

Eugenia Duncan

From: Brian Duke
Sent: Friday, May 11, 2001 3:29 PM
To: Eugenia Duncan
Subject: Properties

These are the device properties I have so far:

Number of devices connected to toolbox
device.num=2

List of device class names, then name then corresponds to props
#device.0=HTSMDRCapture

HTSMDRCapture properties

device.HTSMDRCapture.PortName=/dev/ttyS2

device.HTSMDRCapture.BaudRate=9600

Valid values - None, Xon/Xoff, RTS/CTS

device.HTSMDRCapture.FlowControl=None

Valid values - 5, 6, 7, 8

device.HTSMDRCapture.Databits=7

Valid values - 1, 1.5, 2

device.HTSMDRCapture.Stopbits=1

Valid values - None, Even, Odd

device.HTSMDRCapture.Parity=Even

HTCallAccounting properties

device.1=HTCallAccounting

device.HTCallAccounting.Flavor=HOBIC

device.HTCallAccounting.Timeout=30

device.HTCallAccounting.PortName=/dev/ttyS2

device.HTCallAccounting.BaudRate=9600

Valid values - None, Xon/Xoff, RTS/CTS

device.HTCallAccounting.FlowControl=None

Valid values - 5, 6, 7, 8

device.HTCallAccounting.Databits=7

Valid values - 1, 1.5, 2

device.HTCallAccounting.Stopbits=1

Valid values - None, Even, Odd

device.HTCallAccounting.Parity=Even

device.HTCallAccounting.ENQ=5

device.HTCallAccounting.ACK=6

device.HTCallAccounting.NAK=21

device.HTCallAccounting.STX=2

device.HTCallAccounting.ETX=3

device.HTCallAccounting.CheckSum=HTBCC

Eugenia Duncan

From: Brian Duke
Sent: Tuesday, June 12, 2001 8:53 AM
To: Eugenia Duncan
Subject: A new type

Found a new parameter type we'll need to add. I guess we can call it checksum. For this type, the user will be prompted to select which characters are included in the checksum. There will be three choices with a checkbox next to each and the user can select from 0 to all 3 of the choices. The choices are

STX (Start Character)
ETX (End Character)
CSC (Checksum Character)

The value will be a binary OR of the 3 values where STX=1, ETX=2 & CSC=4. Thus if the user selects STX and ETX, you will OR 1 & 2 together which makes 3. This is obviously different than other types that just need an edit box or combo box, so it will need some custom coding when you encounter the checksum type. Let me know if you have any questions.

An example:
device.HTCallAccounting.CheckSum.Format=2
And I changed the current checksum name to be:
device.HTCallAccounting.CheckSum.Method=HTBCC

I don't think I ever gave you the list of possible checksum method values. They are: BCC, CRC32 and LCC
- Brian