



## Can I set a breakpoint with a logical condition?

2022-01-05 - Comments (0) - PRACTICE

The command **Break.Set** has an option **/VarCONDition**, which allows you to specify a condition under which the CPU stays stopped once it hits the corresponding breakpoint. (In the dialog for setting breakpoints you'll find also the field "**Condition**" for that, when you click on "**advanced**".)

**Example:** set a breakpoint on function *MyFunc* with the condition that the variable  $x==10$  and  $y==11$

**Break.Set MyFunc /VarCONDition (x==10 && y==11)**

As a result, the CPU is stopped every time the function *MyFunc* is executed, but gets immediately restarted when condition " $x==11$  &&  $y==11$ " is not met.

You can also specify a condition in the PRACTICE language by using the **Break.Set** option **/CONDition** instead of **/VarCONDition**. This corresponds to unchecking the **HLL** checkbox in front of the **CONDition** field in the **Break.Set** window.

**Example:** the same condition in the first example can be implemented using:

**Break.Set MyFunc /CONDition (Var.Value(x)==10. && Var.Value(y)==11.)**

Note: the default radix mode in PRACTICE is hexadecimal, this is why a dot has to be added after the values 10 and 11 to indicate that these are decimal values. Otherwise, the values 0x10 and 0x11 are used per default.

Tags

Breakpoints