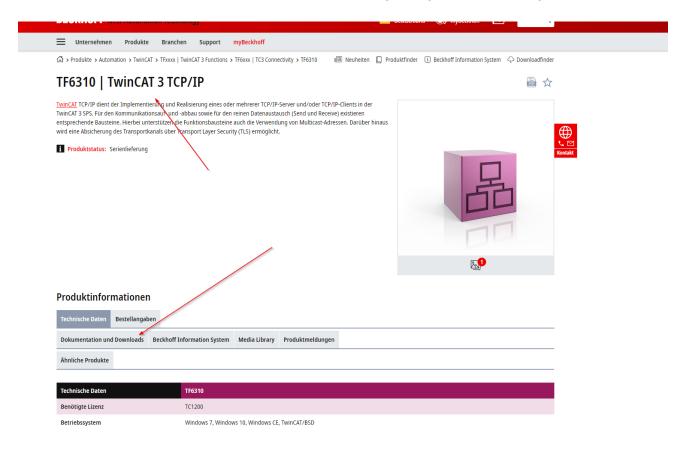
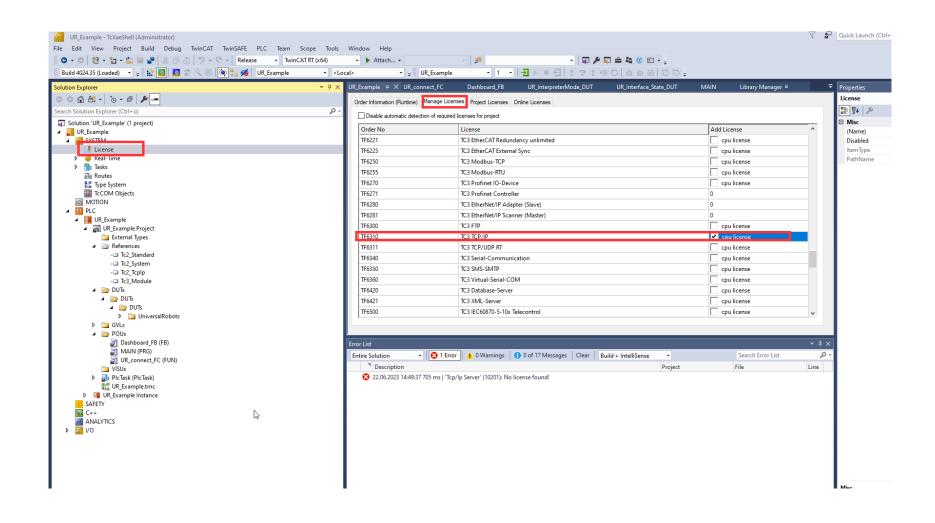
#### TF6310

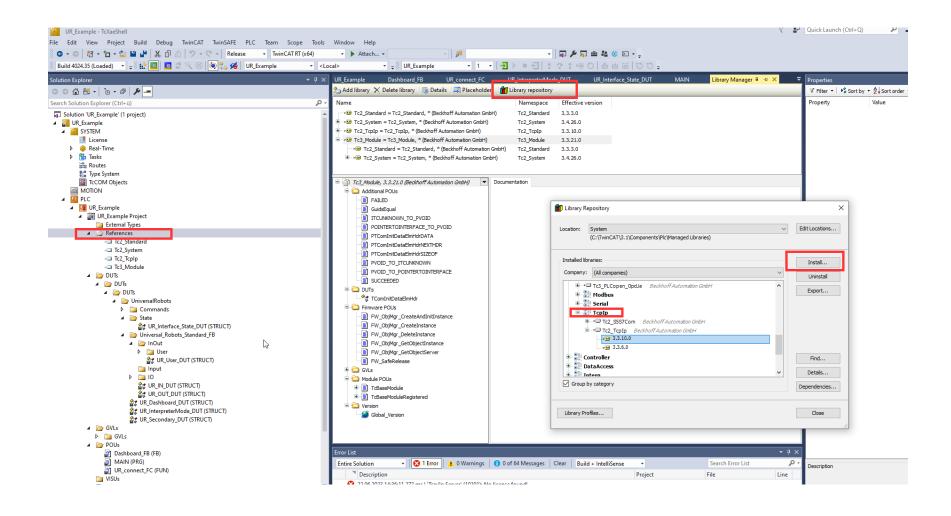
 Before Using the UR example you have to install for all socket communications the tcp/ip library



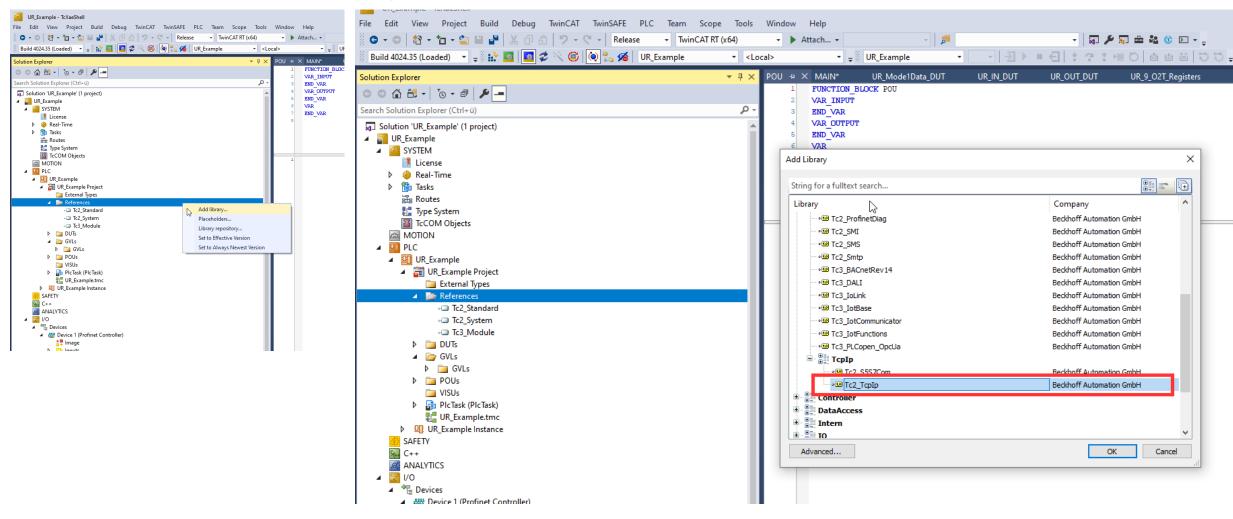
## Get Trial license for if needed



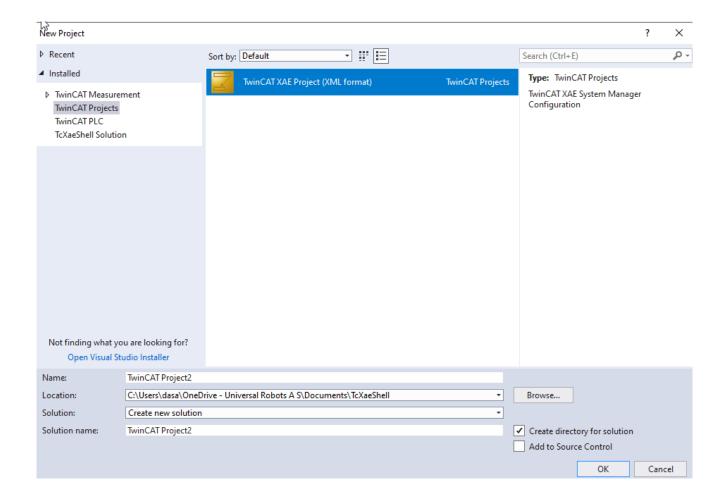
# Install library Tc2\_TcpIp (Communication)

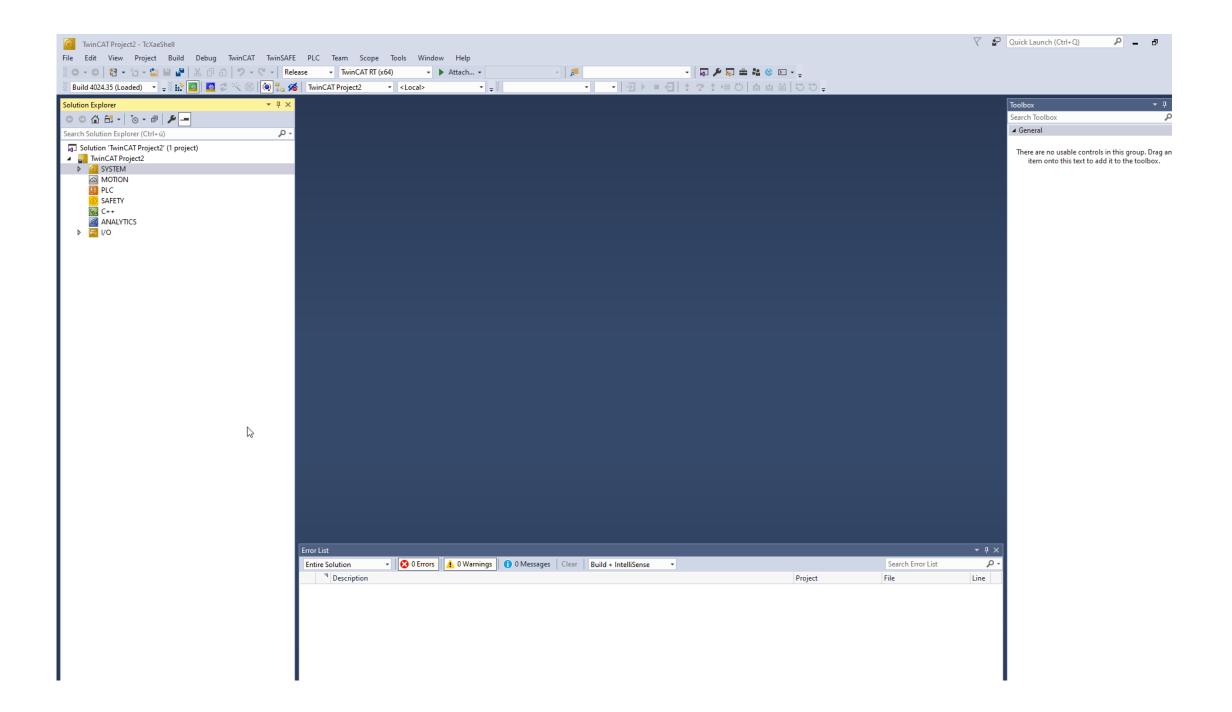


# add Tc2\_TcpIp (Communication) library it is necessary for all TCP communications



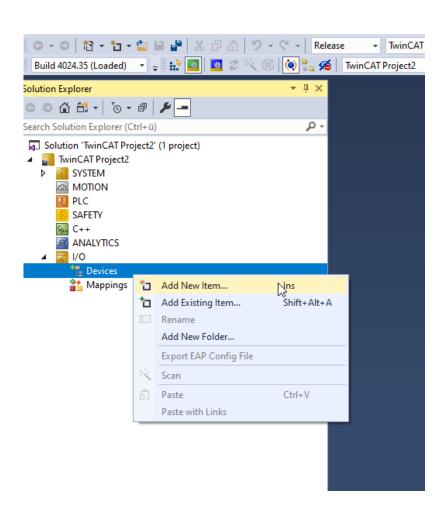
# Create new project



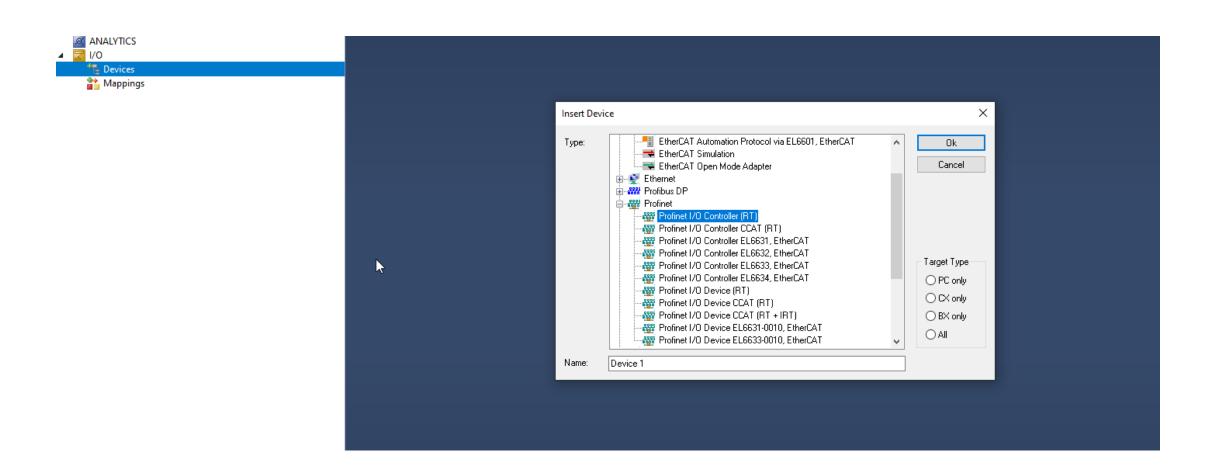


# Config for profinet controller (RT)

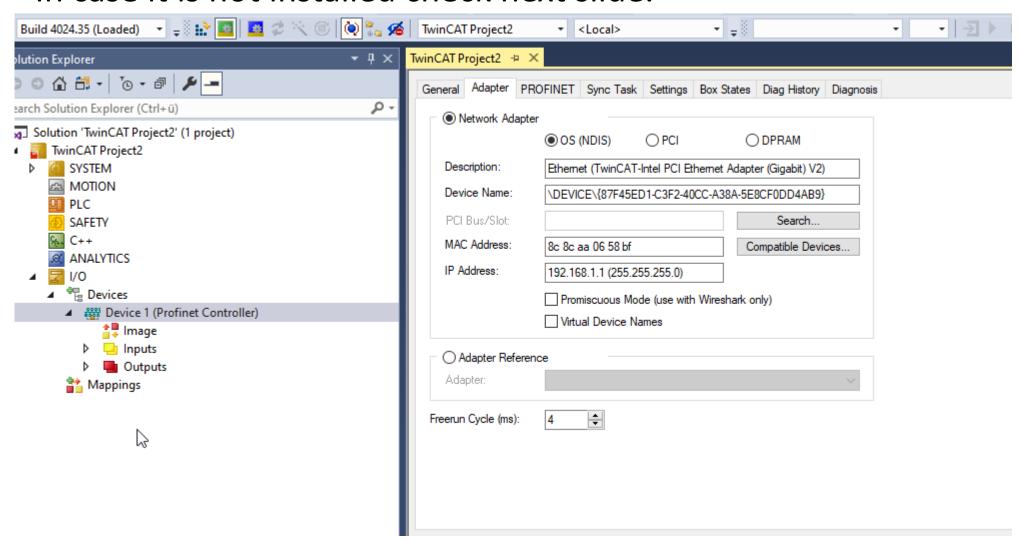
Add new item to devices



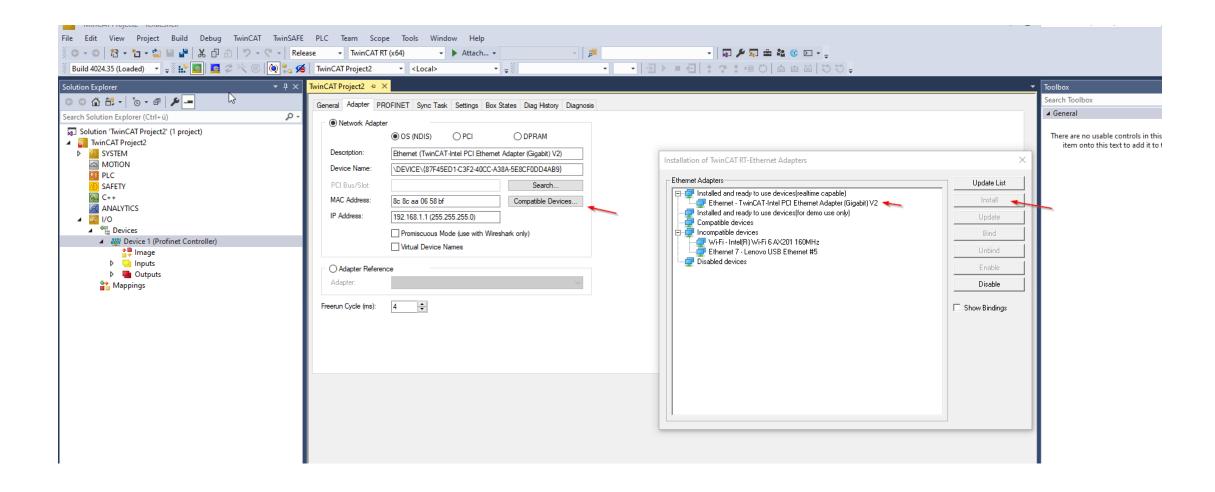
# Add profinet IO controller RT



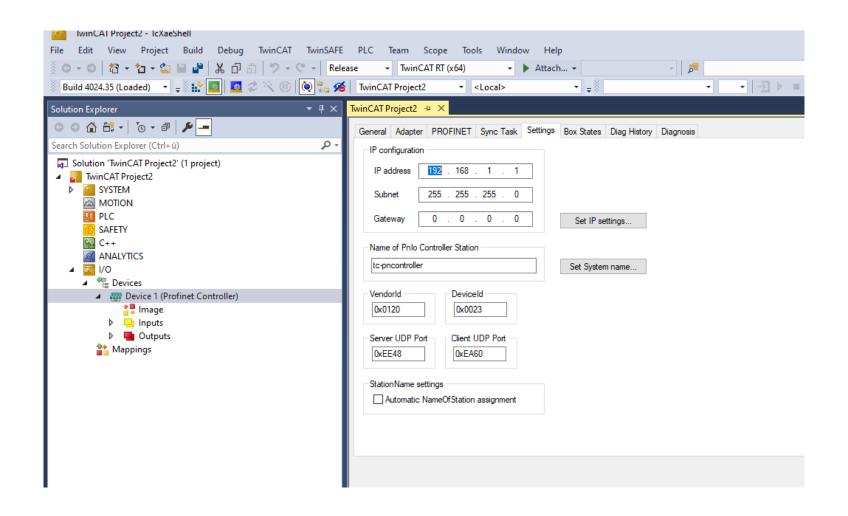
- If ethernet driver already installed choose your prefered ethernet slot (PLC/Laptop) and skip next slide
- In case it is not installed check next slide.



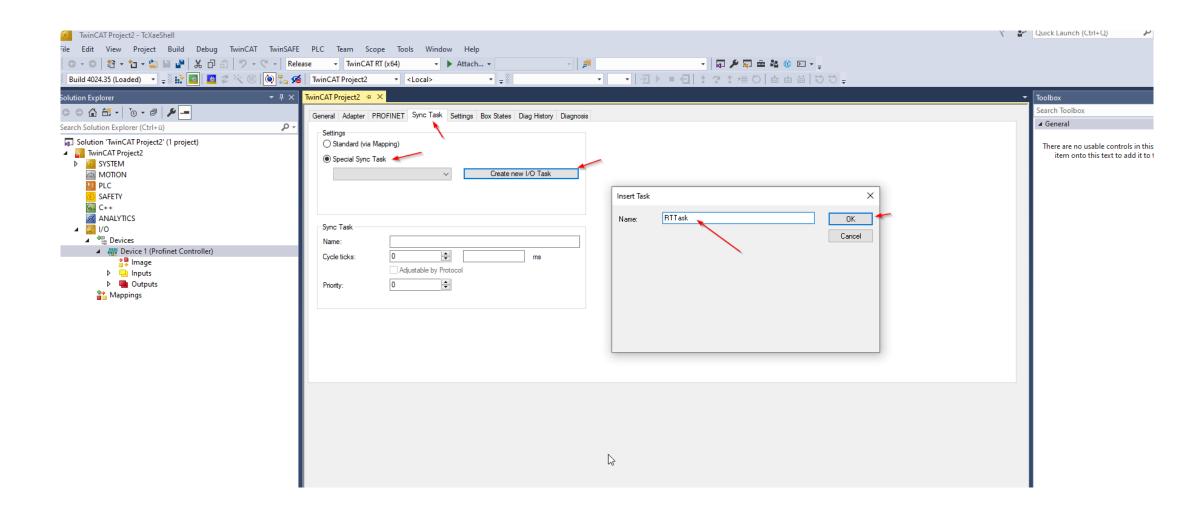
#### in case driver is not installed



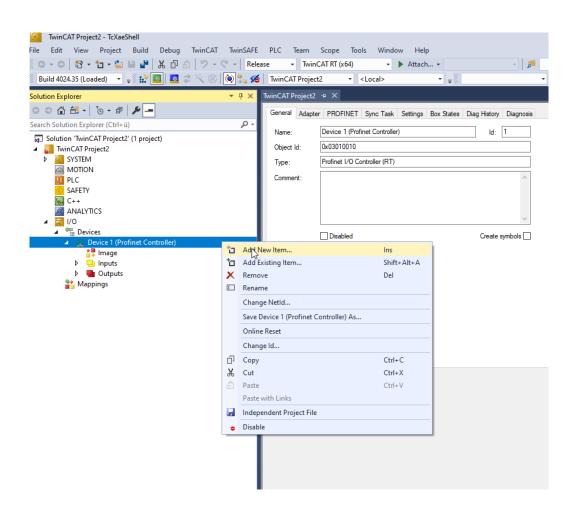
# First setup ip configs of PN Controller

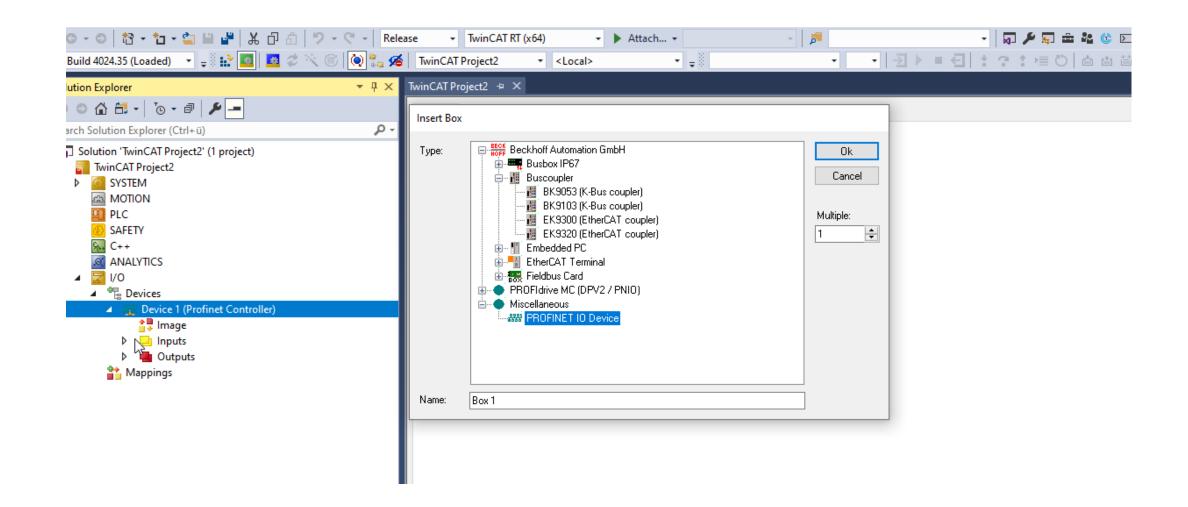


#### Create new task



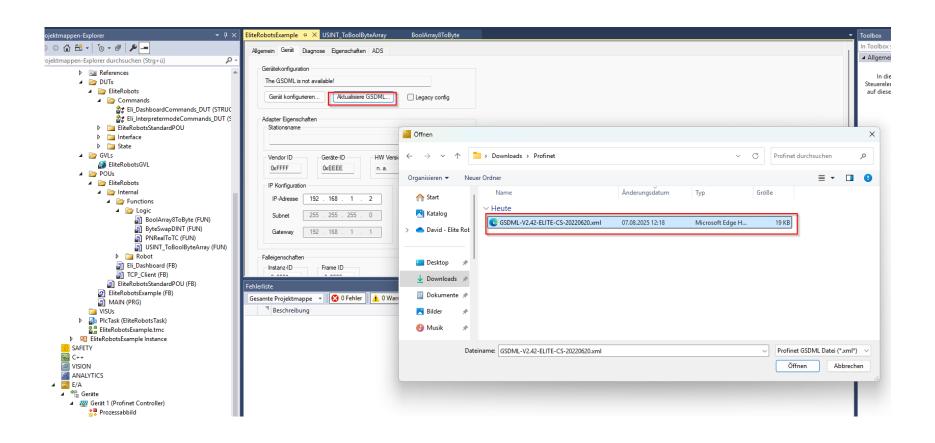
# Add new IO Device (Elite Robot)



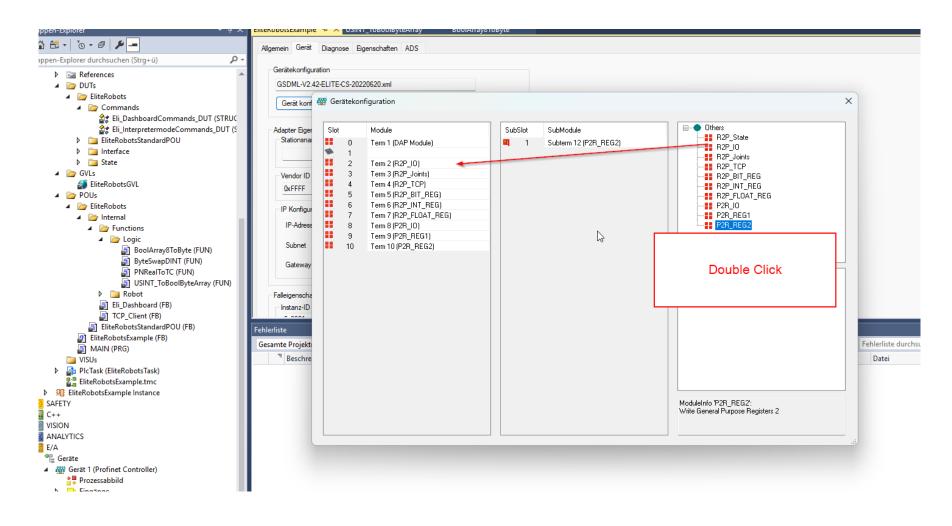


## Elite Robots GSDML

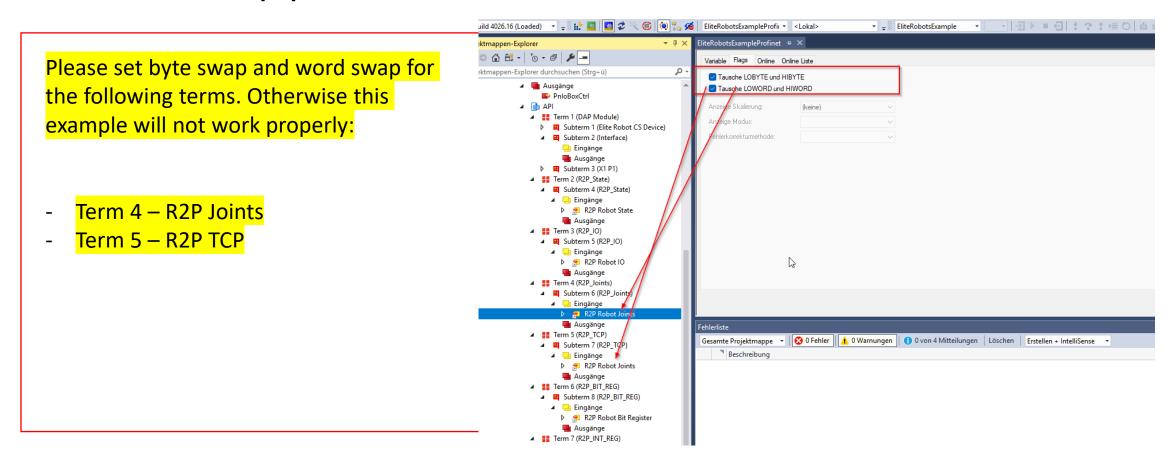
https://drive.google.com/drive/folders/19iEYDHPIDb w2uvXu10W milTQrTnT F



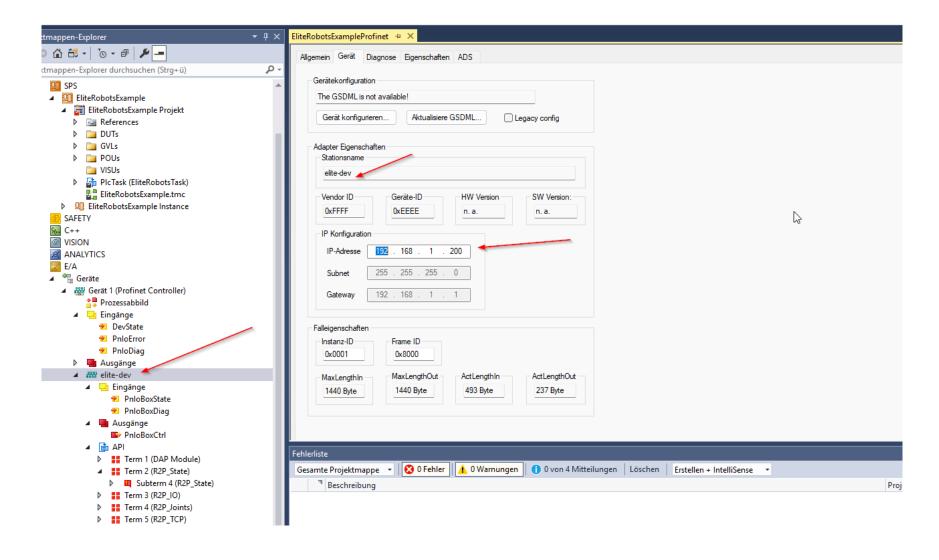
## Device config. Choose all of them



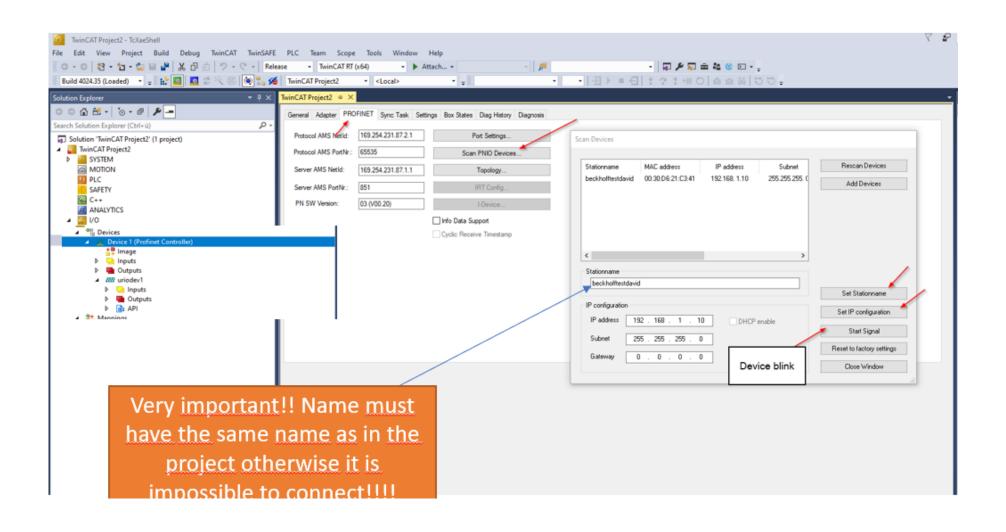
# Due to the Intel standard some registers have to be swapped to the motorola standard



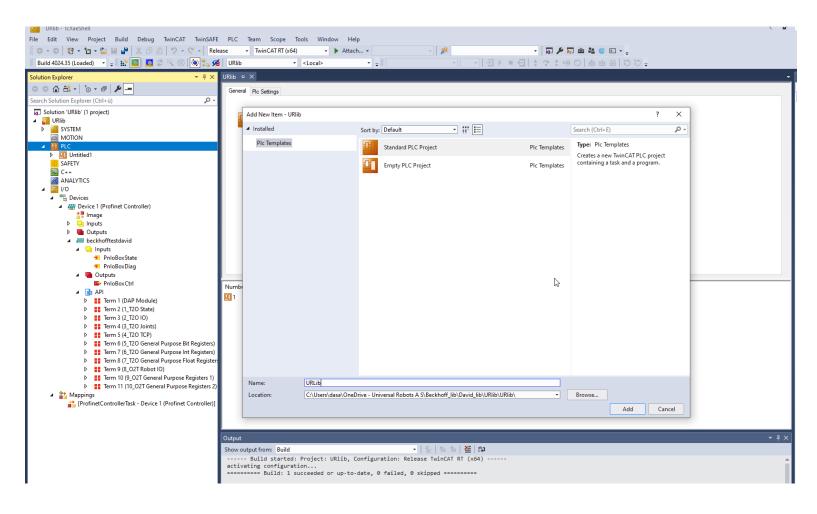
# IP config and choose stationname



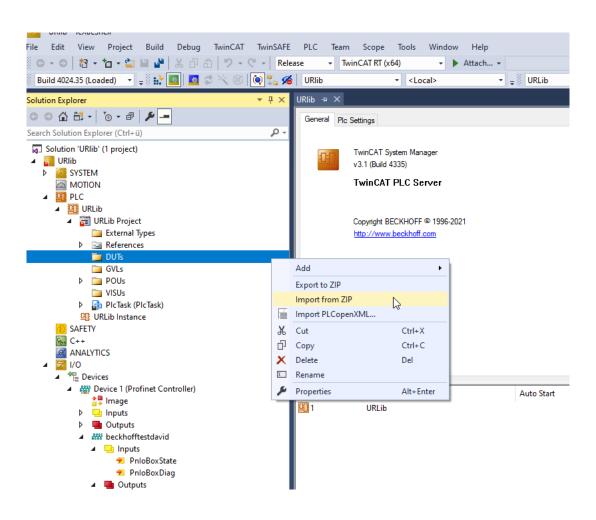
# Search for your Robot and set configs



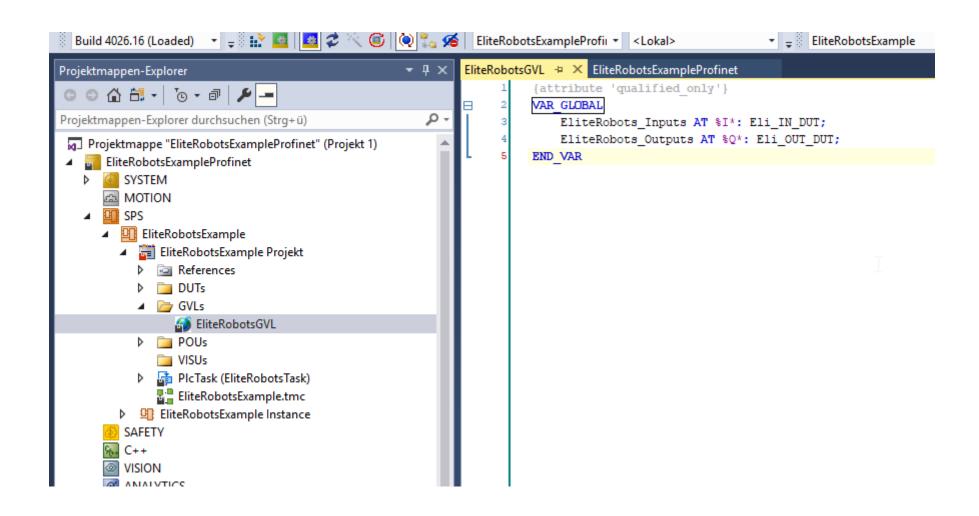
# Right click on plc and create new standard project



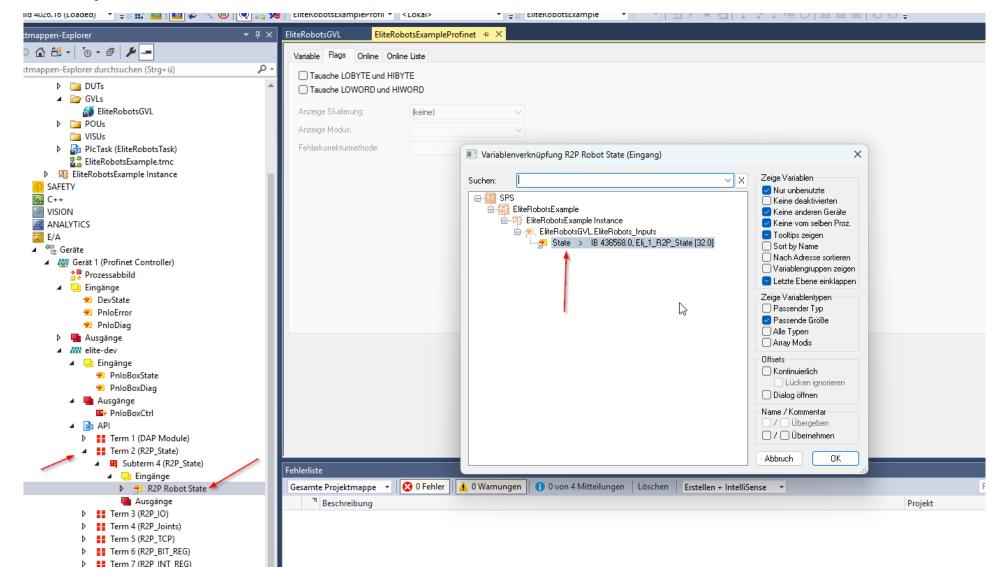
# UDT / DUTS import



# Create some variables for example in GVL



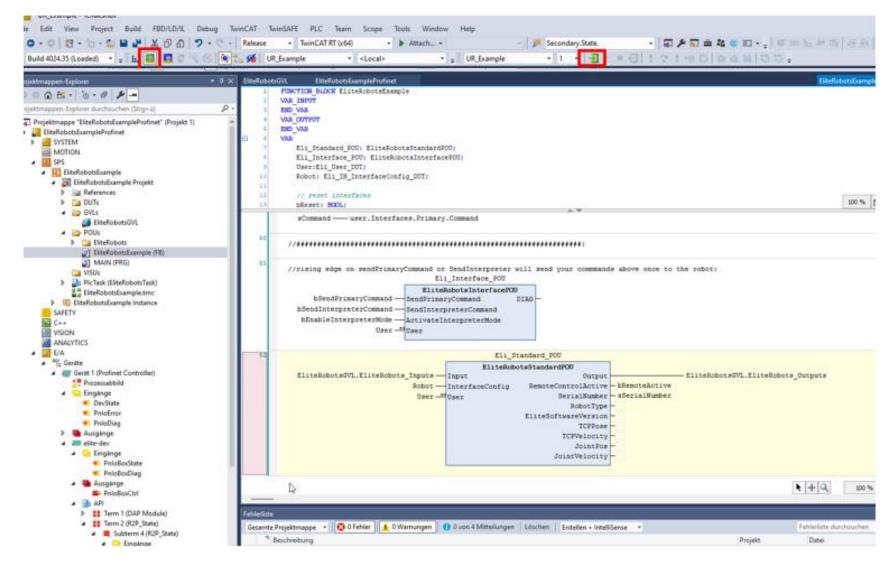
## Map all robot API Terms



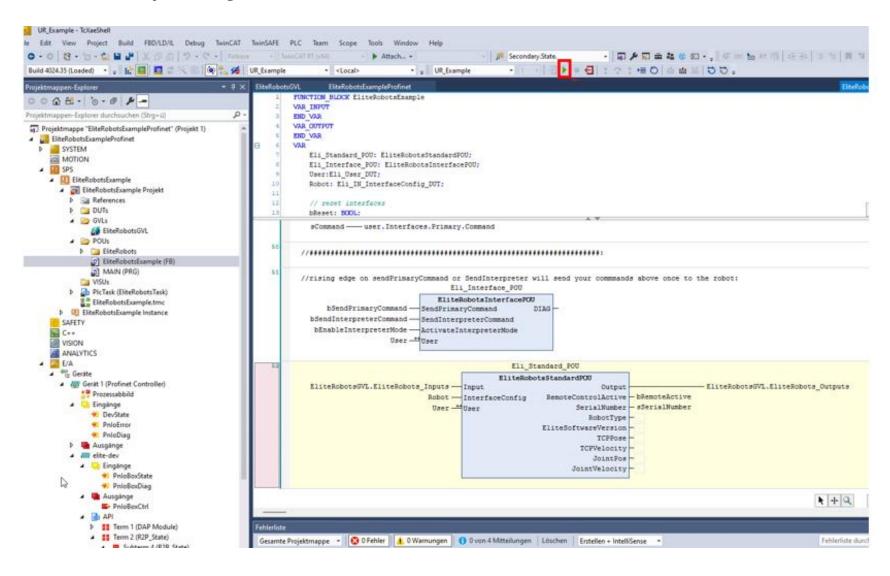
## How to use Elite Robots-Example

- 1. Install TF6310 as shown in (0. TCP/IP Beckhoff info)
- 2. enable Profinet at your Robot
- 3. set robot to remote control
- 4. open the project
- 5. Set up IP configuration as showed in (2. Profinet Controller settings with EliteRobots)
- 6. start the project

## Start project



## Start project



## Reset all connections

