

To set new numerical value extraction conditions, set as follows.

Specify the "packet selection filter" of the binary packet data and the position and type of the numerical value to be extracted.  
For example, for the following binary data, set as shown below.

**Binary data**

Loc=0	1	2	3	4	5	6	7	8	12 (0xC)	16 (0x10)	
0x01	-	-	-	-	-	-	-	x0 (INT-32)	y0 (INT-32)	-	
20 (0x14)	24 (0x18)	28 (1 C of 0x)	32 (0x20)	36 (0x24)	40 (0x28)						
x1 (INT-32)	y1 (INT-32)	-	x2 (INT-32)	y2 (INT-32)	-						

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#### Setting of a dialog

Condition name: BBB

Packet selection filter: Loc. 0x0, Type Hex8, Value 0x1

Extraction of value:

Loc.	Type	Loc.	Type
X0 0x8	Int32	Y0 0xC	Int32
X1 0x14	Int32	Y1 0x18	Int32
X2 0x20	Int32	Y2 0x24	Int32
X3 0x24	*****	Y3 0x0	*****
X4 0x32	*****	Y4 0x0	*****
X5 0x36	*****	Y5 0x0	*****
X6 0x0	*****	Y6 0x0	*****
X7 0x0	*****	Y7 0x0	*****

Formula: N, Factor: 1.0, Big-endian: ☒

Buttons: Save, OK, Cancel, Reset

Binary packet data whose location 0 is 0x01 (8-bit integer) is targeted.

Pressing the "Reset" button clears all numerical value selection settings.

Specify three 2D vectors

"Calculation formula" calculates the value displayed in the graph, where N is the extracted value.  
"Factor" is a value that is multiplied to all the numerical values extracted when the graph is displayed.

Check if the number is in big endian format.

Indicator when valid numeric value is set. The color of this circle is the drawing color on the graphic.

When setting is completed, please overwrite it with "OK" button or save it by giving a name with "Save" button.

In the setting example above, three vector values are extracted from the received binary packet data row, and the following 2D plot graph is displayed.

