HOW TO NOT TO ROTATE EOAT WHILE REFERENCING

EPIK / UNIK

HY ROBOTICS

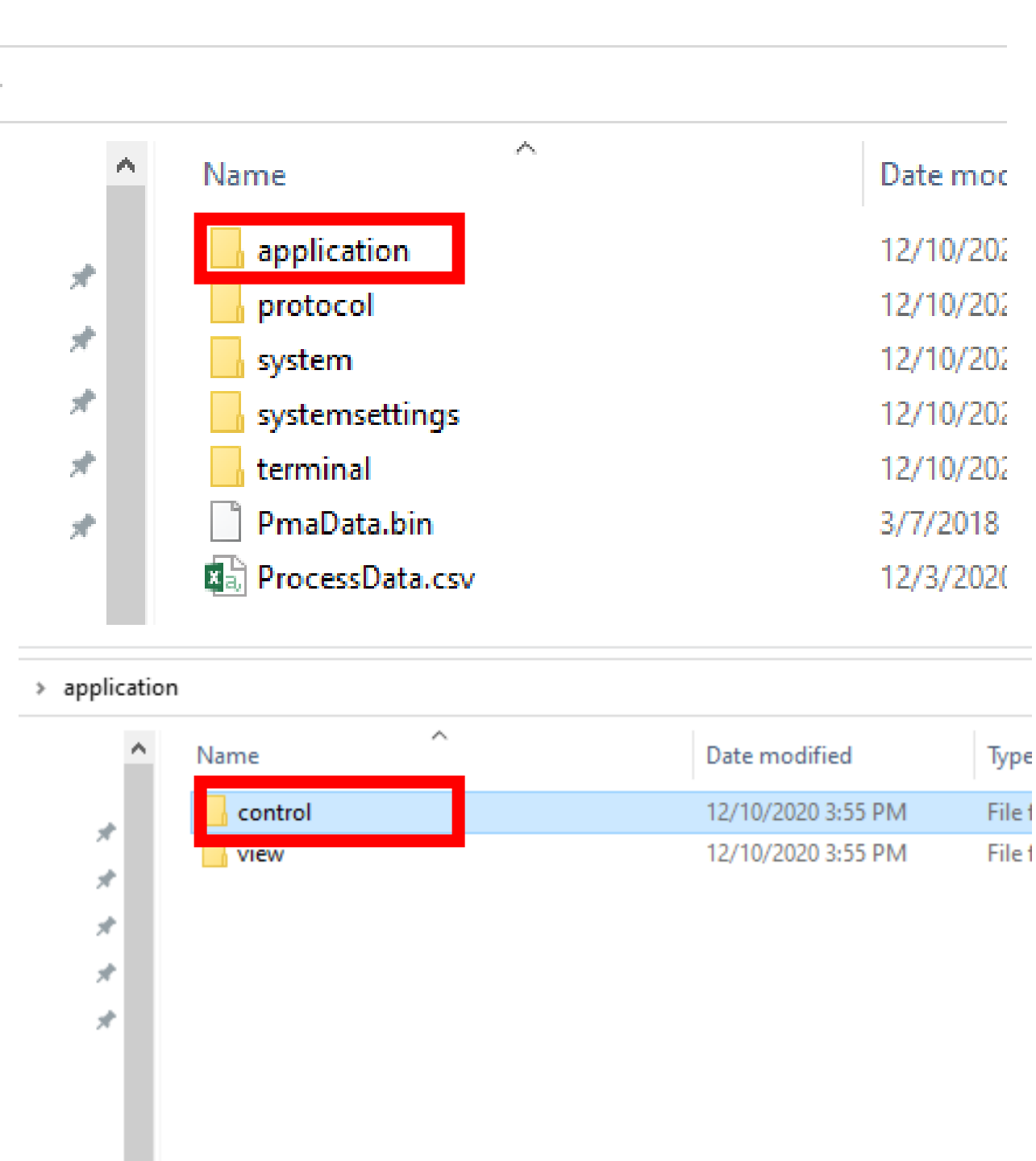
Take out SD card from the robot PLC

Connect it to the PC

Before moving on to the next step,

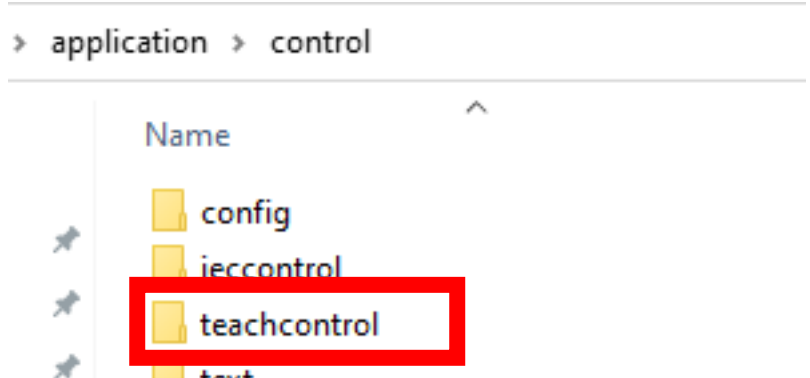
PLEASE BACK UP the data

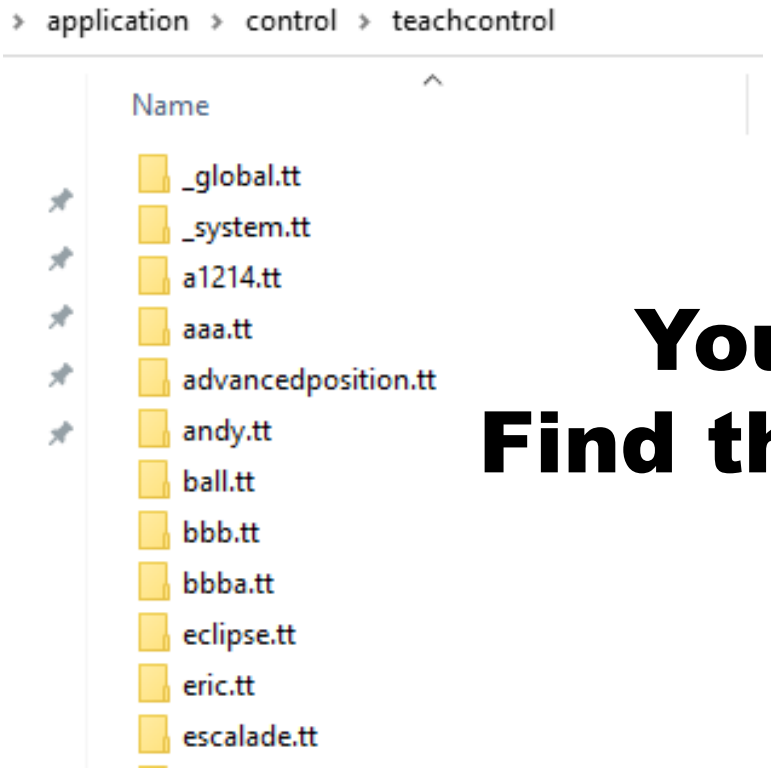
into your PC or another SD card.



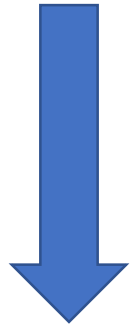
<Application>

<Control>

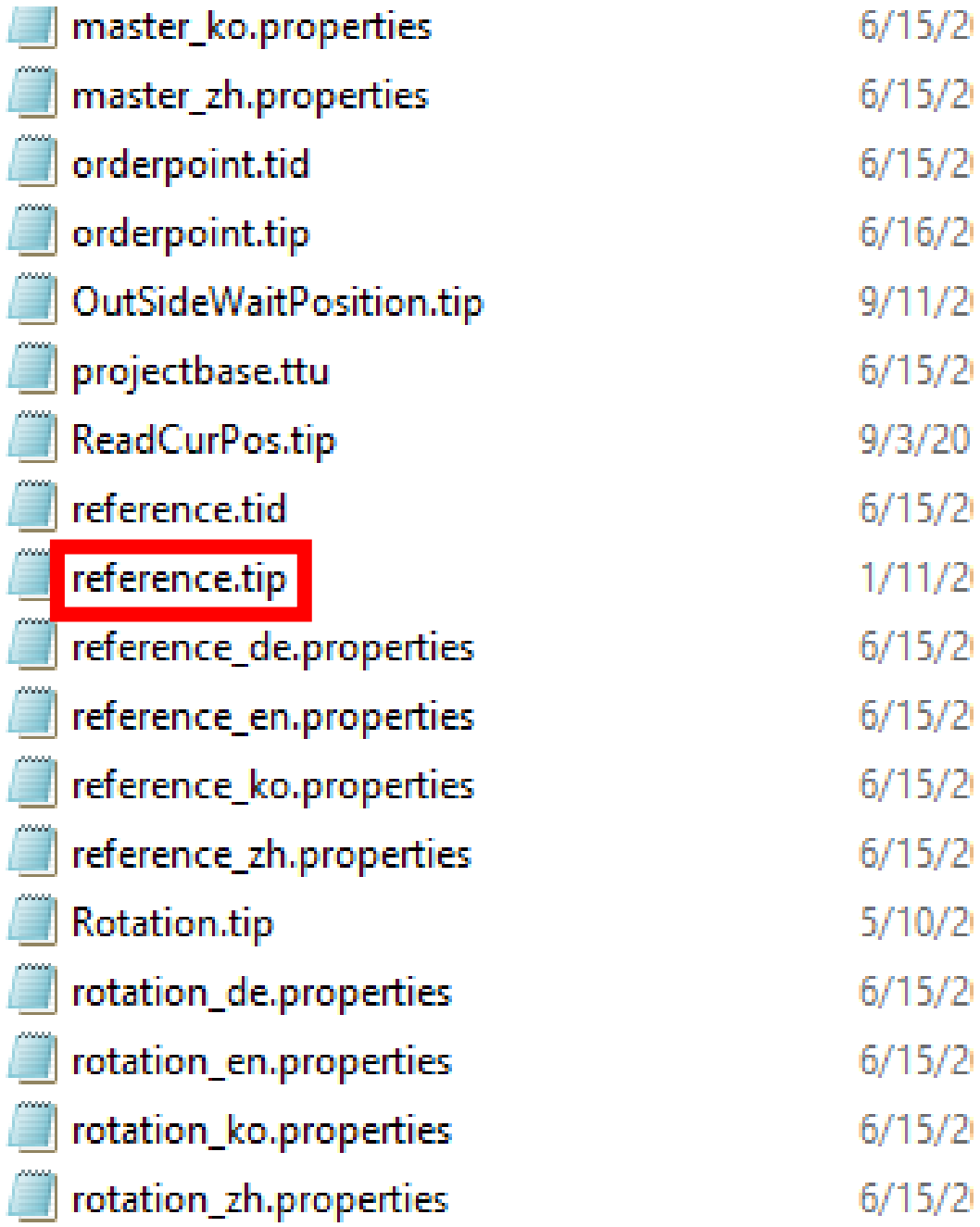




<teachcontrol>



You will see mold project file folders.
Find the mold file folder you want to modify.



Find “reference.tip”

Open it with Notepad app

reference.tip - Notepad

File Edit Format View Help

```
// KAIROVersion 2.00
iWaitingID := 330
SetDO(douRotation,OFF)
SetDO(douRotationReturn,OFF)

DeclareRobotUnreferenced()

IF RobotState.nrOfAuxAxis >= 2 THEN
   RefRobotAxisHY(Aux2, rArrayHomOffset[4], vAxis5,
END_IF
RefRobotAxisHY(A3, rArrayHomOffset[2], vAxis3, digMa

IF digMainArmKickOriigin.val = FALSE THEN
 IF RobotState.nrOfAuxAxis >= 1 THEN
    RefRobotAxisHY(Aux1, rArrayHomOffset[3], vAxis4
 END_IF
   RefRobotAxisHY(A2, rArrayHomOffset[1], vAxis2, di
ELSE
   RefRobotAxisHY(A2, rArrayHomOffset[1], vAxis2, di
   IF RobotState.nrOfAuxAxis >= 1 THEN
      RefRobotAxisHY(Aux1, rArrayHomOffset[3], vAxis
   END_IF
END_IF

bNoRotationWhileMoving:=TRUE
CALL Rotation()

RefRobotAxisHY(A1, rArrayHomOffset[0], vA
iWaitingID := 1000
CALL homing()
```

Find “CALL Rotation()”

Add “##” in the front and "Save" it

```
bNoRotationWhileMoving:=TRUE
##CALL Rotation()

RefRobotAxisHY(A1, rArrayHomO
```

Insert SD card to the robot
And turn it on

Confirm the direction of the SD card.

If you forcibly insert the memory card in the wrong direction, the memory card, memory card slot on the robot, or image data may be damaged.

CAUTION

Always back up the files first before you editing them

1. **This modification ONLY applies to the mold file you selected, not apply to other mold files.**

2. **If you want to add new mold file with no rotation, we strongly recommend you to duplicate it (copy).**

3. **Do not change and edit any other files without permission.**

If you have any questions, email us at sales@hyrobotics.com