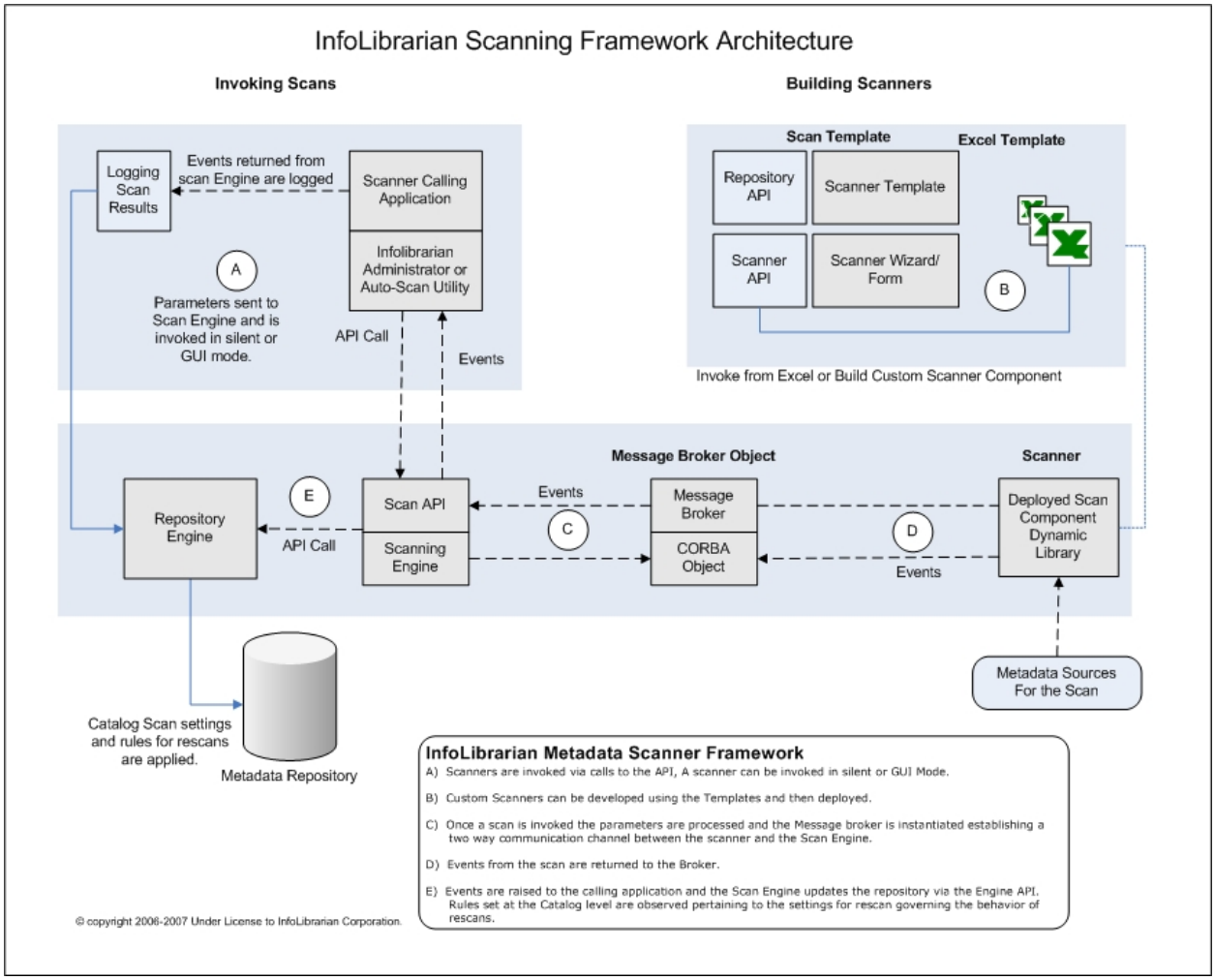
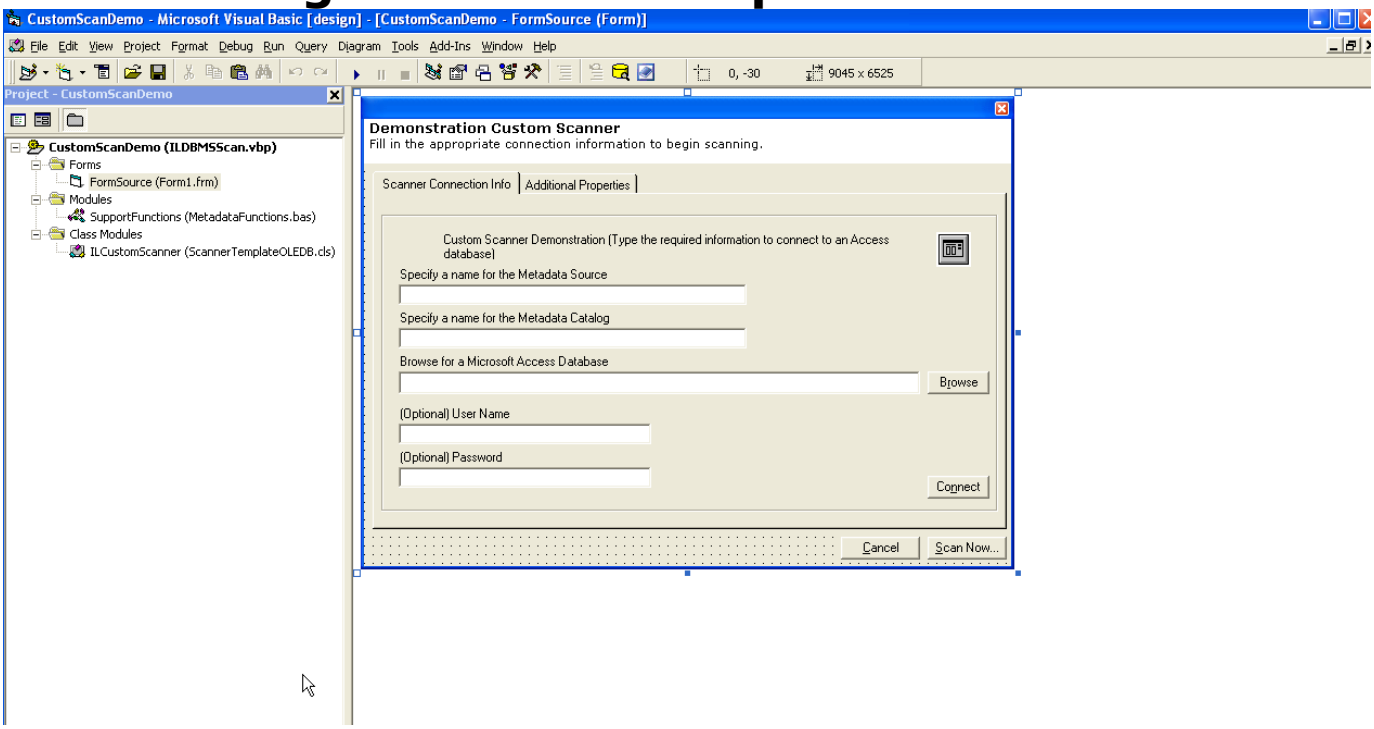
Custom Scanner Development



Customizing a Scanner Template



Scanner Form

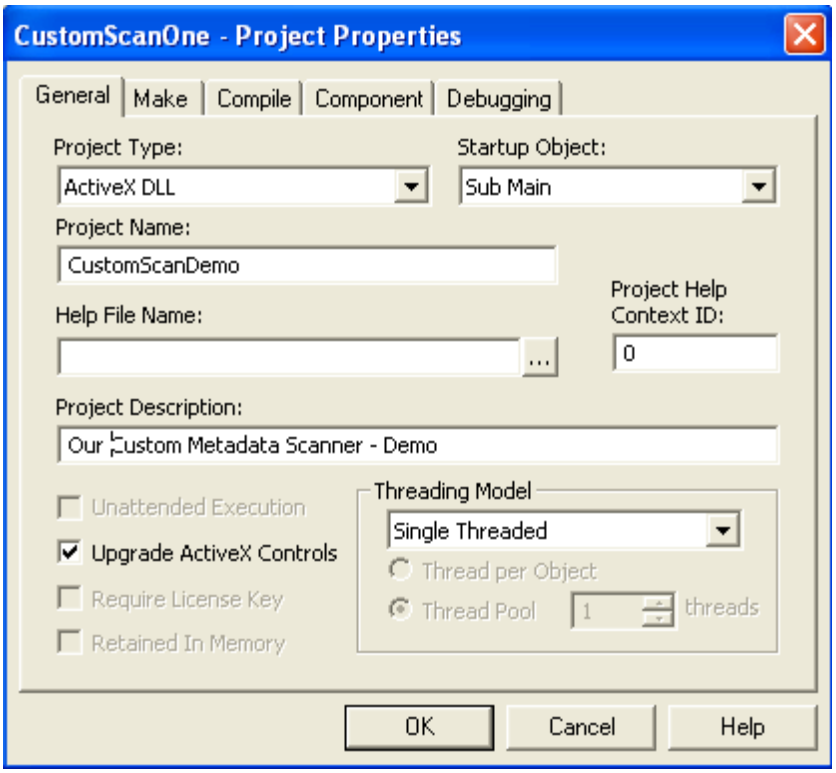
You will notice a form within the scanner project; this form is setup for passing the scanner parameters into the main scan function. Modify this form to customize a new scanner. In most cases you can select a template and only modify the title etc… on this form to distinguish your custom scanner in your environment. But you will not normally need to change the form itself. Note: If you do customize this form be sure to code the appropriate handlers behind the form as per the code template.

Scanner Code

The primary method of customizing a scanner involved modifying this function only: MapMetadata()

The MapMetata function contains the code for mapping the source metadata to the repository utilizing the Scanner and Repository API function calls. Please refer to the SDK documentation for more information.

Registering a Custom Scanner
Visual Basic Project Properties Dialog



Within the Project Properties Dialog, Provide a name and description for your custom scanner.

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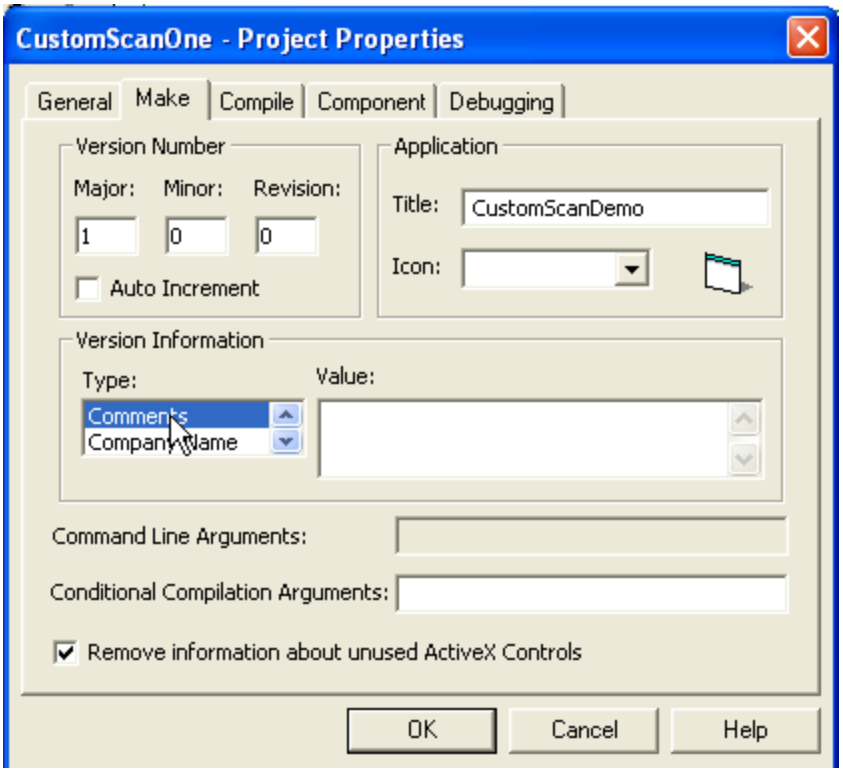
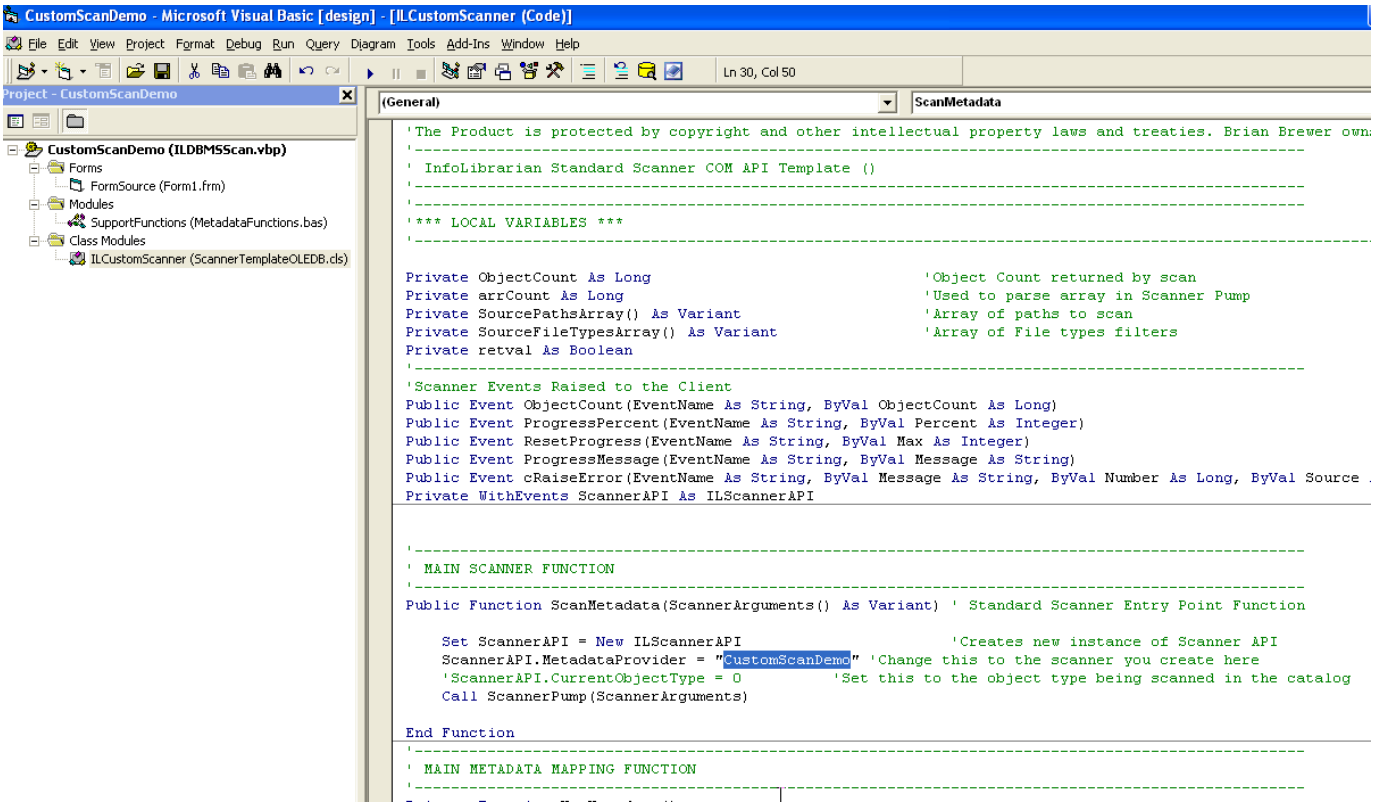
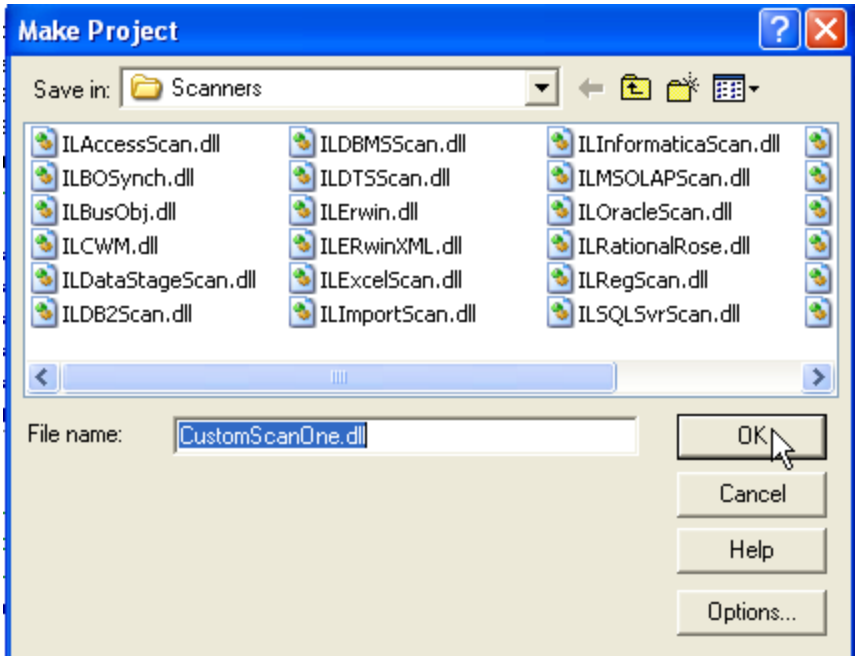


On the Make tab ensure that the title is the same as in the previous step.



Important, within the Class “CustomScanner”, change this line of code to specify the scanner name provided in the previous 2 steps. Ensure that it is identical and it is case sensitive.

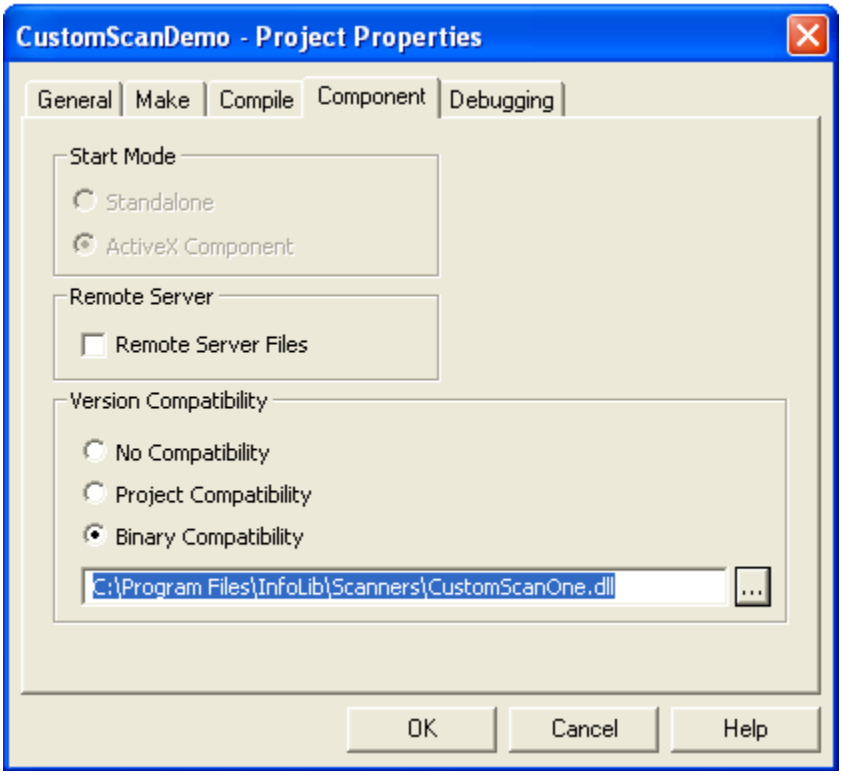
Building the DLL for the Scanner



In the file menu click "Make xxx.dll" to compile your dll.

Provide a unique dll name here.

Once the dll is initially built…



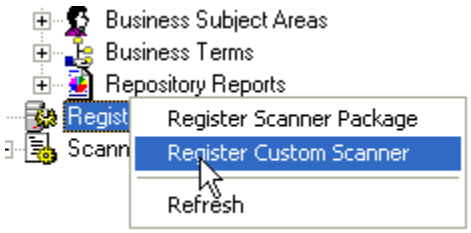
Within the project properties dialog, set the Binary Compatibility then rebuilt the dll.
This will enable debugging and proper registration of the dll.

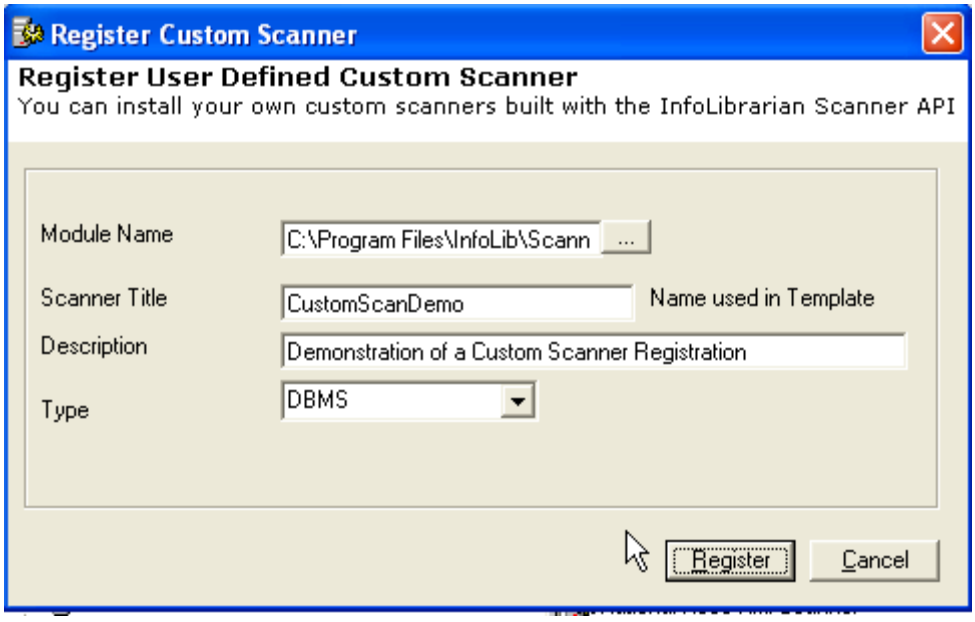
Note : When building a custom scanner for the first time, ensure that the binary compatibility is set to "No Compatibility" Build the dll then reset to "Binary Compatibility" then rebuilt the dll again before deploying.

Registering the Scanner

1. Copy the dll to the machine on which you wish to register the custom scanner.
2. Register the new scanner dll using regsvr32.exe
3. Open the InfoLibrarian Administrator

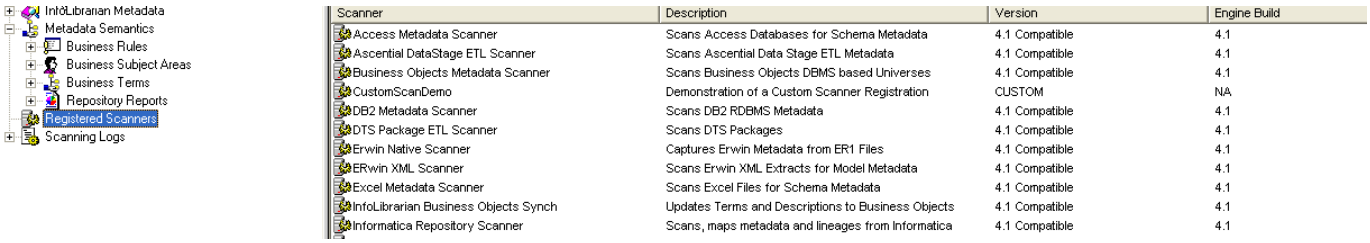
Right click on the "Register Custom Scanner" in order to register your new custom scanner.





In this dialog enter the information as follows:
Module Name: Full path to dll created
Scanner Title: Name specified in the project dialog and template
Any description you wish
Choose the type of scanner template that was utilized for building this custom scanner.

Running the Scanner



Once you refresh the list you should see your custom scanner registered similar to the above. You will notice the version should indicate "CUSTOM"

Double Click the scanner to run it as with any other scanner.