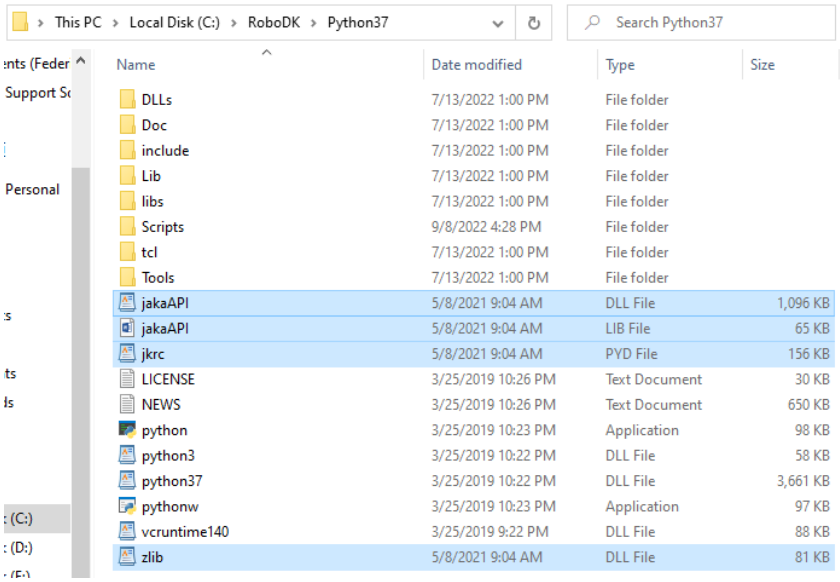


5. **Install l Python 3.7 64bit (It's the default version of Python for RoboDK, and our JAKA Driver Relies on it)**

6. **Open the folder "Jaka Post-Processor Kit" and Copy the files jakaAPI.DLL, jakaAPI.LIB, jkrc, and zlib.**

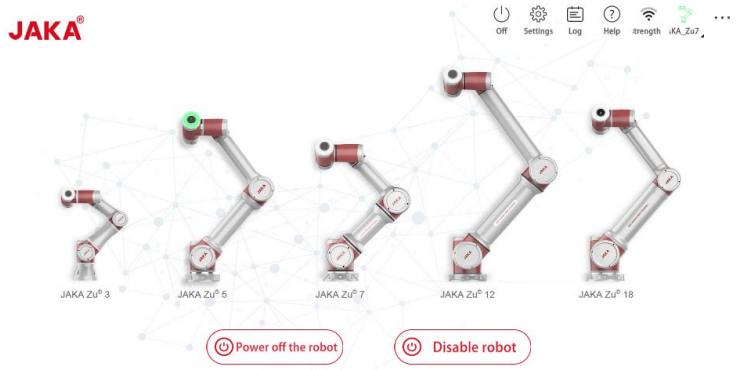


7. **Follow the Path and paste the files:**
   C:\RoboDK\Python37



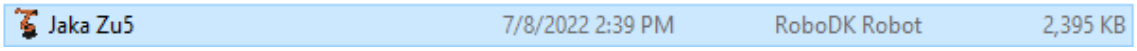
Part II: Connection

1. **Turn on the robot and enable it using the jakapp.**



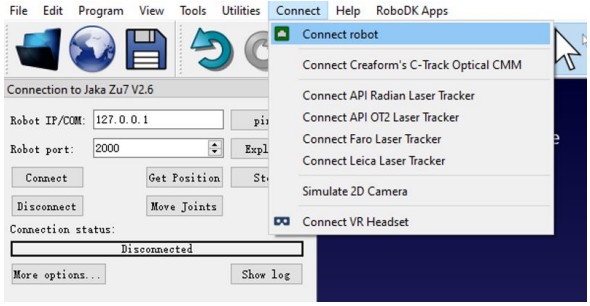
2. **Open the RoboDK App.**

3. **Open the robot model you are using. Example: Zu 5**

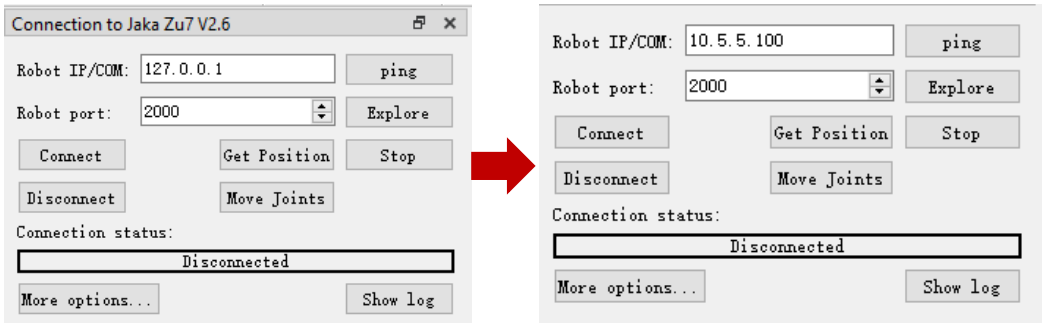


4. **Follow the Path:**

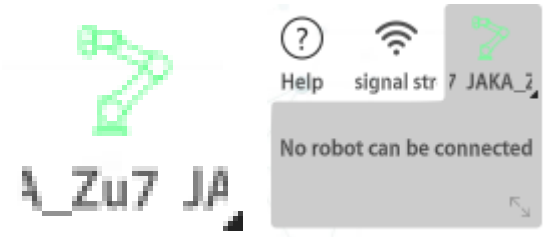
Connect→Connect robot



5. **The following window will pop-up, change the robot IP according to the IP of your robot.**



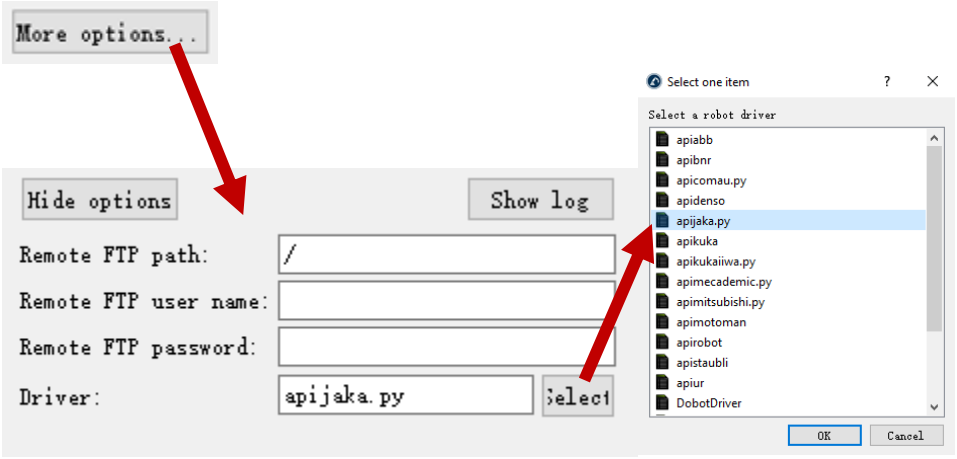
Note: you can get the IP of your robot from here.



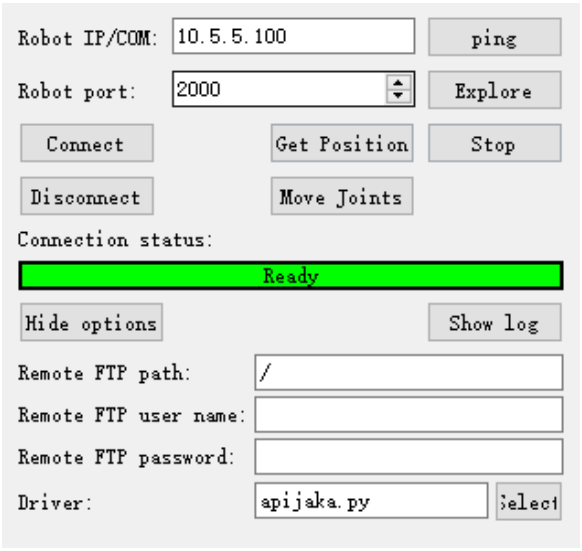
Robot ID	Robot name	Robot IP	Control version	Status
Zu5120893	JAKA_Zu7	10.5.5.100	1.5.13_27_X86	Connected

6. **The port can be any port value available on your PC.**

7. **Click more options and Chooseapijaka.py as the driver.**



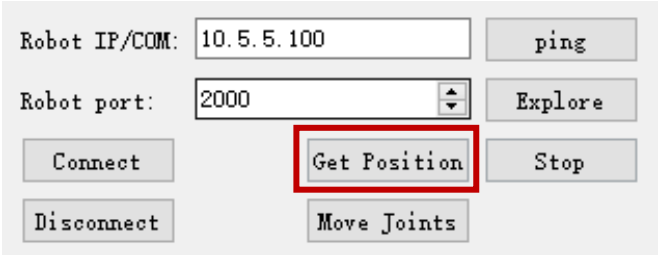
8. **Now connect**

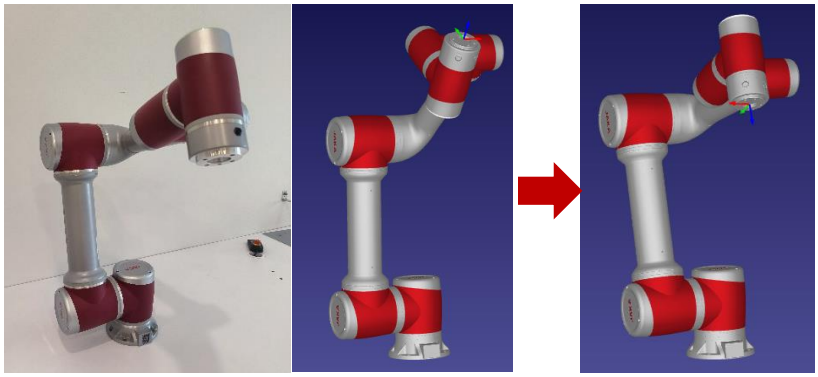


You have successfully connected the Robot now.

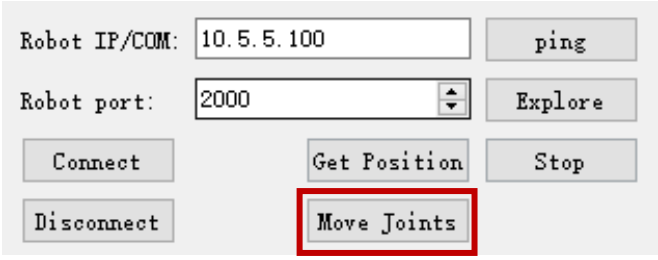
Part III: Testing

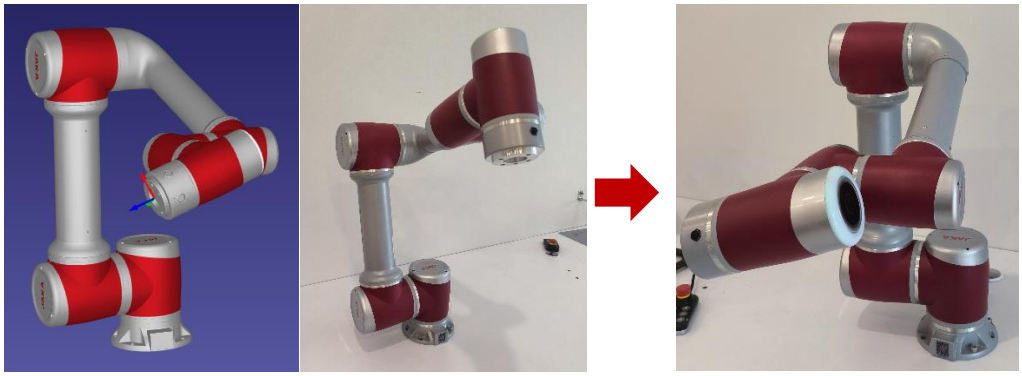
1. **Get Position will make the RoboDK robot to move to the position of the real Jaka Robot.**



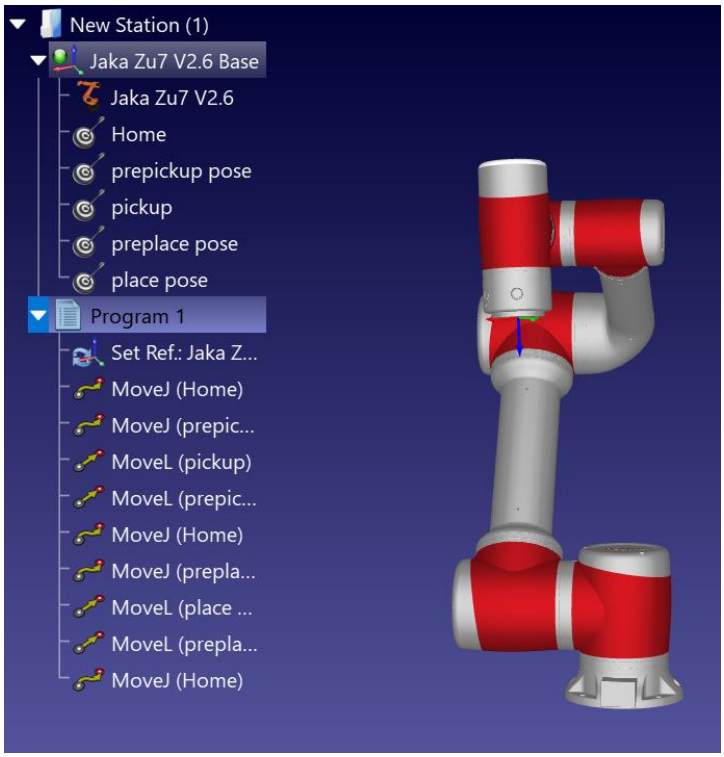


2. **Move Joints will make the real Jaka Robot move to the position in RoboDK.**

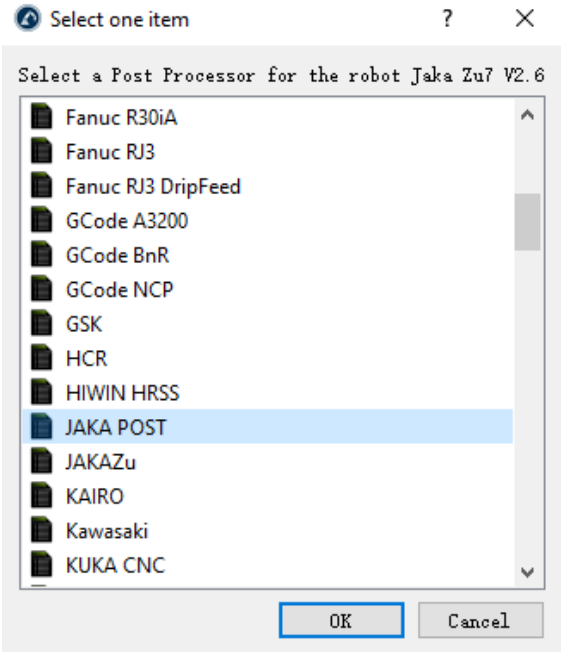




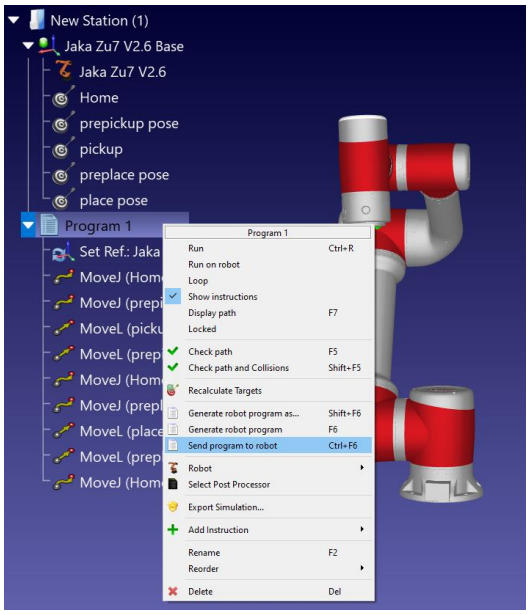
3. **Now select your RoboDK program.**



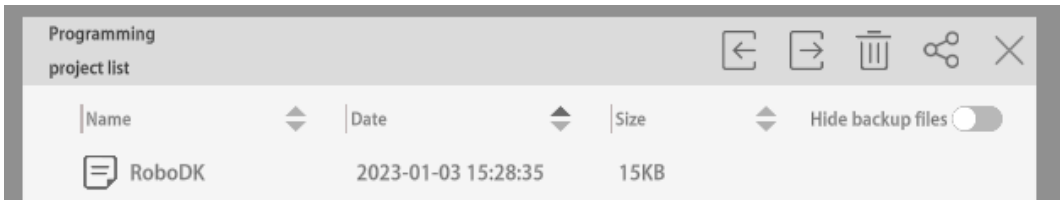
4. **In order to send the program from RoboDK to the Jaka App you need to right click the program or robot and select JAKA POST as the post processor.**



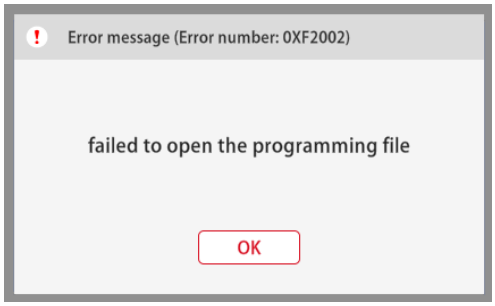
5. **Now proceed to send the program to the robot.**



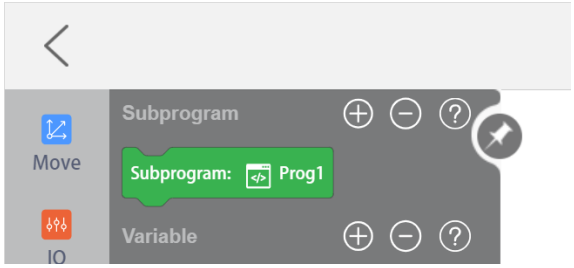
6. **Now go to the Jaka App and follow the path: Programming Control→project list→RoboDK**

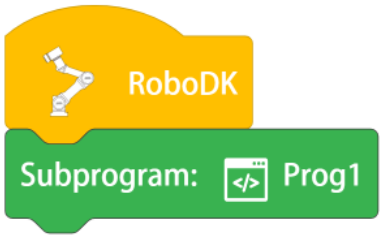


7. **Ignore the error message 0XF2002**

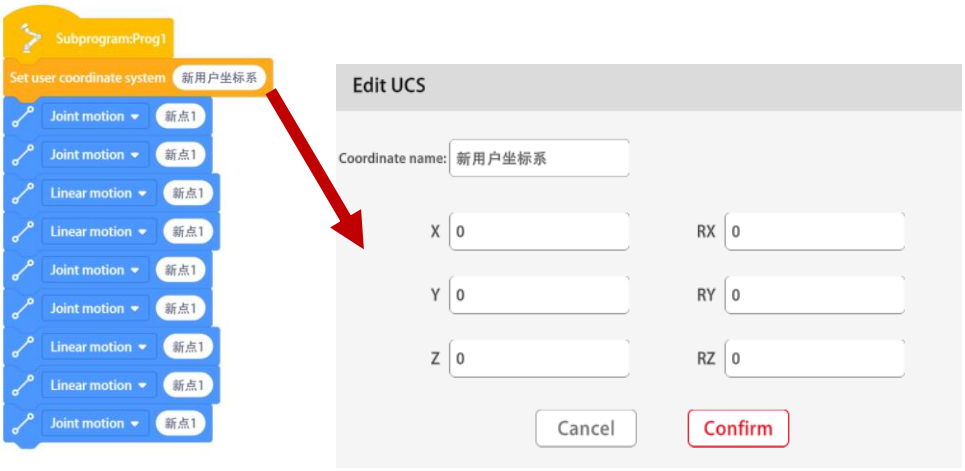


8. **Go to Sub→Sub Program. Then grab the program from the list.**





9. **Double click the subprogram and verify that the user coordinates and TCP are correct. If some data appears empty, you need to fill the information manually.**



10. **Now you are ready to run your program in the Jaka App.**