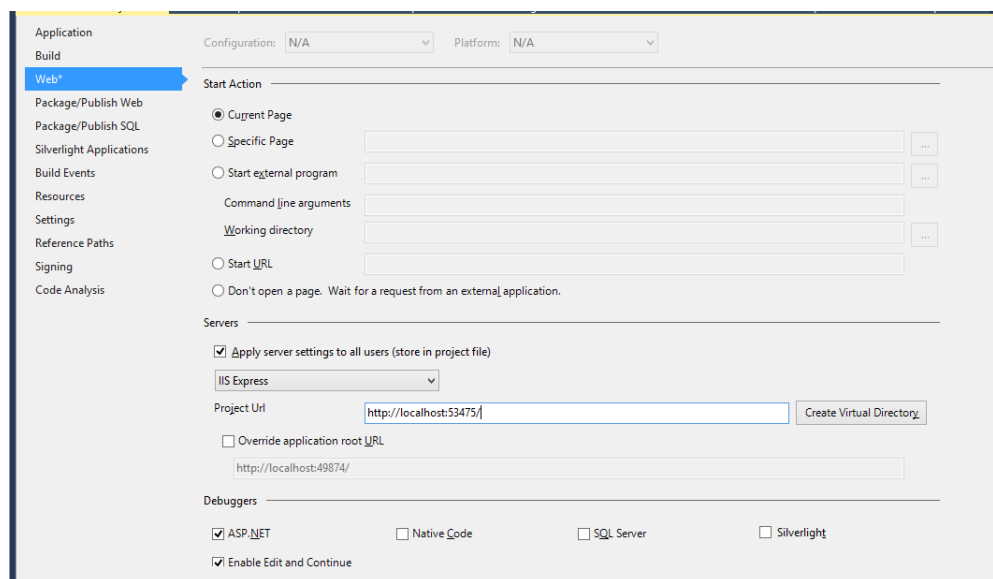


# ObtainNimbleAPIKey project description

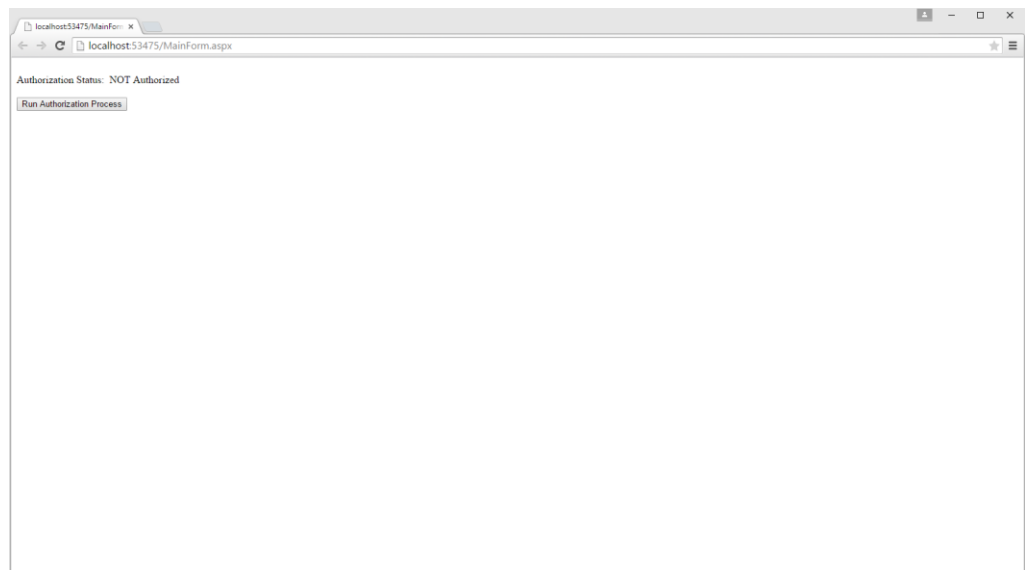
1. The only purpose of the project is to demonstrate how to obtain Nimble API access token using C# and ASP.NET.  
Provided code is not assumed to treat as clean and correct under real production usage.
2. Code was created and tested using Visual Studio 2015 RC Community Edition:  
<https://www.visualstudio.com/en-us/downloads/visual-studio-2015-downloads-vs.aspx>
3. All personal configuration data (client id, client secret and redirect URL) should be put within web.config file.
4. Project structure:
  - a. Project was created from build-in VS ASP.NET application template (empty project template for creating ASP.NET application).
  - b. 2 web forms (MainForm.aspx and HandleCodeForm.aspx) and 1 class (NimbleAPIUtils.cs) was added manually.
  - c. Value of 'Project Url' field under Project->Properties->Web was set to appropriate value of redirect URL.



## 5. Launching the project

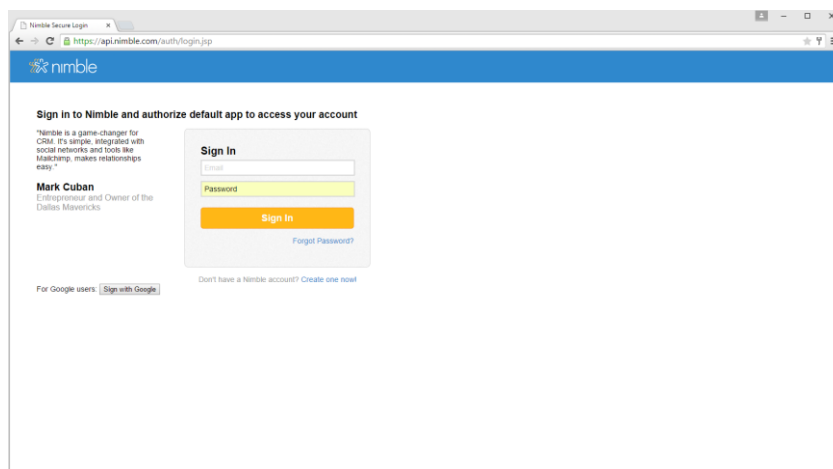
After you set up all needed data and run the project, you will see the following:

### a. MainForm form



It is used for initiating authorization process via clicking on button, and display current status of authorization.

### b. After clicking on 'Run Authorization Process' button, the process described under [http://nimble.readthedocs.org/en/latest/obtaining\\_key/#requesting-authorization-grant-code](http://nimble.readthedocs.org/en/latest/obtaining_key/#requesting-authorization-grant-code) will be started:



### c. After correct credentials was provided and permission was granted, flow will be switched to HandleCodeForm.aspx in order to handle step [http://nimble.readthedocs.org/en/latest/obtaining\\_key/#requesting-access-token](http://nimble.readthedocs.org/en/latest/obtaining_key/#requesting-access-token)

- d. Once access-token was obtained successfully, flow redirected to MainForm, and value of access-token is displayed:

