

Can I set a breakpoint with a logical condition?

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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