Setup For the ASP.NET WebForms Canvas Samples

## Background

When testing a Facebook canvas app (a web application that runs inside of the Facebook chrome via an IFrame or via FBML) you will want to have a real web address or at least one that looks real that you can make work on your machine. This also means that you will need to have this app running inside of IIS instead of the Visual Studio Web Server (aka Cassini).

## Facebook App Setup

Start by creating a Facebook application and then editing it making changes as follows:

About Tab  
Nothing needs to be set in any particular way here (for our sample – you might want to fill more in here for your production application)

### Web Site

* Site Url – should be an actual or fake HTTP address (for instance <http://cavasapp.myweb.com/>)
* Site Domain – Should be the domain part of the HTTP address given above (so in the example above it would be cavasapp.myweb.com)

### Facebook Integration

* Canvas page – should be filled in with something (this will be the address on Facebook that will serve up your content within Facebook)
* Canvas Type – Iframe

### Mobile and Devices

Shouldn’t matter here (but leave the Application type as HTML5/mobile web)

### Advanced

Set all the radio buttons in the Migrations to Enabled (and leave Sandbox disabled)

When you hit save you will be on an info screen. Keep this page up for reference while you configure the web site in Visual Studio

## Setup the Web.Config for a ASP.NET WebForms Canvas application

Open up the Web.Config and look for the “<facebookSettings” settings element, and change it as follows (from the Facebook screen you still have up):

* appId – Application ID
* apiKey - API Key
* apiSecret - API Secret
* baseDomain – Site Domain
* cookieSupport –“false” (optional: they can be set to true as well)
* maxRetries – “2” (or the number of times you want the SDK to retry an action)
* retryDelay – “1” (or how long do you want it to wait before retrying

Now, right below that tag you should see the “<canvasSettings” settings element. Change it as follows (again use the Facebook screen to help you):

* canvasPage – Canvas Page
* authorizeCancelUrl – “<http://www.facebook.com> “(or any URL you want it to go to when Authorization fails).

Congratulations, you have finished configuring the web app, but there is a little more to be done.

## (optional) Hosts file

If you want to make the URL you set up point to your local box that is easy. Open a text editor (in administrator mode by right clicking on the text editor) and open the following file: c:\windows\system32\drivers\etc\hosts

This file will let you redirect a domain address to the IP Address of your choice. Simply take your Domain Name and add a line at the bottom of the file that looks like this:

127.0.0.1 {replace with your domain}

So using canvasapp.myweb.com as the domain that would look like this:

127.0.0.1 canvasapp.myweb.com

There is one more step.

## Setup IIS

Add a new website under your sites, and set it up as follows:

* Site Name – can be anything, but use your domain name from above
* Physical Path – the sample web site you want to run
* Host Name – the Domain Name (this makes IIS respond to web requests asking for that domain name.. your machine will be the only one on the internet that should be doing that right now)

Next go to the application pools and locate the one for you domain. Double Click it and make sure you are running in .NET 4.0.

Finally go to (locate it in windows explorer) the directory where the sample is that you want to run. Right click on it choose security and make sure that the user role “Everyone” can modify (and all check boxes below that) that directory.

At this point you should be able to go to the Facebook canvas page’s Url, and your app should run.