



VBA Migration Guide

GstarCAD 2024

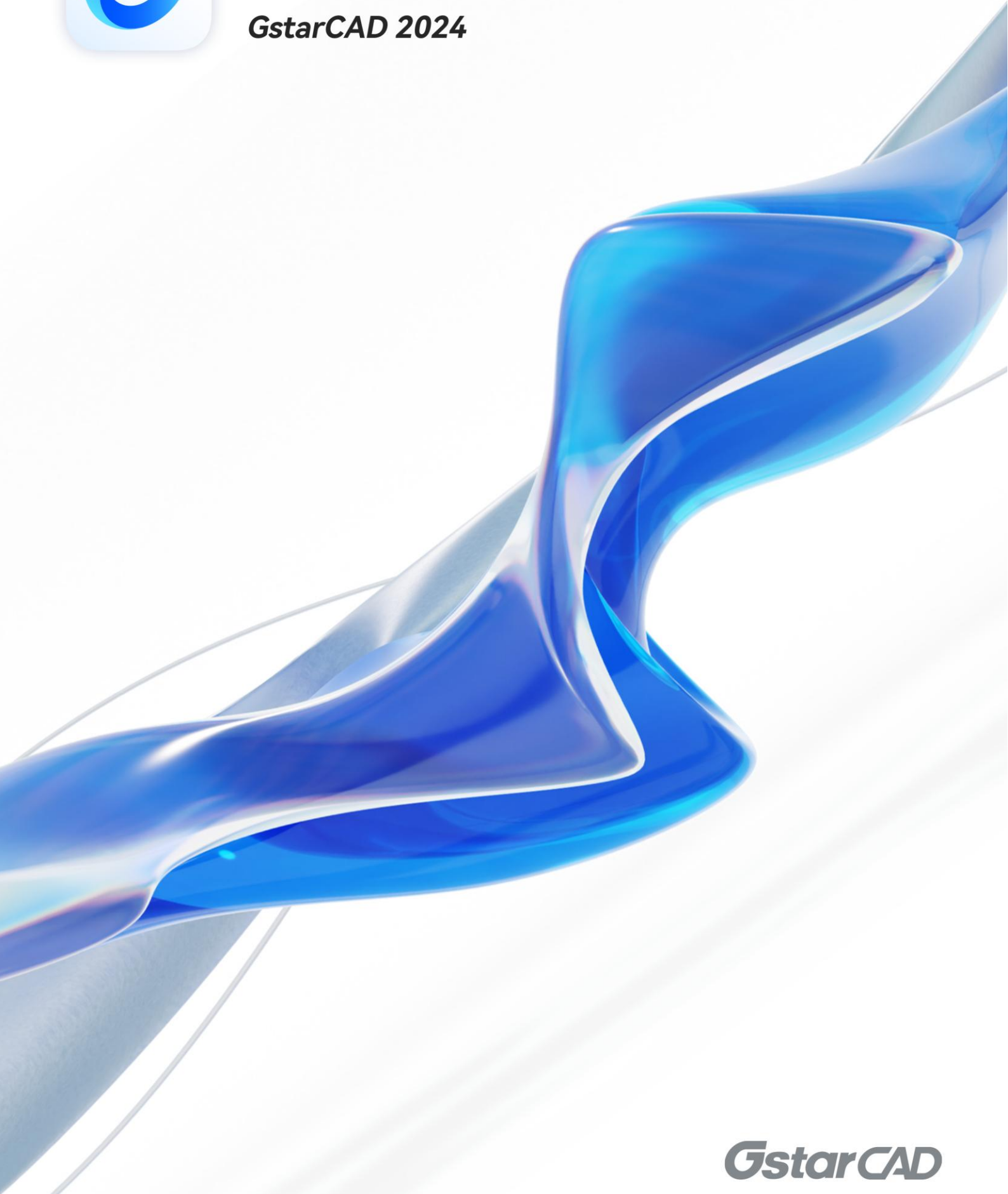


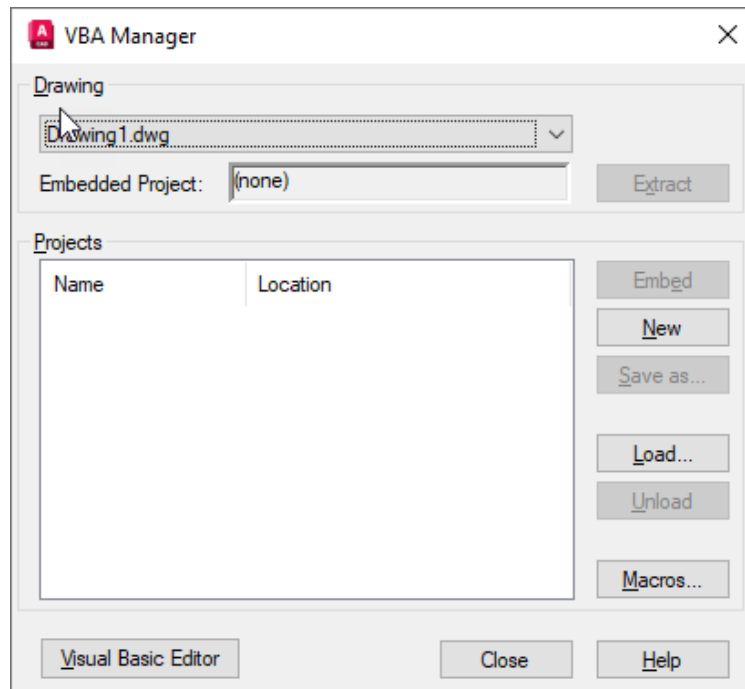
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1. Migrate Project Code

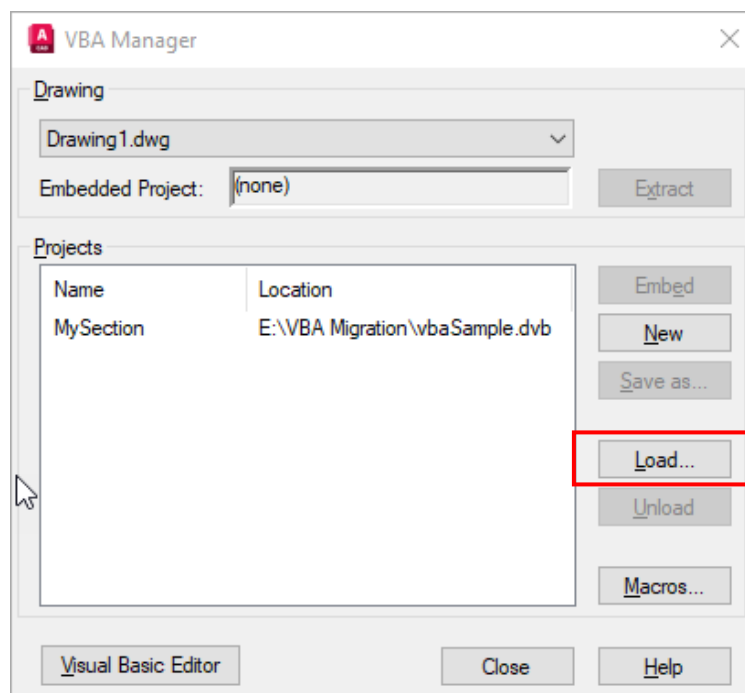
1.1. Run AutoCAD® VBA Manager

Run **VBAMAN** command to launch the **VBA Manager** in AutoCAD® as shown below.



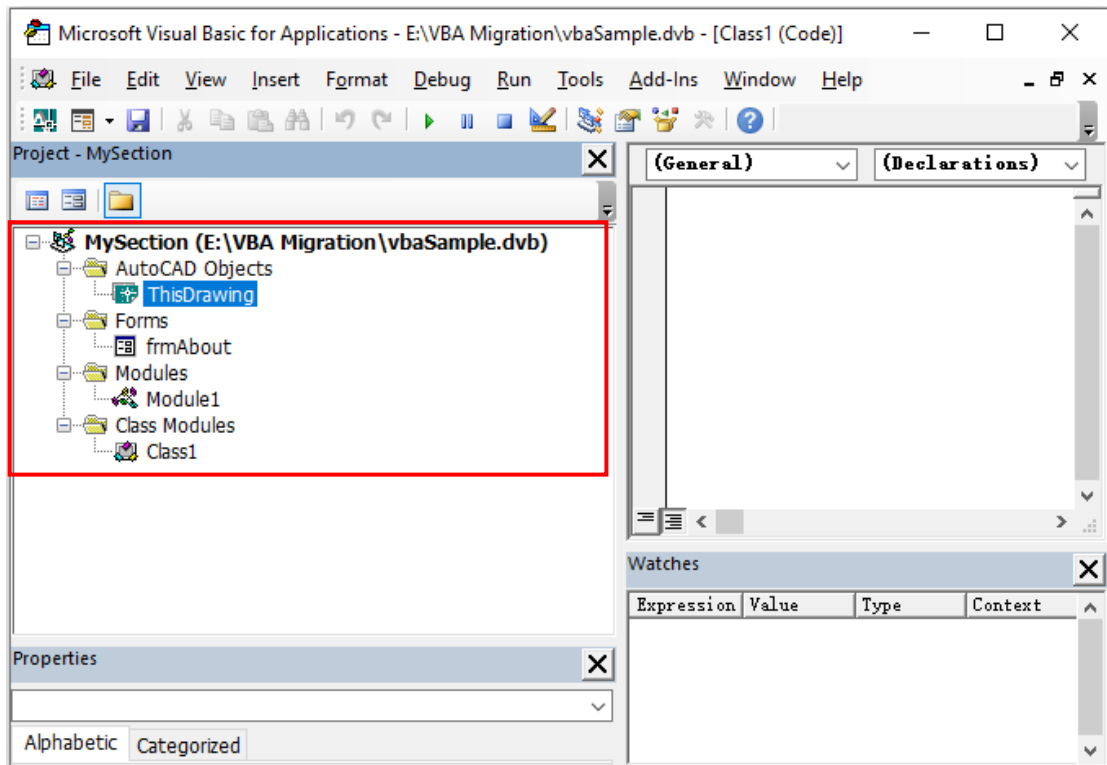
1.2. Load Project File (.dwb) to Be Migrated

Click **Load...** and select the DVB file to load, e.g. '*vbaSample.dvb*' as shown below:



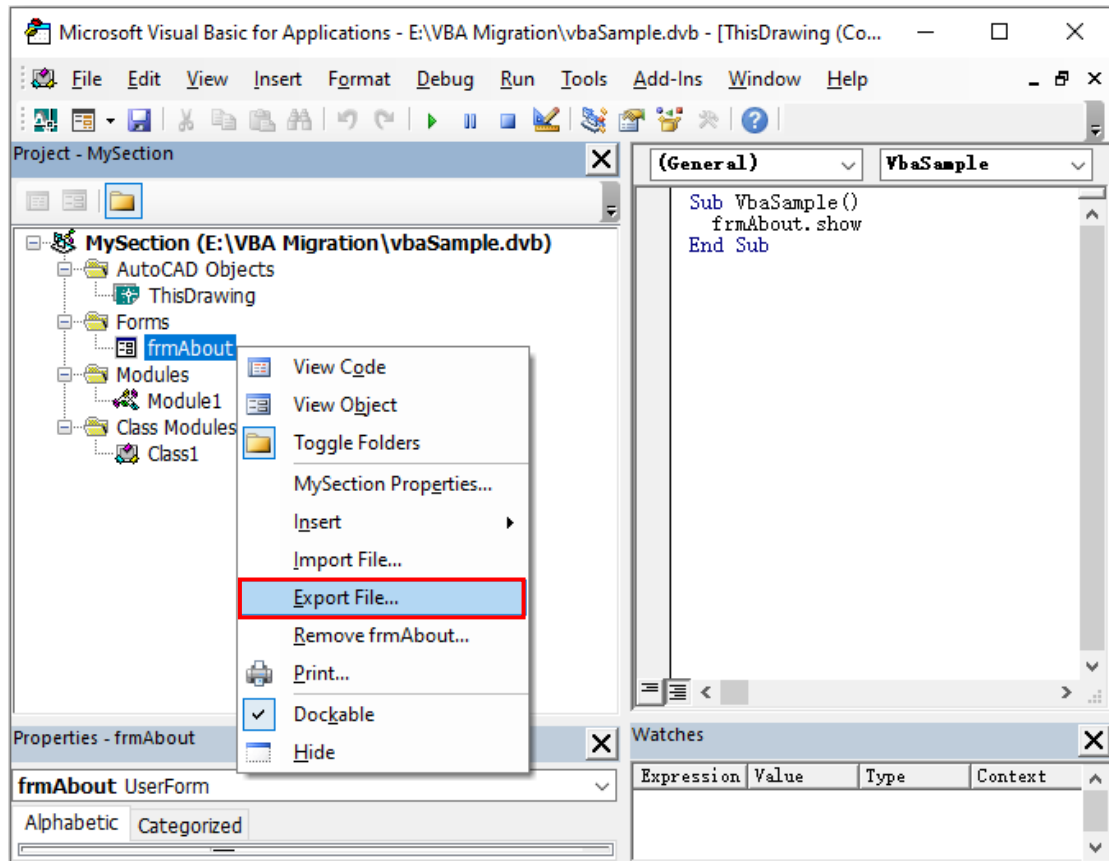
1.3. Run VBA Editor

Click **Visual Basic Editor** button to launch VBA editor and all the project contents of '*vbaSample.dvb*' are listed on the left side of the VBA editor, and the project name is '*MySection*'.



1.4. Export VBA Project

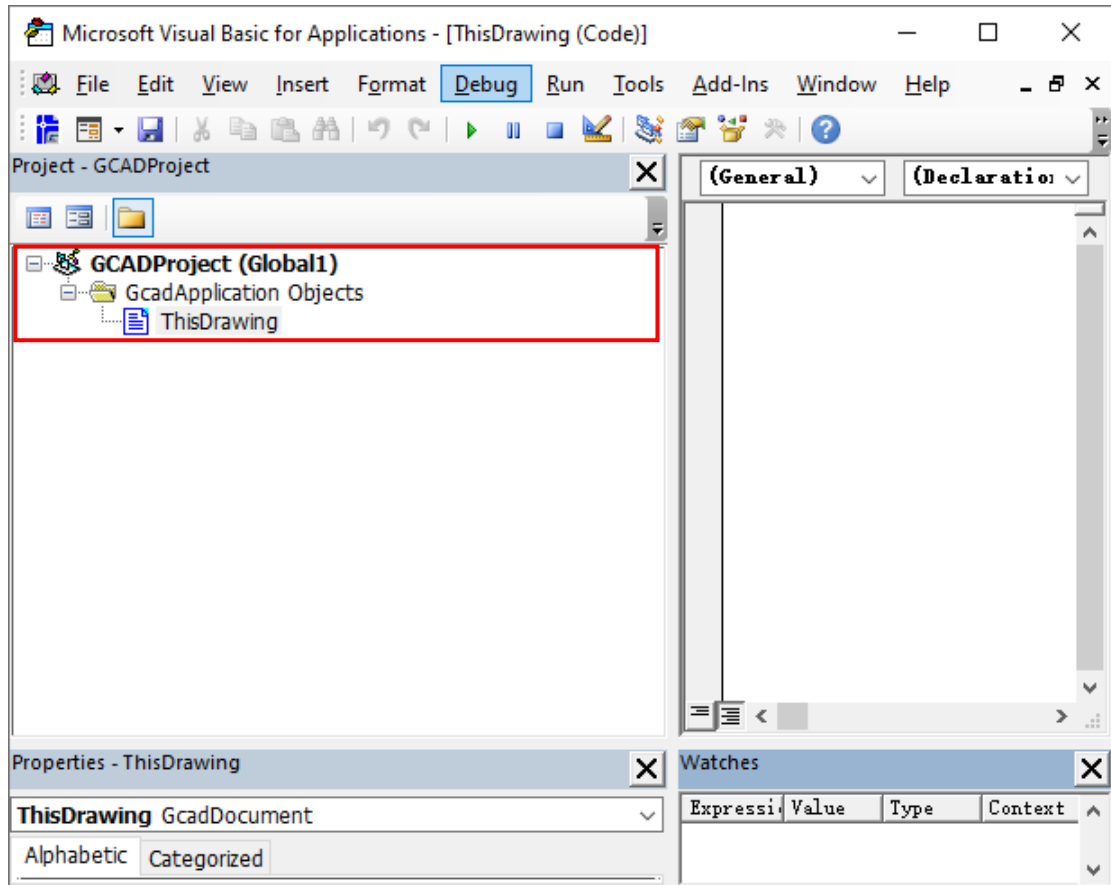
- 1) Right click on the items under **Forms**, **Modules** or **Class Modules**, e.g. right click on the *'frmAbout'* form under **Forms** and select **Export File...**, as shown below:



- 2) Specify a folder to save the exported file (The extension of exported form file is *'frm'*).
- 3) In the same way, export modules and class modules to files (The extension of exported module is *'bas'*, and the extension of exported class module is *'cls'*).
- 4) Double click on *'ThisDrawing'* under **AutoCAD Objects** to show and copy the codes to a new file.

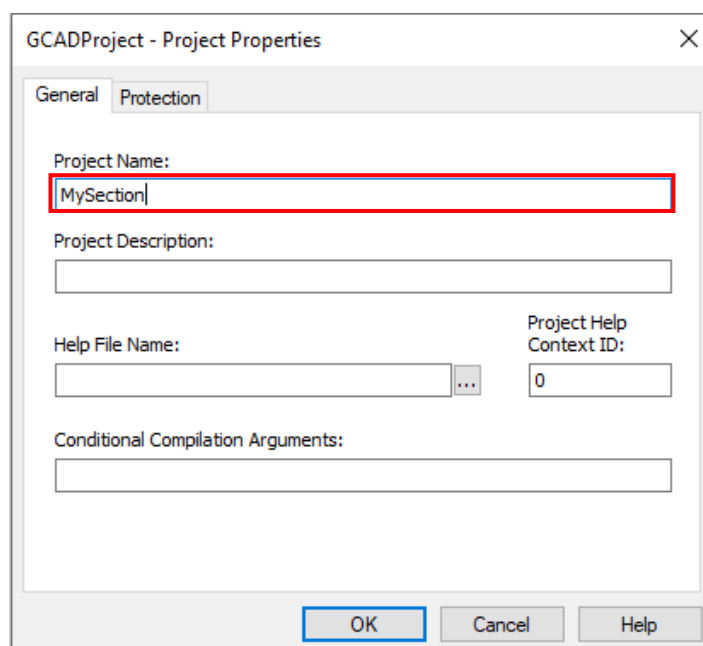
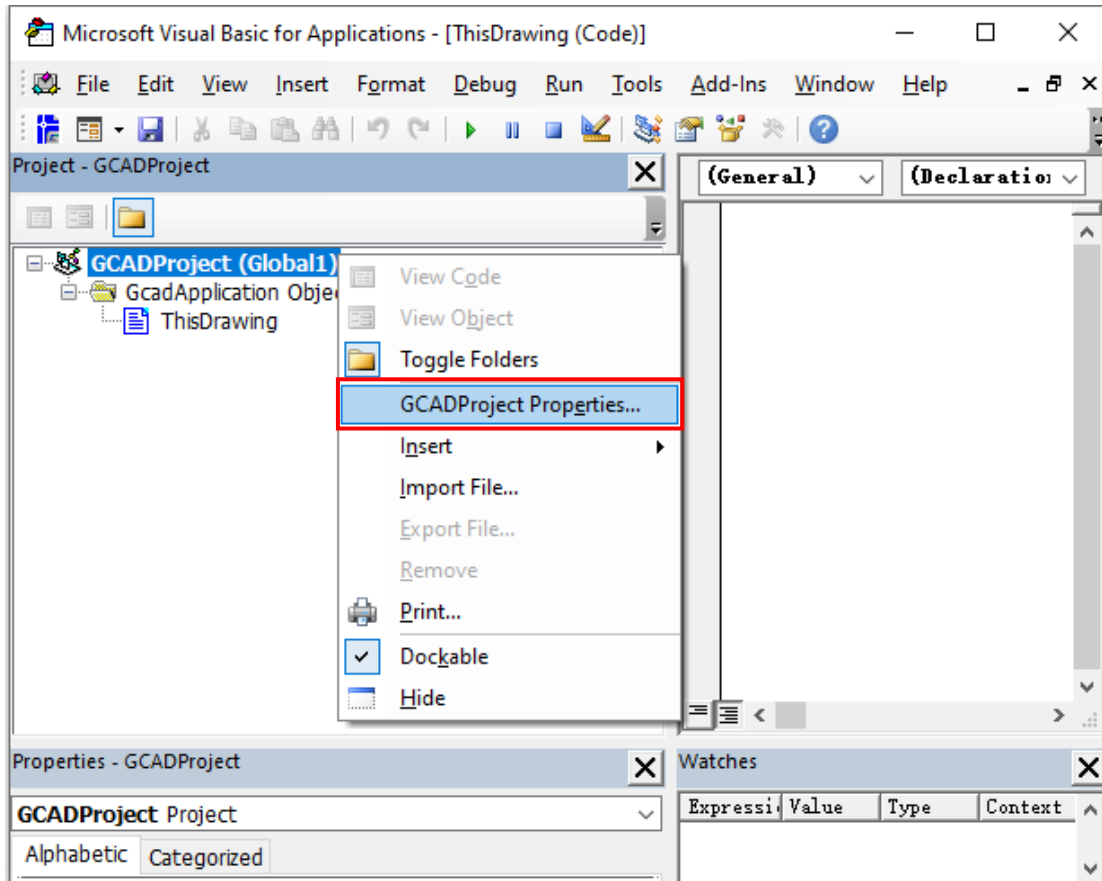
1.5. Run VBA Editor in GstarCAD

Run **VBAIDE** command to launch the VBA editor in GstarCAD, same as that of AutoCAD. A new empty project '*GCADProject*' is automatically created by default.



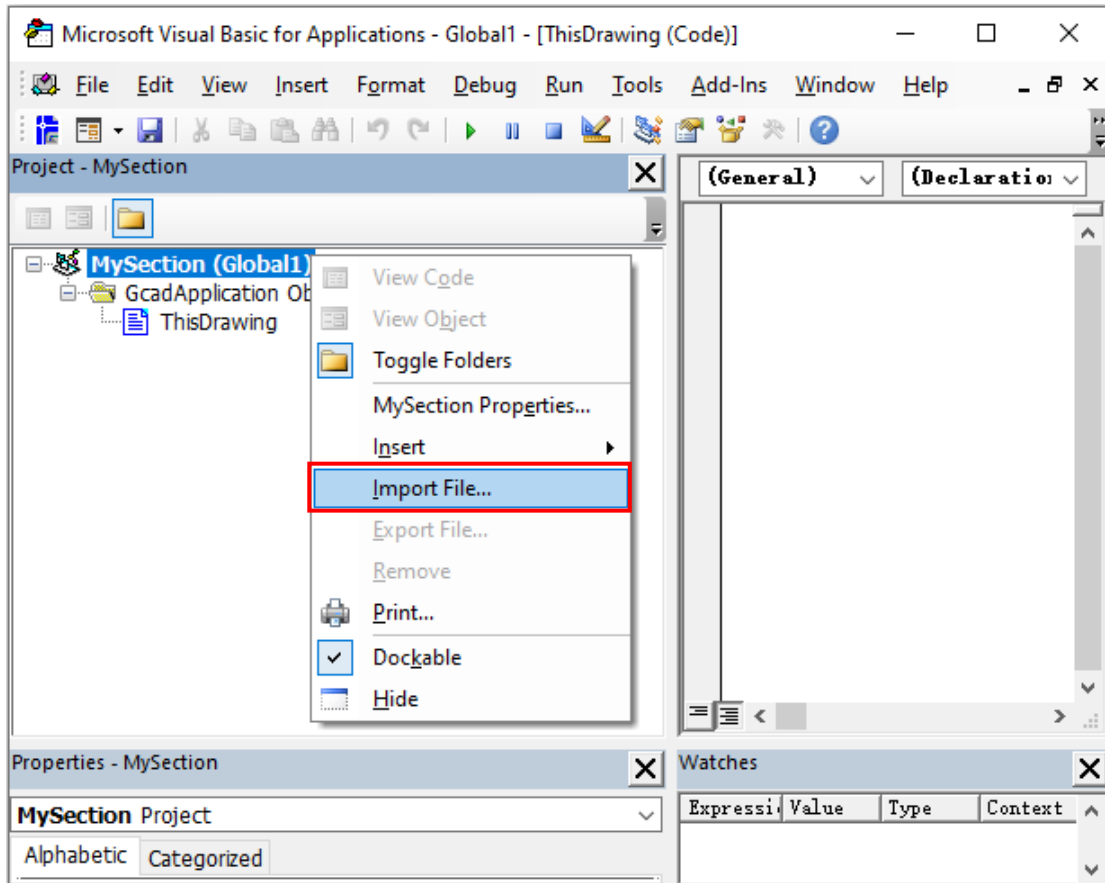
1.6. Modify Project Name

Right click on the 'GCADProject' and select **GCADProject Properties(E)...**, the **Project Properties** dialog window pops out. Modify the **Project Name** to 'MySection' as same name as that in AutoCAD, and click **OK**.

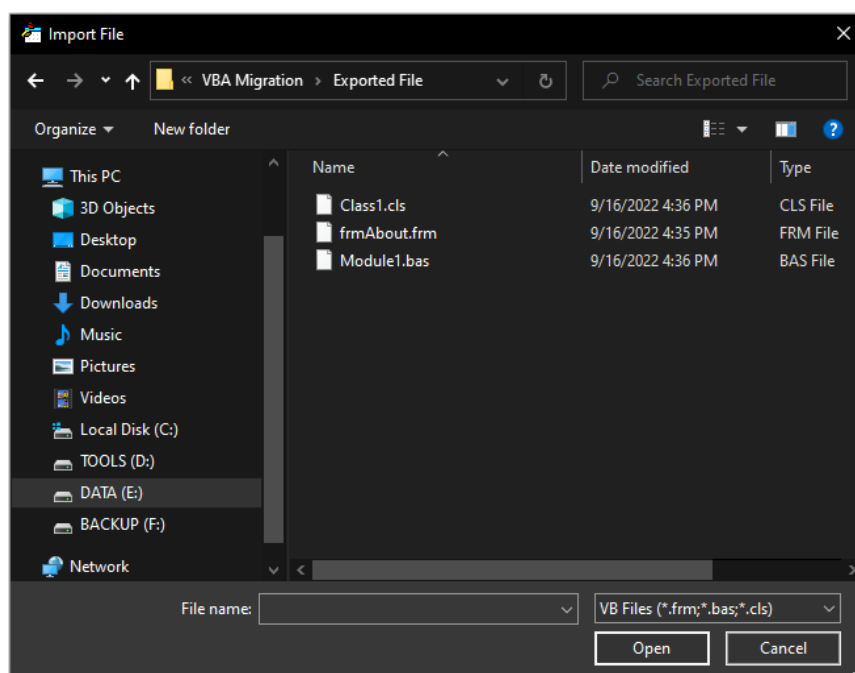


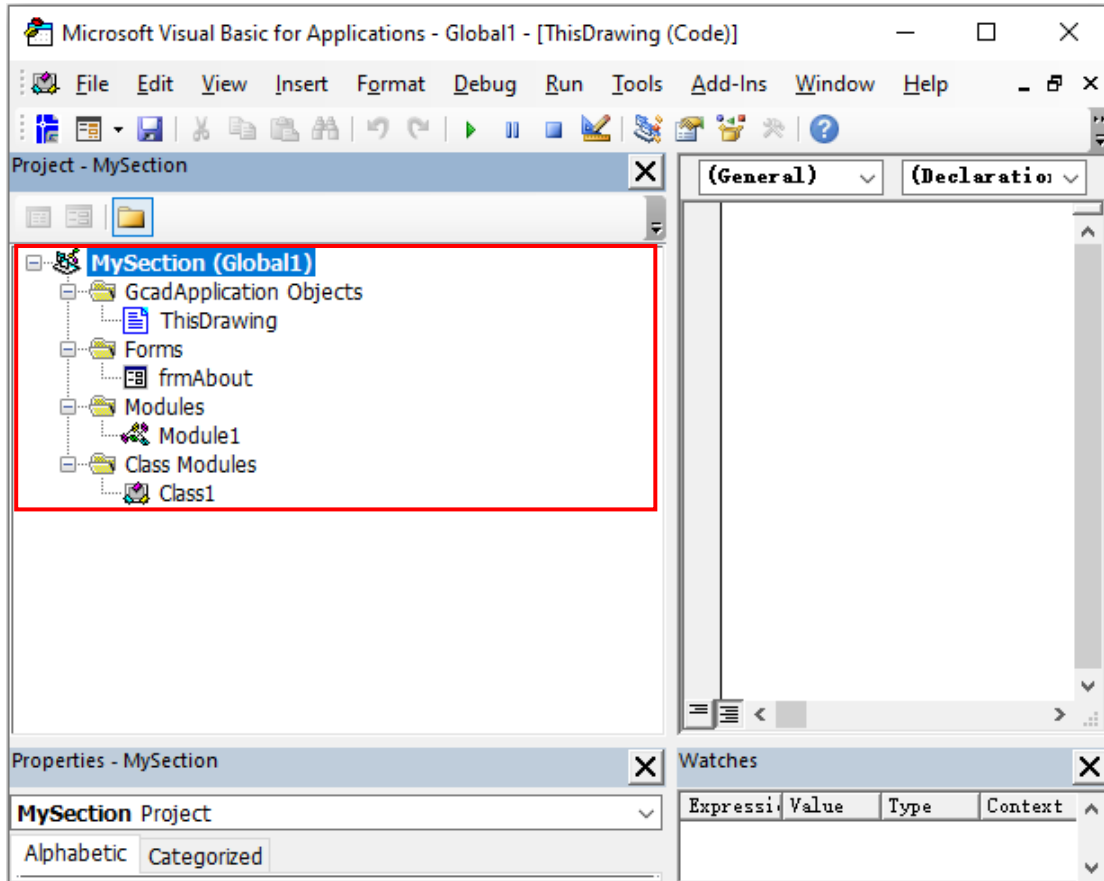
1.7. Import File

- 1) Right click on 'MySection' project and select the **Import File....** The **Import File** dialog window pops out, as shown below.



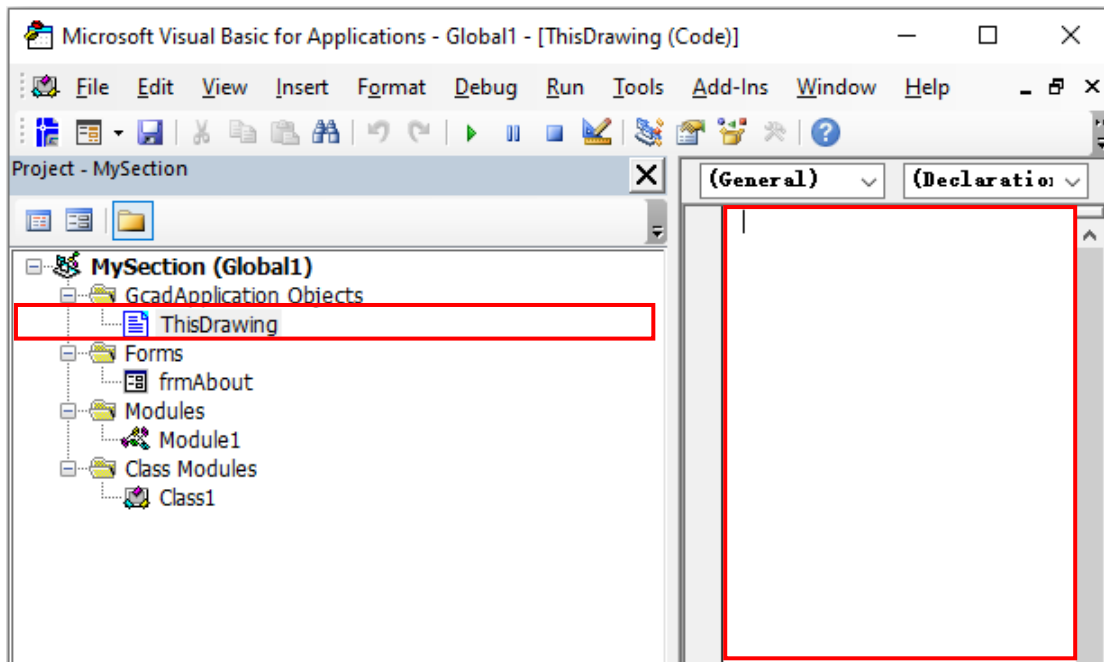
- 2) Select all files just exported from AutoCAD and import into 'MySection' project, as shown below:





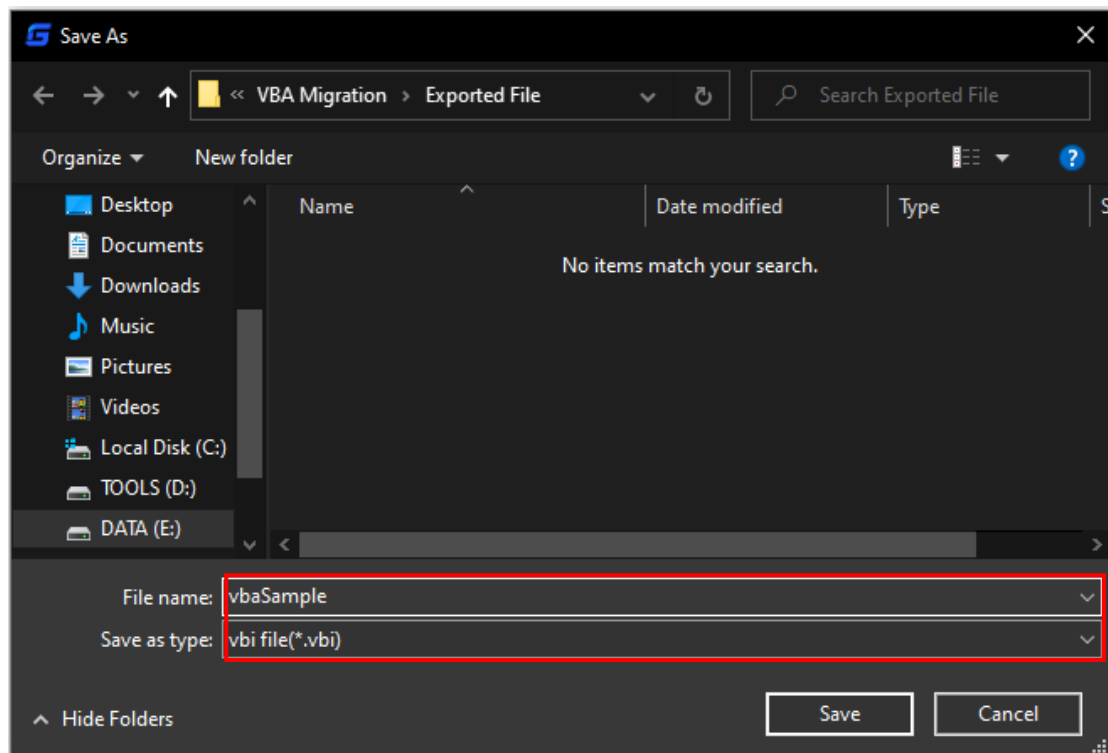
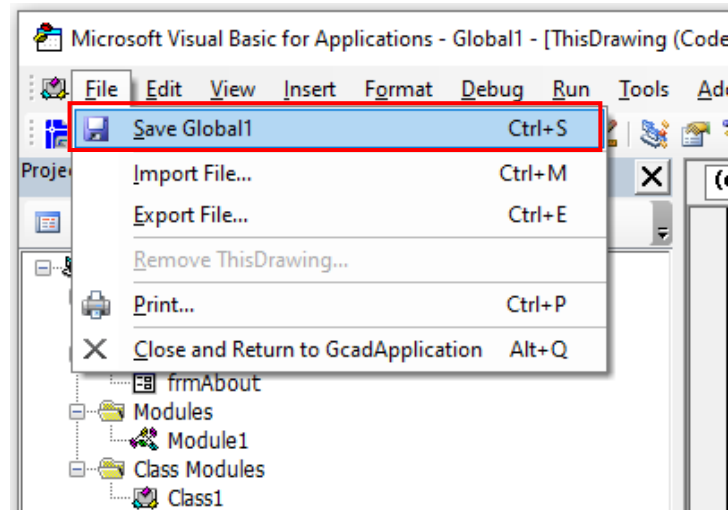
1.8. Import Code of 'ThisDrawing'

Copy the source codes exported from 'ThisDrawing' in AutoCAD to 'ThisDrawing' here in GstarCAD VBA editor.



1.9. Save as GstarCAD VBA Project (.vbi)

Click **File**→**Save** to save 'MySection' project as 'vbaSample.vbi', as shown below:



NOTE: The extension name of AutoCAD VBA project file is 'DVB' while the extension name of GstarCAD VBA project file is 'VBI'.

2. Modify Migrated Code

- 1) Replace the prefix '*Acad*' of COM object name used in migrated codes with '*Gcad*' in correspondance with GstarCAD, e.g. replace "*AcadLine*" with "*GcadLine*".
- 2) Replace the '*autocad.application*' used in migrated codes with '*gcad.application*' in correspondance with GstarCAD.

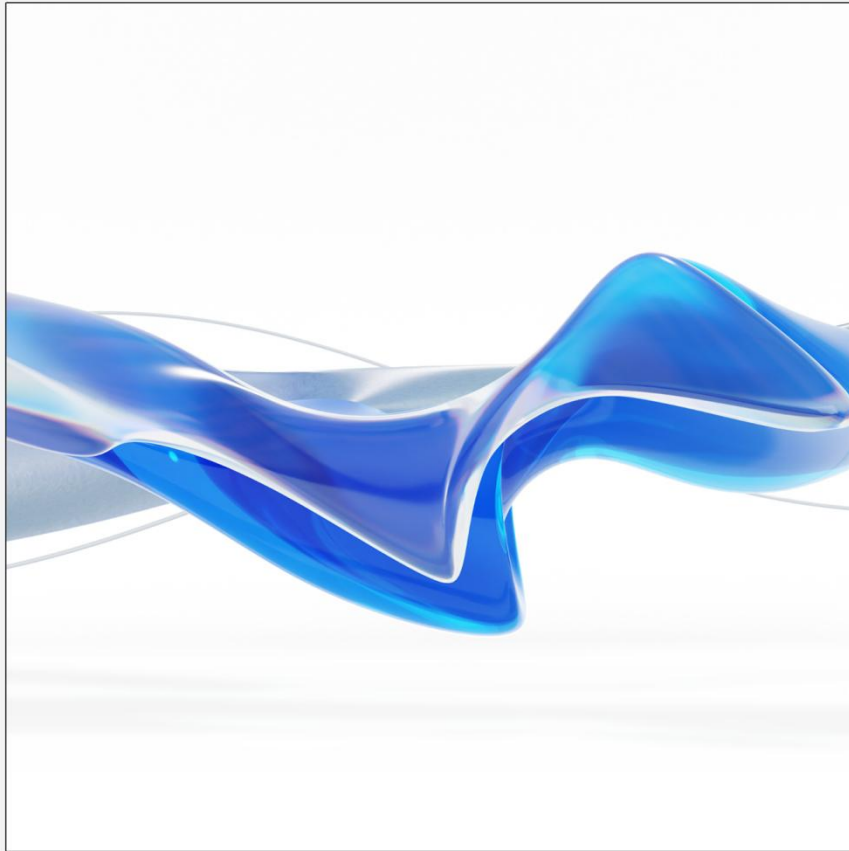
3. Copyright

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