

Scene1_UR5.ttt

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Model browser

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7 DoF manipulator.ttm

ABB IRB 140.ttm

Scene hierarchy

Scene1_UR5 (scene 2)

DefaultCamera

XYZCameraProxy

DefaultLightA

DefaultLightB

Base_Frame

Base_Frame_Visible

ReferenceFrame_shape

YZ_Camera

XZ_Camera

UI_Script

Label_Script

Selected objects:

Simulation time: 0

Simulation scripts called: 1 (2 ms)

Proximity sensor handling enabled: Calculations: 0, detections: 0 (0 ms)

Vision sensor handling enabled (FBO): Calculations: 0, detections: 0 (0 ms)

Dynamics handling enabled (Bullet 2.78): Calculation passes: 10 (0 ms)

Custom UI

Enter Config and SE(3) Value

Joint Angle Sliders

Configuration Entry:

Enter 6 comma-separated angles

-2.4444, -1.1168, 0.7949, 0.3220, -0.0882, -0.0000

Current configuration:

(-2.444, -1.117, 0.795, 0.322, -0.088, 0.000)

Messages:

Already processed and sent this string... try editing

Current SE(3):

$T(\theta) = \begin{bmatrix} +0.707 & -0.000 & +0.707 & -0.300 \\ +0.707 & -0.000 & -0.707 & -0.500 \\ +0.000 & +1.000 & +0.000 & +0.501 \\ +0.000 & +0.000 & +0.000 & +1.000 \end{bmatrix}$

EDU

[simExtUI:warning] unknown UI XML attribute 'value' in widget 'label'

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Input Lua code here, or type "help()" (use TAB for auto-completion)

Sandbox script

XYZ_Camera

XYZ_Camera