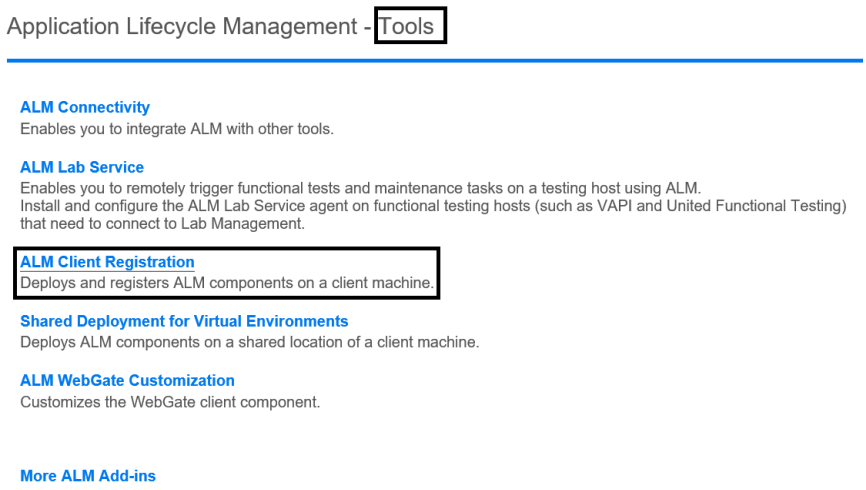
ALM QC – Beginners guide to implement OTA API using Excel Macro(VB script)

Guide on steps to use OTA API in Excel Macro using Visual Basics (VB)

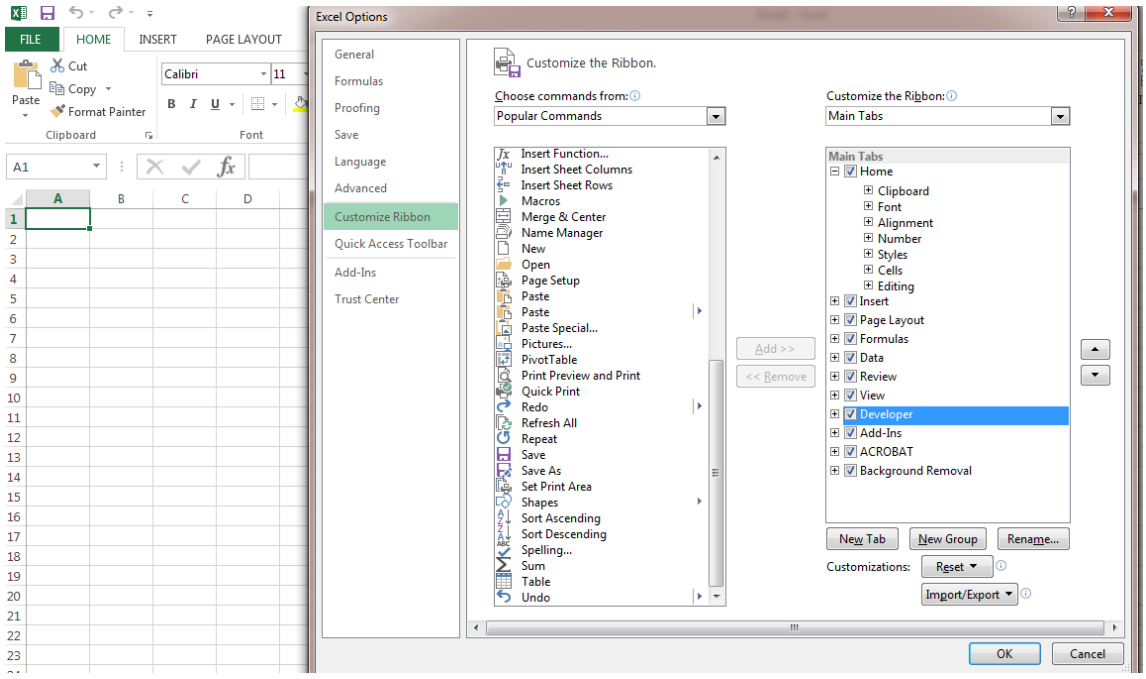
MICRO FOCUS

High Level Overview for implementing ALM QC-OTA API in Excel Macro using Visual Basic

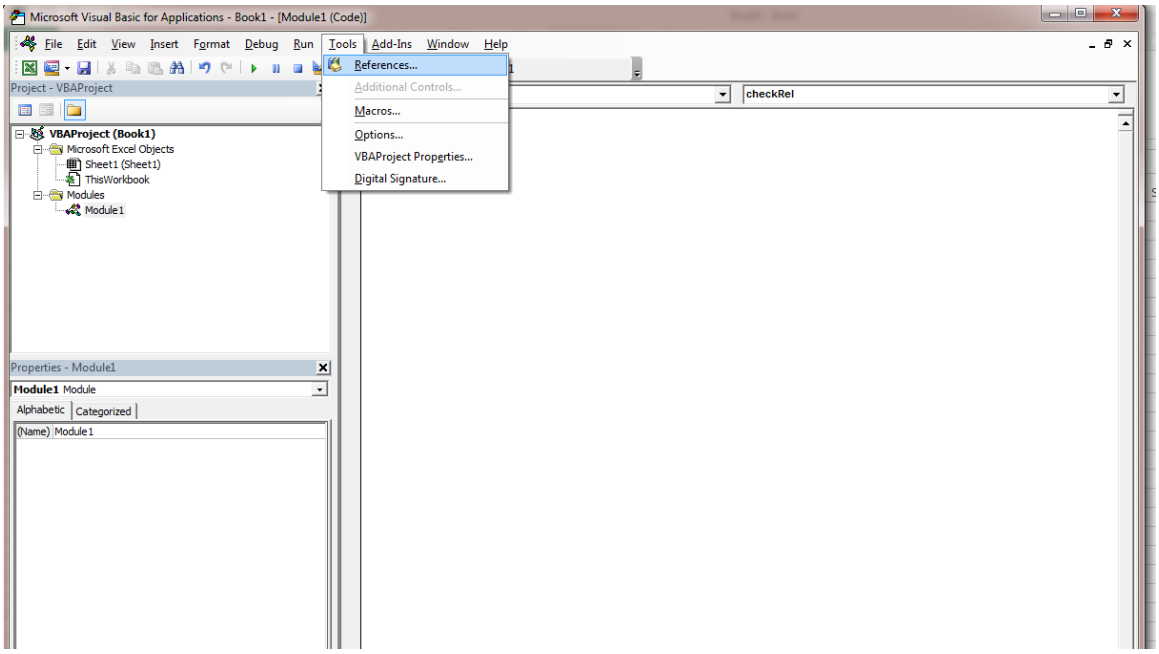
1. Register ALM client on user machine which will run OTA API.

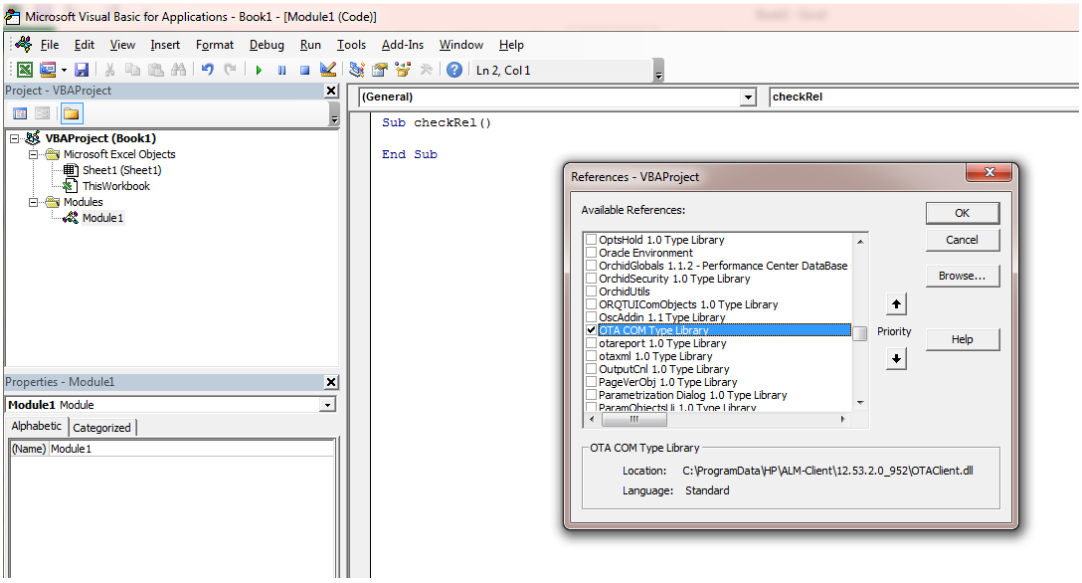


2. Enable Developer Customize Ribbon , if not already enabled in Excel.



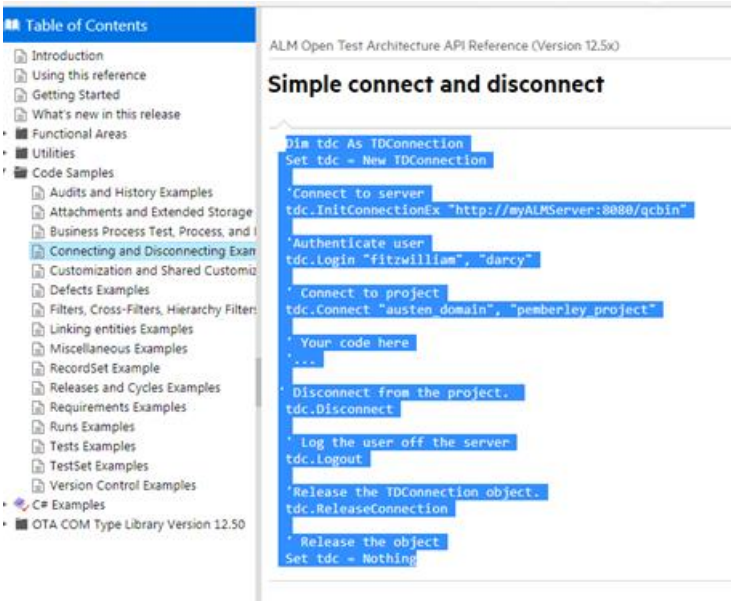
3. Enable OTA COM Type Library in Excel by going to Tools → References in Micorsoft Visual basics window.





4. Begin with creation of Macro by first connecting to ALM server . Sample codes are available in OTA API help center for different ALM QC versions

   ALM HelpCenter URL
   https://admhelp.microfocus.com/alm/en/12.60/api_refs/ota/Default.htm#ota/topic96.html



Sample code to connect to ALM QC server

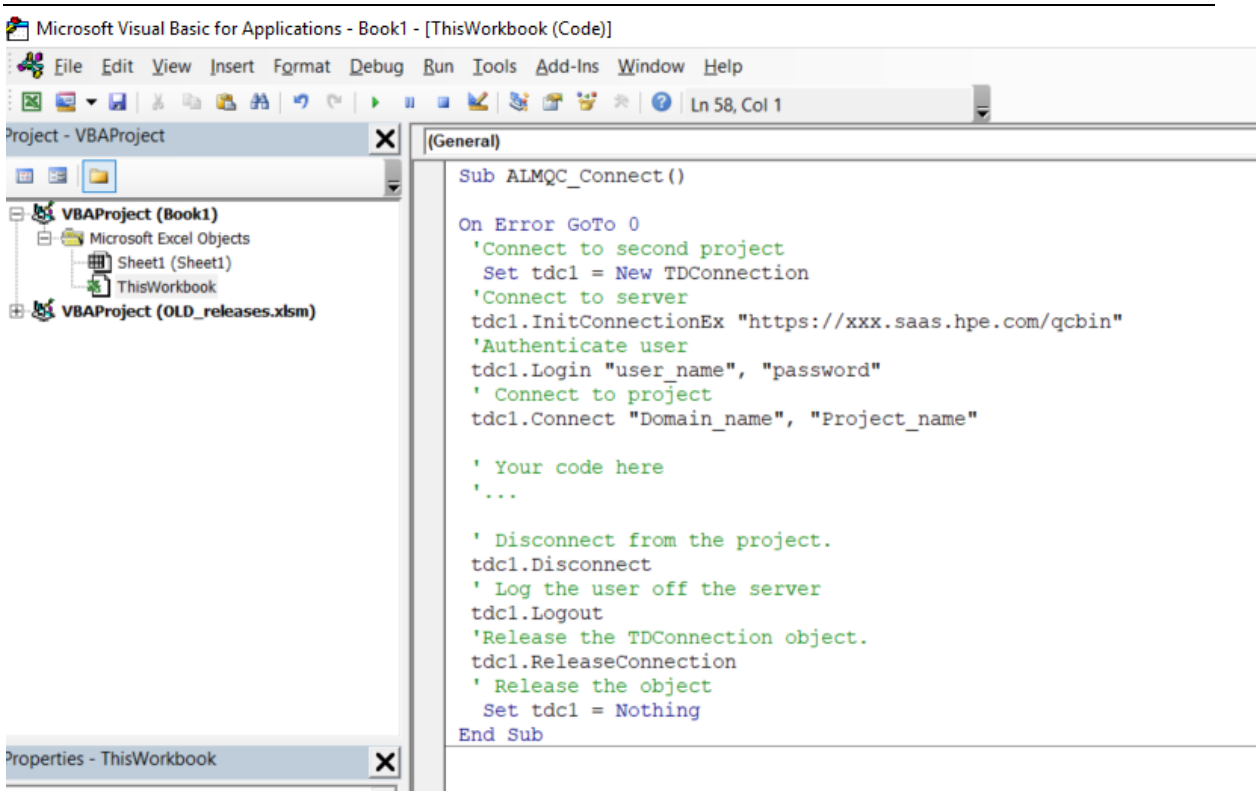
----------Code----------

```
Sub ALMQC_Connect()

On Error GoTo 0
 'Connect to second project
  Set tdc1 = New TDConnection
 'Connect to server
 tdc1.InitConnectionEx "https://xxx.saas.hpe.com/qcbin"
 'Authenticate user
 tdc1.Login "user_name", "password"
 ' Connect to project
 tdc1.Connect "Domain_name", "Project_name"

 ' Your code here
 '...

 ' Disconnect from the project.
 tdc1.Disconnect
 ' Log the user off the server
 tdc1.Logout
 'Release the TDConnection object.
 tdc1.ReleaseConnection
 ' Release the object
  Set tdc1 = Nothing
End Sub
```



5. Then work on creating custom code to accomplish different requirements through OTA API . There are Sample codes available in Help Center that can be used and microfocus community also has sample codes for different use cases that can be used for reference to implement different requirements.

   Micorfocus Community Link –
   https://community.microfocus.com/t5/ALM-Quality-Center/ct-p/sws-QC

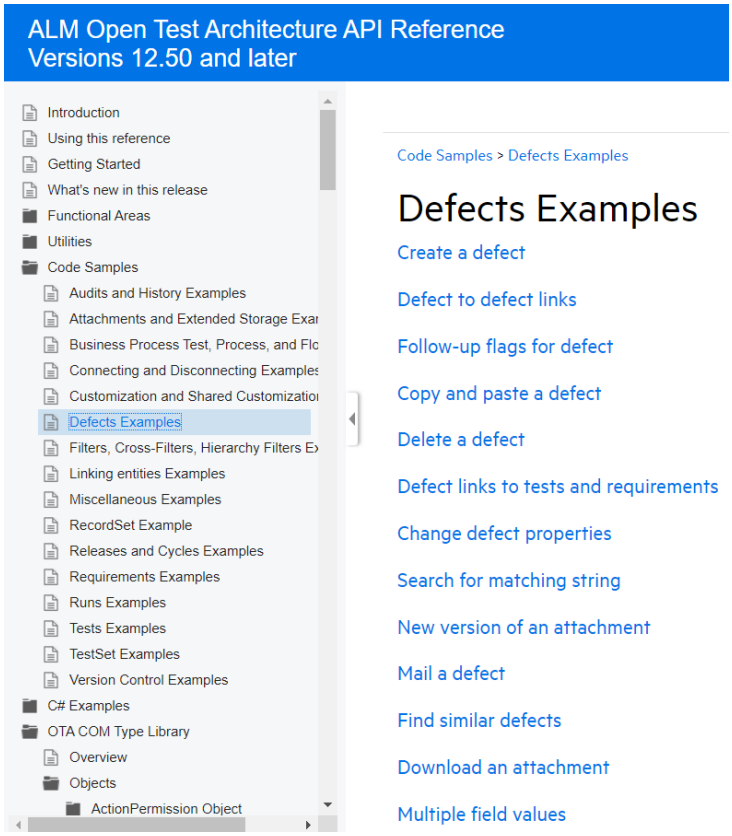
   Help Center Link –
   https://admhelp.microfocus.com/alm/en/12.55/online_help/Content/Resources/_TopNav/_TopNav_Home.htm

   For OTA API reference - Advanced Help → API References → ALM Open Test Architecture API Reference

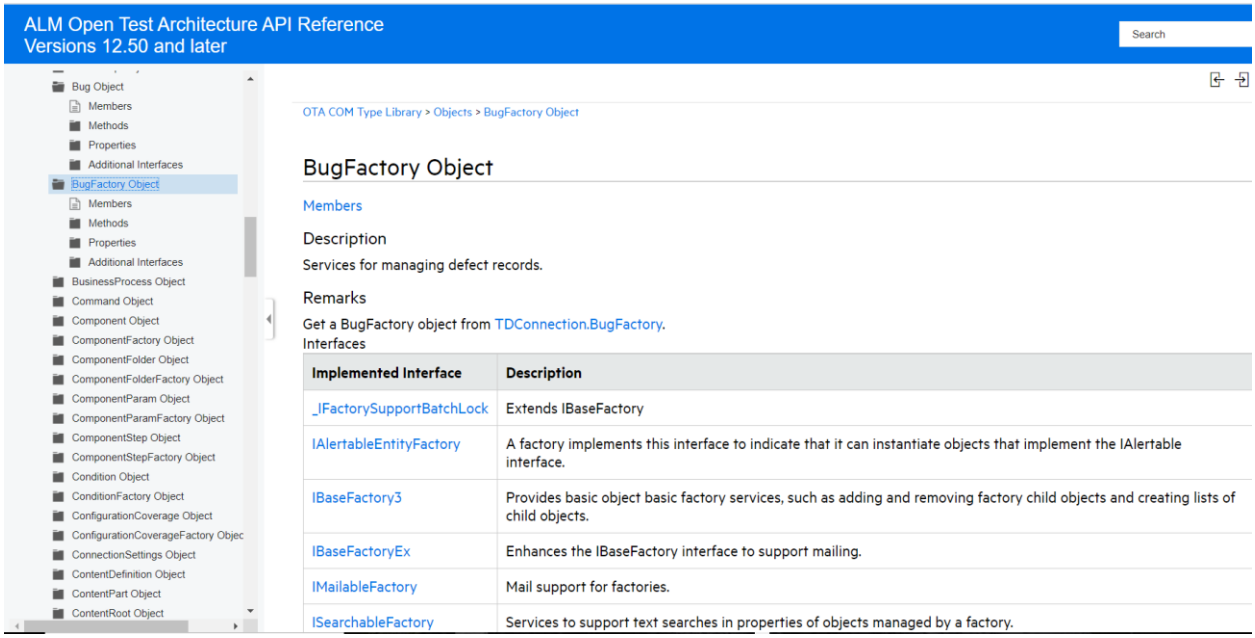
   Examples –
   - Sample OTA code to filter defects

https://community.microfocus.com/t5/ALM-QC-User-Discussions/Need-Sample-OTA-code-to-filter-defects-and-grouping-them/m-p/1639004

- Code samples in Help center



- Object references for OTA API in Help center



Thank You