InsiteCommerce 4.1 SDK Setup Instructions

This is the setup instructions on how you will prepare your local machine to run the InsiteCommerce 4.1 installer and launch a site locally. Before beginning the installation process, make sure your machine meets all the prerequisites.

Installer Perquisites:

- Visual Studio 2013
- Internet Information Services (IIS)
- PowerShell
- .Net Framework 4.5.2

Install InsiteCommerce

Running the InsiteCommerceSetup.exe installer with walk you through setting up your project directory, configure IIS, and setup the SQL Database.

Run this file and then proceed to configure Visual Studio.

Configuring Visual Studio 2013

In order to build the InsiteCommerce solution in Visual Studio 2013, Visual Studio will need to be configured to support SASS and Typescript. The following steps will walk you through this process. We currently use Grunt to compile our SCSS files.

Note: Run Command Prompt, PowerShell, and Visual Studio as administrator

1. Run the command below in a Command Prompt as administrator to Install Chocolatey to assist in installing some of the dependencies.

```
@powershell -NoProfile -ExecutionPolicy unrestricted -Command "iex ((new-object net.webclient).DownloadString('https://chocolatey.org/install.ps1'))" && SET PATH=%PATH%;%ALLUSERSPROFILE%\chocolatey\bin
```

2. Open PowerShell as administrator
3. Install **nodejs** by running the following command in PowerShell as administrator, Node.js is a dependence of Grunt:

```
choco install nodejs.install
```

Enter 1 to run the script.

4. Install ruby by running the following command in PowerShell as administrator, Ruby is a dependency for SASS as it is a gem from Ruby:

```
choco install ruby
```

5. Restart PowerShell as administrator so that new Windows Environment variables get picked so we can continue the setup
6. Run the following commands in PowerShell:

   Installs Grunt

   ```
   npm install -g grunt-cli
   ```

   Installs Typescript

   ```
   npm install -g typescript
   ```

   Installs SASS

   ```
   gem install sass
   ```

   Installs Compass

   ```
   gem install compass
   ```

7. Open Visual Studio and install the following visual studio extensions, preferred method is to use the Nuget package manager in Visual Studio. These extensions are dependencies for Grunt.
   - Task Runner Explorer https://visualstudiogallery.msdn.microsoft.com/8e1b4368-4afb-467a-bc13-9650572db708
   - Package Intellisense https://visualstudiogallery.msdn.microsoft.com/65748cdb-4087-497e-a394-2e3449c8e61e
   - Grunt Launcher https://visualstudiogallery.msdn.microsoft.com/dcbc5325-79ef-4b72-960e-0a51ee33a0ff
8. Restart Visual Studio as administrator
9. Launch the Insite Commerce solution in Visual Studio
10. Right click package.json (located in the root of the web project) and click NPM install packages

11. Verify the Grunt setup, right click the gruntfile.js (located in the root of the web project) and click Task Runner Explorer (the window should load the gruntfile and you should see multiple tasks in the left part of the window, if not try clicking the refresh button or restarting visual studio)
12. Build the Solution
13. Once build succeeds you should now be able to view the site.

Troubleshooting

Bundling Error

If you see bundling errors, try manually running the sass task. This can be done in task runner explorer or by right clicking the gruntfile.js, selecting the grunt menu, and clicking on grunt: sass.

If you see the following error "Fatal error: Unable to find local grunt." try re-installing grunt in powershell by using the following command, then restart visual studio. *npm install -g grunt-cli*

X509 Certificate Error

Should only be used for development / qa, this is the certificate that comes with IdentityServer3 and anyone who downloads it would have the private key for it.

When deploying to production, a real X509 Certificate should replace this one. Developers should be able to use their SSL certificate. Add the insiteidentity.pfx file to the bin folder of the web application.