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Is it possible to edit a my block input parameter value?

I have created my blocks but want to change the input parameter to a negative. Is this possible or must all the myblocks be re-written?

ev3 programming

asked Oct 21 '14 at 7:30



Jamsel

26 1 2

3 Answers

It is not possible to modify the properties of myBlock in the current version of EV3 SW.

It is possible by tampering the block source files:

1. create a copy of your *.ev3. Just in case
2. rename *.ev3 to *.zip
3. extract all files from the zip
4. edit files as needed
5. move changed files back into zip (Under Windows drag and drop to zip)
6. rename *.zip to *.ev3

I successfully used this to change the icons for MyBlocks. Icons file should be here: C:\Program Files (x86)\LEGO Software\LEGO MINDSTORMS EV3 Home Edition\Resources\MyBlocks\images If you change the parameters, you will have to change all programs that use the MyBlock because the definition has changed.

I have tried it with success, having a backup is a must, you can easily corrupt your project files. I was able to modify the icon of parameter or myblock, rename the parameter, change the order of parameters, change the default values, add a new parameter. It is also possible to change the parameter type or delete the parameter, the lab sw removes existing wires correctly.

I would not tamper the files for some simple block, but for more complex block it could be worth. Let's hope some sw update will provide this function later, if it could be done manually, i see no reason why it is not implemented.

answered Nov 3 '14 at 9:29



MirecXP

276 1 3

If you need to change something that is setup in the "My Block Builder" dialog box like the default value or min and max values for a slider, then yes, you need to create a new My Block. This is easy though. Just select everything in the existing My Block except for the Input Parameter block, the Output Parameter block and the Start block and then select Tools > My Block Builder to create a new (identical) block.

Another option would be to add a Math block inside of your My Block that multiplies the input parameter by -1 to make it negative.

answered Oct 21 '14 at 16:28



David Lechner

3,211 2 21

I know it is few years late but I just looked for this and then found an alternative/workaround.
There is no way to edit a custom block, but one can select all of it (except inputs and outputs)
and create a brand new block from it, then delete the original.

Too bad there is no direct way for this.

answered Feb 28 at 22:21



Learner
101