Code for Controlling Robot via Matlab and RoboDK

% Generate a Robolink object RDK. This object interfaces with RoboDK.

RDK = Robolink;

% Get the library path

path = RDK.getParam('PATH\_LIBRARY');

% Open Robot on its own

% RDK.AddFile([path,'Robot on its own.rdk']); % prior to RoboDK 4.0.0

RDK.AddFile([path,'Robot on its own.rdk']);

% Display a list of all items

fprintf('Available items in the station:\n');

disp(RDK.ItemList());

% Get one item by its name

program = RDK.Item('MoveRobot');

% Start "MoveRobot" program

program.RunProgram();

% Alternative call to run the program

% program = RDK.Item('MoveRobot').RunProgram();

% Another alternative call to run the same program

% RDK.RunProgram('MoveRobot');

% return;