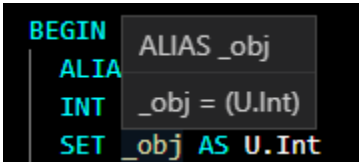


# Local Variables (Watch)

## Script debugging - local variables

When you debug a script, you can view the value of a local variable in two ways:

- **pointing the mouse cursor to the local variable**  
It shows its value or, in the case of a local variable of *ALIAS* type, it shows the currently associated object (for a structure, it displays its dimension).



- The range of information shown may be [changed](#).
- **adding the local variable to the list of local values viewed (Watch)**  
Point the mouse cursor to a local value, press the right mouse button and select the item **Add to Watch**.

**Note**  
The values of local variables, which occupy more than 10 MB of the memory, are not sent to the debugger when debugging the script. If such a situation occurs, the tab **Debug** contains a log about it.

## List of local variables (Watch)

The list is placed in the bottom part of the editor - the tab **Watch**. It consists of two parts. In the left part of the window, there is a list of selected local variables (in the case of a local variable of *RECORD* type, it is possible to "expand" it to get to a particular cell). On the right side, there are the current attributes of values of selected local variables. In the case of a local variable of *ALIAS* type, only the column *ALIAS* is valid, which holds the name of the object, which is currently associated with a local variable. For values of *Text* type, they are placed in quotes. All the values are updated as the actions are being executed.

Compile Debug Notations Watch							
<input type="text"/>							Add Watch
Expression	Current Value	Value Time	Attributes	Limits	Status Bits	Process Alarm	
SV.Test[2]	7	11/24/2022 14:36:33	_____	INLIMIT		NOALARM	
SV.Test[1]^Obj	11/24/2022 15:47:24.000	11/24/2022 15:47:24	_____	INLIMIT		NOALARM	
SV.Test[1..5]	5	11/24/2022 14:36:33	_____	INLIMIT		NOALARM	
SV.Test[1]^2..3]	2	11/24/2022 14:36:33	_____	INLIMIT		NOALARM	
SV.Test[1]^2,5,7]	3	11/24/2022 14:36:33	_____	INLIMIT		NOALARM	
_obj	???	Null Time	_____	INLIMIT	Invalid	NOALARM	
Sec + 1	20	11/24/2022 15:47:19	_____	INLIMIT		NOALARM	

- Changing a value is not possible
- Deleting a local variable from the menu may be performed by the **Del** key

Right-clicking on the name of the local variable or the non-structured variable (in the left part of the dialog box shown above) opens the [dialog box](#), that provides a detailed description of the object value and allows to set it.



**Related pages:**

[Script debugging](#)