



## **New Features in ibaLogic v5.4.0**

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## 1 New function block ODBC\_ACCESS

After purchasing the license 32.500030 L5-DB-DLL-ACCESS from iba, until now the user received a DLL. Over the time, there were different variants of that DLL.

In order to standardize this, the latest version of this DLL was used to create a standard block in ibaLogic, called ODBC\_ACCESS.

The license model remains the same. For operation, the new license

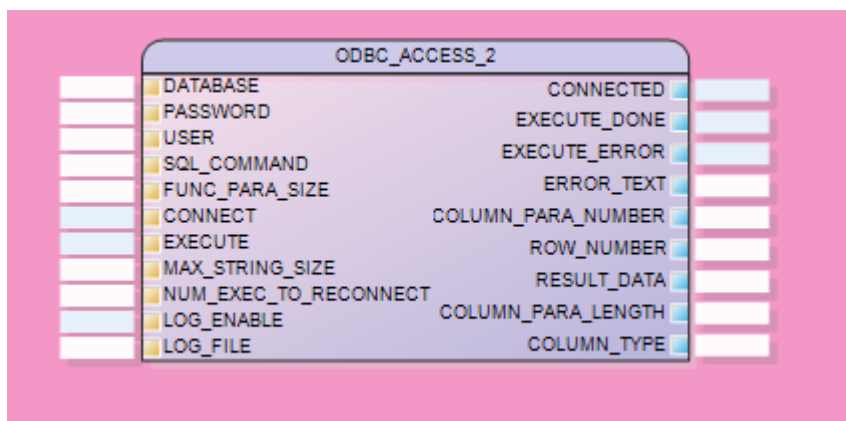
**32.500030 ibaLogic-V5-DB ACCESS** is necessary.

**Note:** If you want to continue working with the existing DLLs, nothing needs to be changed. If you want to use the new function block, you have to request a conversion of the existing license from ibaAG.

The implementation of the new function block may differ from the DLL, especially for older variants. However, all previous applications are possible with the new block.

A parallel operation of old DLL and new ODBC device is possible, and can be used for the changeover to the new ODBC\_ACCESS block (please clarify the required dongle bits with ibaAG).

**Block layout:**



### 1.1 ODBC\_ACCESS description

Using the ODBC\_ACCESS block, you can implement write and read access to databases.

For this purpose, an ODBC connection to the respective database must be possible and set up.

Normal SQL commands are allowed. Stored Procedure calls are also possible.

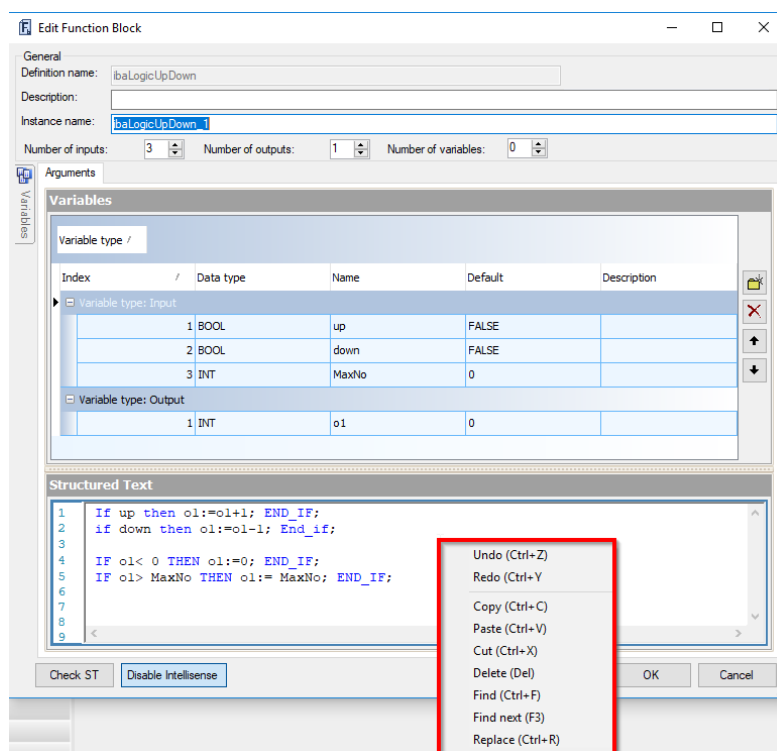
The ODBC\_ACCESS block is licensed and must be activated in the dongle:

32.500030 ibaLogic-V5-DB ACCESS

Further information can be found in the manual **ibalogic\_ODBC\_ACCESS\_V1.0.pdf** for the ODBC\_ACCESS block.

## 2 New Features of the FB editor

The function block editor got some extensions in the context menu (right mouse-click).



The new functions can be used from the context menu or by the corresponding shortcuts.

### 3 Extended DLL Handling

For the execution of DLLs you need a corresponding license in ibaLogic.

There are now two licenses

- 32.500035 ibaLogic-V5-SDK DLL Plugin KIT (existing license)
- 32.500036 ibaLogic-V5-DLL-Runtime (new license)

The ibaLogic SDK DLL Kit contains the license and the C++ framework to create ibaLogic DLLs. Additionally, the kit contains a tool to certify ibaLogic DLLs.

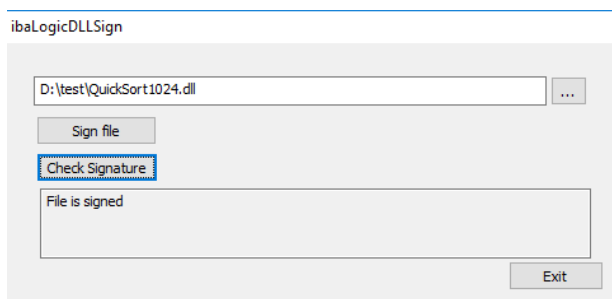
If you want to run the certified DLLs on one computer, at least the ibaLogic-V5-DLL-Runtime license is required. This license is available at a lower price than the ibaLogic-V5-SDK DLL Plugin Kit.

This gives you the possibility to create DLLs for your end customers, without the end customer needing the "big" license.

#### Procedure:

An "OEM" buys the ibaLogic-V5-SDK DLL Plugin Kit and creates a DLL via the C++ frame. He can run and test this DLL with this license.

Once the test is complete, he starts the certification tool ibaLogicDLLSign.exe and certifies his DLL.



Now the OEM can give this DLL to his customers.

These customers only need the smaller license to run this certified DLL:

32.500036 ibaLogic-V5-DLL-Runtime.

#### Note:

A certified DLL can be executed by all users who have the ibaLogic-V5-DLL-Runtime license.

If you want to prevent this, so that only special users (= dongles) may use this DLL executable, you have to implement an additionally check on the dongle number in the DLL.

The "OEM" adds a list of customer dongles to his DLL code during the creation.

In the initialization phase of the DLL a check routine must be written, which checks whether the current dongle is present in the list. Only then the internal cyclic handling of the DLL is released.

If a new customer has to use this DLL, the dongle number has to be added to the internal list of the DLL, which then can be created, certified and delivered.

Now if an improvement or bugfix of the DLL has to be released, you can simply resend the new version to all of your customers.

Further information can be found in the documentation of the DLL creation, which is supplied with the ibaLogic SDK DLL Plugin KIT.