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function SimpleMove_Ad()
    loadlibrary('dynamixel','dynamixel.h')
    %libfunctions('dynamixel')           % Display Library
Functions

    DEFAULT_PORTNUM = 19;    % Com Port
    DEFAULT_BAUDNUM = 34;    % = 57142bps % Baud rate (default 1Mbps)

    % open device
    response =
calllib('dynamixel','dxl_initialize',DEFAULT_PORTNUM,DEFAULT_BAUDNUM)

    Goal_Pos = 350;        % Position to move to
    Goal_index = 30;       % Index of Command in Library
    Speed_index = 32;      % Index of Command in Library

    pause on;

    if response == 1 % if port opens okay

        % (calllib('dynamixel','dxl_write_byte',254,3,2))

        % Read initial data
        Moving(1) = (calllib('dynamixel','dxl_read_byte',1,46));
    % Read Movement
        PresentPos(1) =
int32(calllib('dynamixel','dxl_read_word',1,36));           % Read
Position

        %Move to first position
        calllib('dynamixel','dxl_write_word',2,Goal_index,Goal_Pos)
    % Set goal position
        pause(0.01);
        calllib('dynamixel','dxl_write_word',2,Speed_index,1000)
    % Set movement speed

        for (i = 2:51)        % log data
            Moving(i) = (calllib('dynamixel','dxl_read_byte',1,46));
    % Read if Moving
            PresentPos(i) =
int32(calllib('dynamixel','dxl_read_word',1,36));           % Read
Position
            pause(0.01);      % 'Moving' doesn't work without Pause
        end

        pause(0.5);

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calllib('dynamixel','dxl_write_word',2,Goal_index,Goal_Pos+300)
% Write goal position
    calllib('dynamixel','dxl_write_word',2,Speed_index,200)
% Write movement speed

    for (i = 52:100)      % log data
        Moving(i) = (calllib('dynamixel','dxl_read_byte',1,46));
% Read Movement
        PresentPos(i) =
int32(calllib('dynamixel','dxl_read_word',1,36));          % Read
Position
        pause(0.01);    % 'Moving' doesn't work without Pause
    end

    % plot results
    clf
    figure(1)
    hold on
    grid on
    plot(Moving*100,'r','Linewidth',2,'Linesmoothing','on');
    plot(PresentPos,'k','Linewidth',2,'Linesmoothing','on');
    legend('Moving','Position','Location','East');
else
    disp('Failed to open USB2Dynamixel!');
end
calllib('dynamixel','dxl_terminate');
unloadlibrary('dynamixel');
end

```