

How to use ForexConnect API COM

Brief

The article explains how to use ForexConnect API as an in-process COM Server.

Details

ForexConnect API COM library is installed and registered in the `com_bin` subfolder of the folder where ForexConnect API is installed (usually the `C:\Program Files\Candleworks\ForexConnectAPI` folder). ForexConnect API COM library using ForexConnect API v1.1.3 and later.

To use ForexConnect API COM in your application:

1. Your programming language must supports interoperation with COM and COM events. ForexConnect API COM supports COM Automation and is deployed with `fxcore2.com.tlb` typelibrary for use with programming languages that support "early binding" via typelibrary.
2. If your development environment supports COM typelibrary, add `fxcore2.com.tlb` as a reference to COM typelibrary to your project.
3. Create an instance of the main COM class of ForexConnect API COM library using "fxcore2.com.Transport" ProgID and create an instance of Session class with binding to the COM events (VBA/VB):

```
Private fxTransport As fxcore2_com.Transport
Private WithEvents fxSession As fxcore2_com.Session

Sub InitFxCore()
Set fxTransport = CreateObject("fxcore2.com.Transport")
Set fxSession = fxTransport.createSession()
'...
End Sub

Sub fxSession_SessionStatusChanged(status As SessionStatusCode)
'...
End Sub

Sub fxSession_LoginFailed(error As String)
'...
End Sub
```

When you use VBScript that supports only "last binding", your source code for creating the main COM class and Session object will look as follows:

```
Set fxTransport = CreateObject("fxcore2.com.Transport")
Set fxSession = fxTransport.createSession()
WScript.ConnectObject fxSession, "Session_"
'...
Sub Session_SessionStatusChanged(status As SessionStatusCode)
WScript.Echo "Status changed: " & status
End Sub

Sub Session_LoginError(error As String)
WScript.Echo "Error occured: " & error
End Sub
```

Do not use ForexConnect API COM from .NET application, use ForexConnect API .NET instead.

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