

# D2000 VBApi

**VBApi** is the interface, that allows access to and modifies

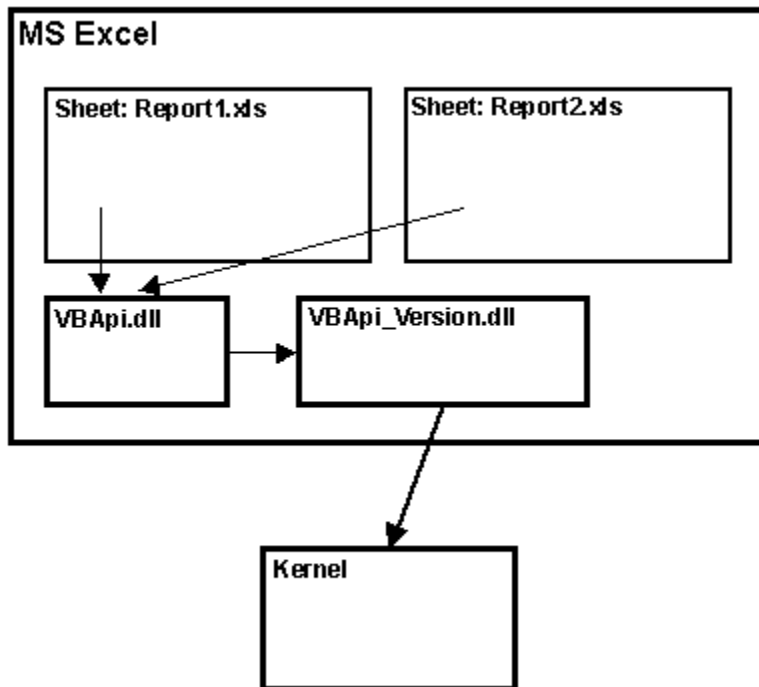
- current values
- historical values

of objects of the D2000 System and the contents of the [log database](#) from the MS Visual Basic environment (thereinafter VB). The functionality of the current version is verified in the VB environment for MS Excel 97/2000 and Microsoft VB 5.0.

The interface consists of the libraries **VBApi.dll** and **VBApi\_Version.dll**, which represent a client of the D2000 System. It exports a lot of functions, that may be called directly from the VB environment. The declaration of functions and necessary data structures are compared in the file **VBApi.xla**, which is distributed for MS Excel 97/2000. It contains the modules **Interface**, **VBApi** and the form **LogOnDlg**. When the interface **VBApi** is used in Microsoft VB, it is necessary to export the modules and the form into files and they must be included in a VB project.

The library **VBApi.dll** represents the loader of the interface **VBApi\_Version.dll** to the D2000 System. The interface depends on the system version and is placed in the [installation directory](#) (\bin). The file **VBApi.xla** contains the name of the library **VBApi.dll**, but does not contain its location on the disk. To ensure the correct functionality, we, therefore, recommend you to place the files as follows:

1. **VBApi.dll** - the loader of the file **VBApi\_Version.dll**,
  - a. *System32* directory in the installation directory of the operating system
  - b. or in the directory entered in the variable **PATH**.
2. **VBApi\_Version.dll** - its location may not be changed (after the installation, it is placed in the subdirectory **VBin** of the [installation directory](#)).
3. **VBApi.xla** - its location may be changed. On the computer, where reports will be evaluated, it is necessary to activate it as an extension in the configuration of MS Excel.



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