



Connection to KUKA KR 6 R700 sixx

Robot IP/COM: 172.31.1.147

Robot port: 7000

Connection status:

Ready

Remote FTP path: C:/KukaShared

Remote FTP user name: anonymous

Remote FTP password:

Driver: kukabridge

▼ New Station (1)

▼ KUKA KR 6 R700 sixx B...

 KUKA KR 6 R700 sixx

 Target 1

 Target 2

 Target 3

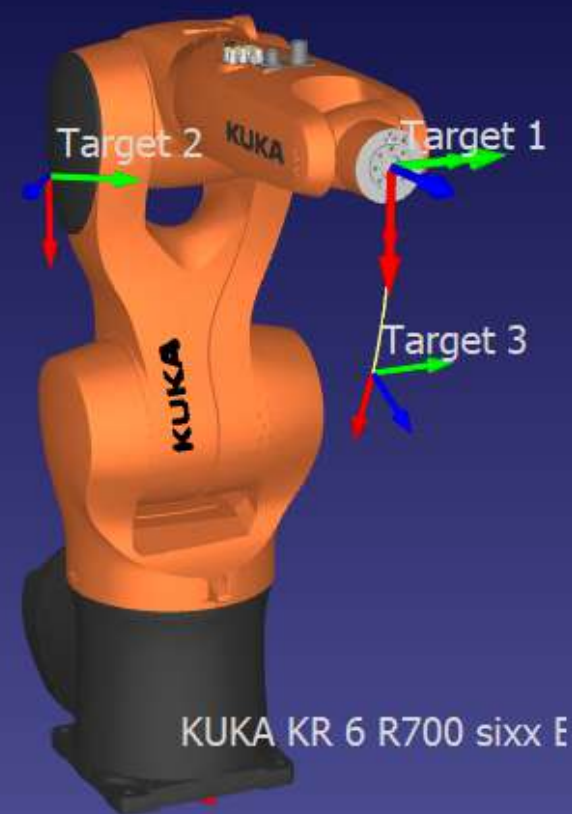
▼ Prog1

 Set Ref.: KUKA KR 6...

 MoveJ (Target 1)

 MoveJ (Target 3)

**Before launching
the program**



KUKA KR 6 R700 sixx E



Connection to KUKA KR 6 R700 sixx

Robot IP/COM: 172.31.1.147

ping

Robot port: 7000

Explore

Connect

Get Position

Stop

Disconnect

Move Joints

Connection status:

Error (RoboDK program is not running)

+ More options

Show log

Remote FTP path: C:/KukaShared

Remote FTP user name: anonymous

Remote FTP password:

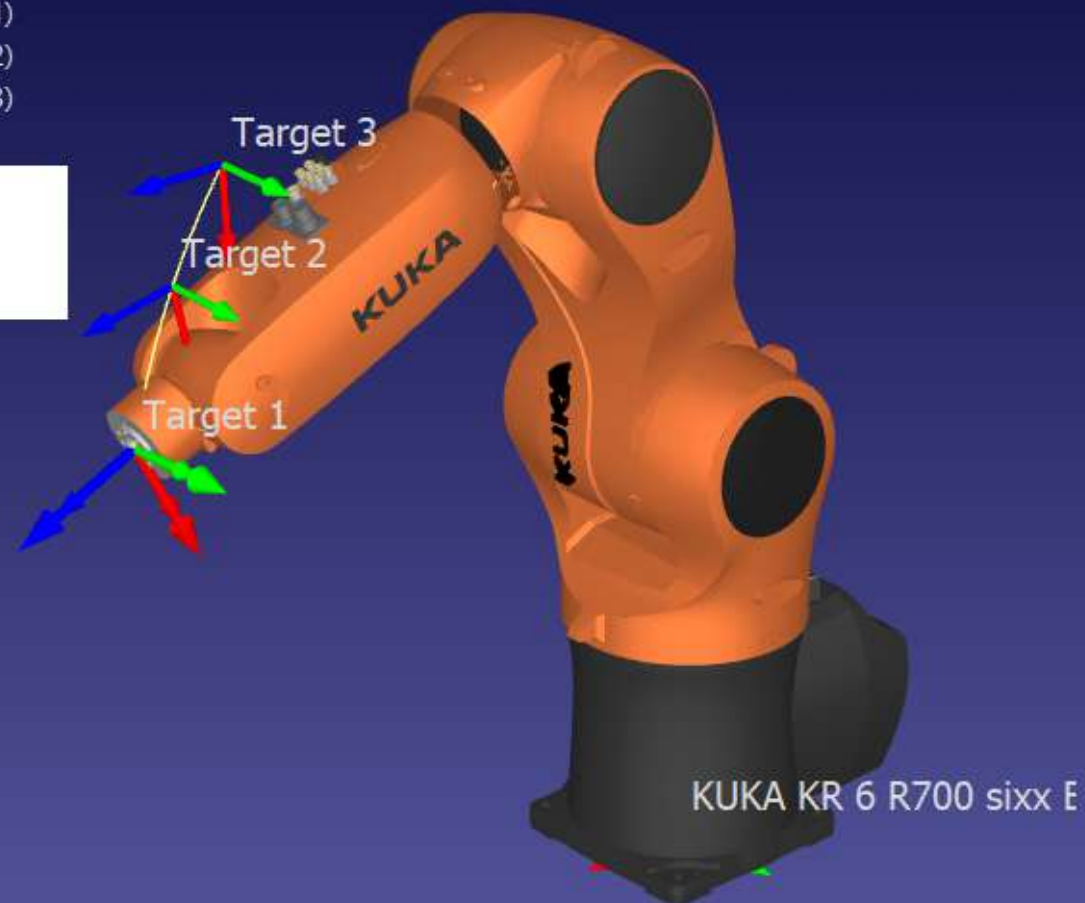
Driver:

kukabridge

Select

- ▼ New Station (2)
 - ▼ KUKA KR 6 R700 sixx B...
 - KUKA KR 6 R700 sixx
 - Target 1
 - Target 2
 - Target 3
 - ▼ Prog1
 - Set Ref.: KUKA KR 6...
 - MoveJ (Target 1)
 - MoveJ (Target 2)
 - MoveJ (Target 3)

After Run a
program



SMS : Ready

KUKA

502147 S I R T1 100 10 T1 80

10:00:42 AM 11/7/2024 LOS 120
The logged-on user switched from Expert to Operator.

Navigator
Filter: User

WINDOWS-ARO35V1 (KRC:\)

- R1
 - gosteri
 - MADA
 - Program
 - testFB
 - testrobotec
 - TriCal test
- (ARCHIVE:\)

Contents of: Program

Name	Comment
AddingWeight	
albert	
Backup	
caca	
ROSP_Proto	
test	
test2	
test5	
test6	
TriCal	
masref_user	Mastering Reference U
RoboDKsync544	
tm_useraction	

1 Object(s) selected 4150 Bytes

New Select Duplicate Archive Delete Open Edit

502147

/R1/ROBODKSYNC544

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5:42:47 PM 11/6/2024 KSS01350

Programmed path reached (BCO)

Originator: /R1/ROBODKSYNC544

?

OK

Confirm all

Editor

```
1 DEF RoboDKsync544()  
2   BAS(#INITMOV,0)  
3   PTP $AXIS_ACT  
4  
5   ; Define Digital Input linked to the probe  
6   INTERRUPT DECL 5 WHEN $IN[1] DO OnProbeTriggered()  
7  
8  
9   $ORI_TYPE = #UAR  
10  $CIRC_TYPE = #BASE  
11  $VEL.ORI1 = 200  
12  $VEL.ORI2 = 200  
13  $ACC.ORI1 = 100  
14  $ACC.ORI2 = 100  
15  
16  $VEL.CP = 3  
17  $ACC.CP = 10  
18  
19  $BASE = {FRAME: X 0, Y 0, Z 0, A 0, B 0, C 0}  
20  $TOOL = {FRAME: X 0, Y 0, Z 0, A 0, B 0, C 0}  
21  
22  $ADVANCE = 0  
23  $APO.CPTP = 0  
24  $APO.CDIS = 0  
25  
26  COM_ROUNDH = -1  
27  COM_ACTCNT = 0  
28  
29  WHILE TRUE  
30    ActionLoop()  
31  ENDWHILE  
32  END  
33  
34  DEF ActionLoop()  
35    DECL INT io_id  
36    DECL INT j_id  
37    DECL INT program_id  
38
```

KRC\R1\PROGRAM\RoboDKsync544.src

Ln 3, Col 0

Change

Commands

Motion

Open/close fold

Block selection

Touch-up

Edit



502147

/R1/ROBODKSYNC544

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5:37:23 PM 11/6/2024 KSS01350

Programmed path reached (BCO)

Originator: /R1/ROBODKSYNC35

KUKA Embedded Information Service

?

OK

Confirm all



Home



KSS01350

Programmed path reached (BCO)

Effect

- No braking reaction
- No interlock of motions or commands

Possible cause(s)

1. Cause: BCO run carried out
Solution: Program start by operator: press Start key
2. Cause: BCO run carried out
Solution: Program start by PLC: switch to EXT mode



A

A2

A3

A5

A6

