

Toad® DevOps Toolkit™

Visual Basic for Applications Demonstration



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Purpose

This example will demonstrate how Visual Basic for Applications (VBA) can be used to call TDT commands and return results to an Excel spreadsheet.

The demo will show how to:

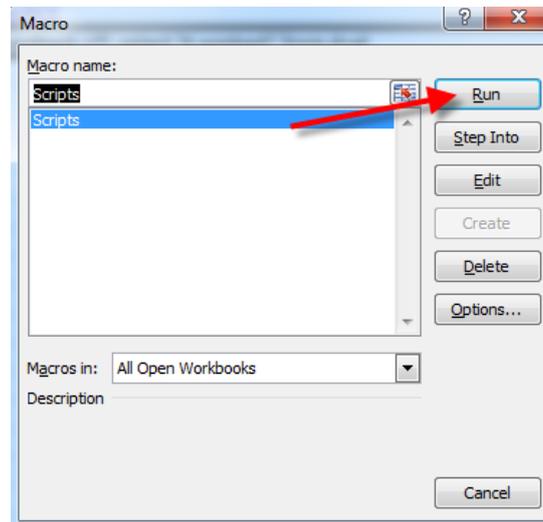
1. Start TDT.
2. Connect to a Database.
3. Execute a Query.
4. Return results to an Excel spreadsheet.
5. Stop TDT.

Run Demo

1. Open demo.xlsm in Excel
2. Enable Macros (View Menu)
3. In Cell B2, enter database connection information (username/pwd@dbname).

| | A | B |
|---|---------------------------|--|
| 1 | Purpose: | To show how to use VBA to access various TDT Objects |
| 2 | Database Connection Info: | demo/demo@{DBName} |
| 3 | Query: | set heading off; set feedback off; select 'It worked!' from dual |
| 4 | | |
| 5 | Script Returned Output: | |
| 6 | | |

4. Run Scripts Macro



Output

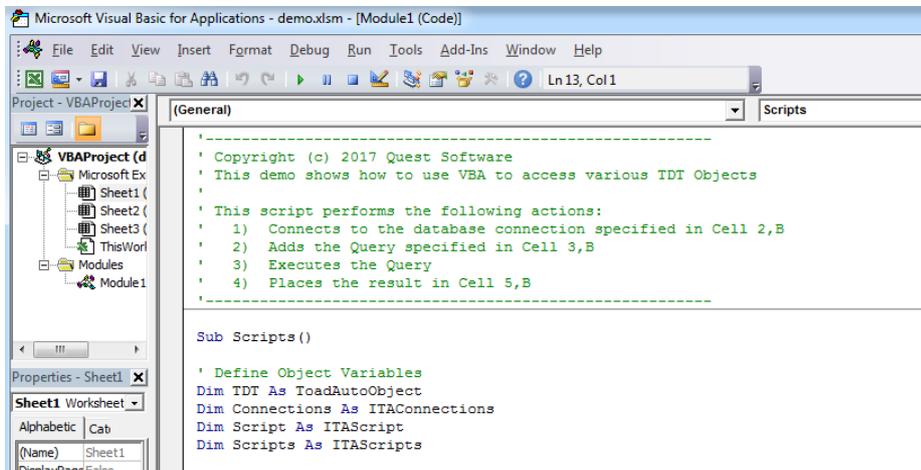
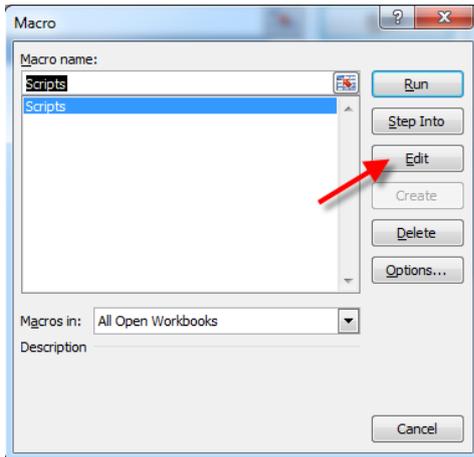
If the Macro ran correctly, the “Script Returned Output” field will populate with the results from the query field.

| | A | B |
|---|----------------------------------|--|
| 1 | Purpose: | To show how to use VBA to access various TDT Objects |
| 2 | Database Connection Info: | demo/demo@QA SOURCE |
| 3 | Query: | set heading off; set feedback off; select 'It worked!' from dual |
| 4 | | |
| 5 | Script Returned Output: | It worked!  |

Source Code

To view the Source Code for this example, enable Excel Macros (Macros can be found under the View or Developer tabs in Excel).

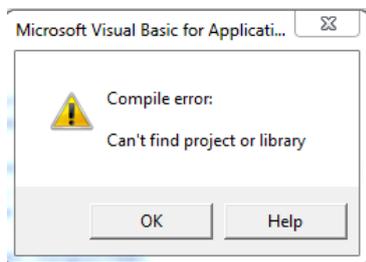
To view the VB source code, click on the Macros > Edit button.



Error Resolution

The example provided for this demo was saved using the 64 bit version of TDT, using Excel 2010. This example may not run correctly on different versions of Excel, in which case, the exception handler should catch and display the appropriate error.

If running 32 bit version of TDT, a compile error could be generated, like the one shown below. This generally means there is an incompatibility with the version (32 vs 64 bit).



To resolve an incompatibility error, open the Visual Basic Editor, and select Tools > References and point the reference 'Toad' to the location where TDT is installed. The Location should reference the TDT executable (ttd.exe) found in the installation directory.

