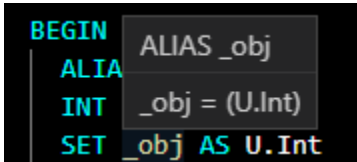# Local Variables (Watch)

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** Evaluate	Actual value	Value Time	Attributes	Limits	Status Bits	Process Alarm	Alarm time	
⊟ _test	1	09/07/2021 15:22:40	_____	INLIMIT		NoAlarm	---	
⊟ _test[1]	24	09/07/2021 15:22:40	_____	INLIMIT		NoAlarm	---	
_test[1]^Name	???	09/07/2021 15:22:40	_____	INLIMIT	Invalid	NoAlarm	---	
_test[1]^ID	???	09/07/2021 15:22:40	_____	INLIMIT	Invalid	NoAlarm	---	
_test[1]^Status	???	09/07/2021 15:22:40	_____	INLIMIT	Invalid	NoAlarm	---	
_test[1]^StatusTime	???	09/07/2021 15:22:40	_____	INLIMIT	Invalid	NoAlarm	---	
_test[1]^ComputerName	???	09/07/2021 15:22:40	_____	INLIMIT	Invalid	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