

## Welcome to the C-Pen Add-on Developer Group!

The C-Pen Core application uses **WCF** (Windows Communication Foundation), to communicate with Add-on applications (<http://msdn.microsoft.com/en-us/library/ms731082.aspx>). The WCF service settings are found in *CPenCoreApp.exe.config*, and can be modified if needed.

The sample code is available in form of a .NET application written in C#. The sample code installation will by default end up under the program files folder on your PC. It is often a good idea to move the entire folder to your development folder structure. The steps for testing the code will be outlined below. In short you will have to have *C-Pen Core* installed, build the sample code with *Visual Studio* and then test the sample add-on application.

Sample code requirements:

- A. Microsoft Visual Studio 2008 or later.
- B. Installed sample code, downloaded from “Developer” at [www.cpen.com](http://www.cpen.com).

Steps to test the Add-on:

1. Install Microsoft Visual Studio(if not already done).
2. Move the installed sample files to a directory of your choice.
3. Double click on the file *CPenWCFClient.sln* in the sample code folder.
4. Build the application.
5. We recommend that you single step through the code to see how it works.
6. Place a breakpoint on “*PenConnect*”.
7. Connect your C-Pen via USB or Bluetooth to your computer.
8. You will now stop at the set breakpoint.
9. Please also try placing a breakpoint at “*NewScanComplete*”
10. Scan some text with C-Pen.
11. When the breakpoint is hit, you will see the scanned text in the *msg* variable.
12. Modify the text for your needs, e.g. remove all characters that are not digits.
13. Send the text back to C-Pen Core via the “*TextFromClient*” function and C-Pen Core will paste the text to the current cursor position.

You now have a functional add-on application that you can expand on.

If you have question you can email [developer@cpen.com](mailto:developer@cpen.com). The answer may not be instant but we will try to answer all questions.