
outHkx

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Read messages out from the Herkulex motor

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
end
```

Published with MATLAB® R2016a