

outHkx

Read messages out from the Herkulex motor

Contents

- [Syntax](#)
- [Description](#)
- [Input Arguments](#)
- [Output Arguments](#)
- [Function Codes](#)

Syntax

```
msg = outHkx(sObject)
```

Description

msg = outHkx(sObject) returns messages from the Herkulex motor. Refer to Herkulex Manual pg44 for packet format and meanings.

Input Arguments

- sObject - serial port object

Output Arguments

- msg - string

Function Codes

```
function msg = outHkx(sObject)

    outArr = [];

    for (i=1:3)

        outArr(i) = fread(sObject,1);

    end

    for(i=4:outArr(3))    % outArr(3) gives the total length of messages returned by the
Herkulex motor

        outArr(i) = fread(sObject,1);
```

```
end

msg = [];

for (i=1:length(outArr))

    msg = strcat(msg,dec2hex(outArr(i),2));

end
```