IIS Local Development Setup
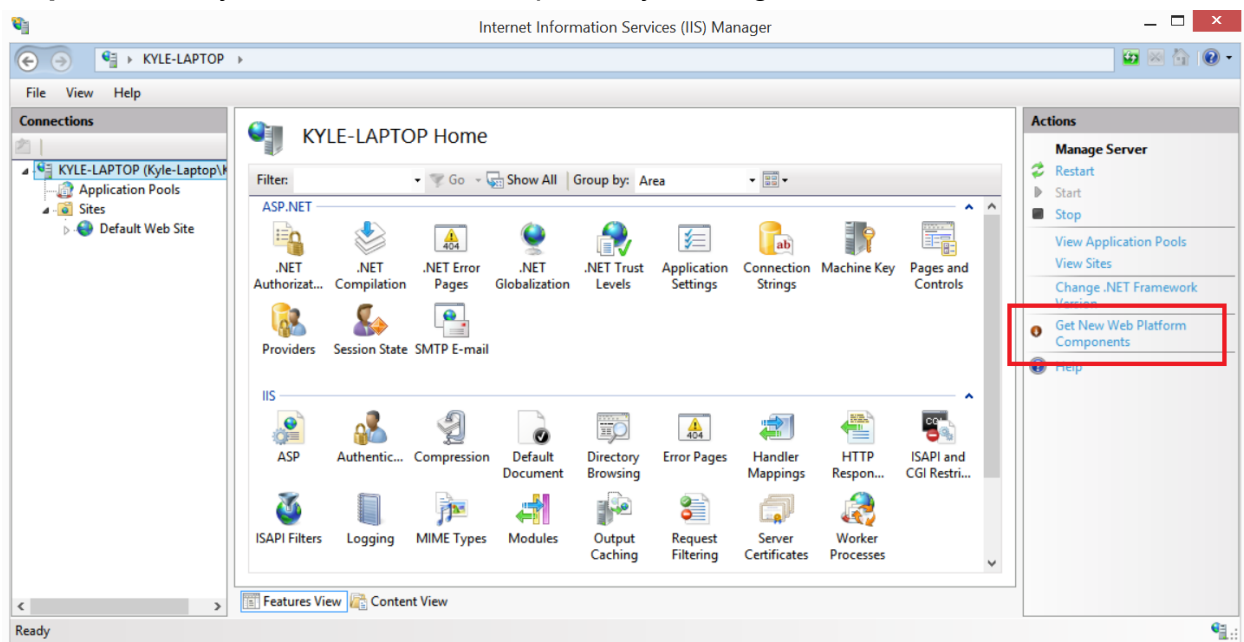
Configure IIS (Internet Information Services) on IIS to run a local website

Step 1 -- Clone the repository from GitHub

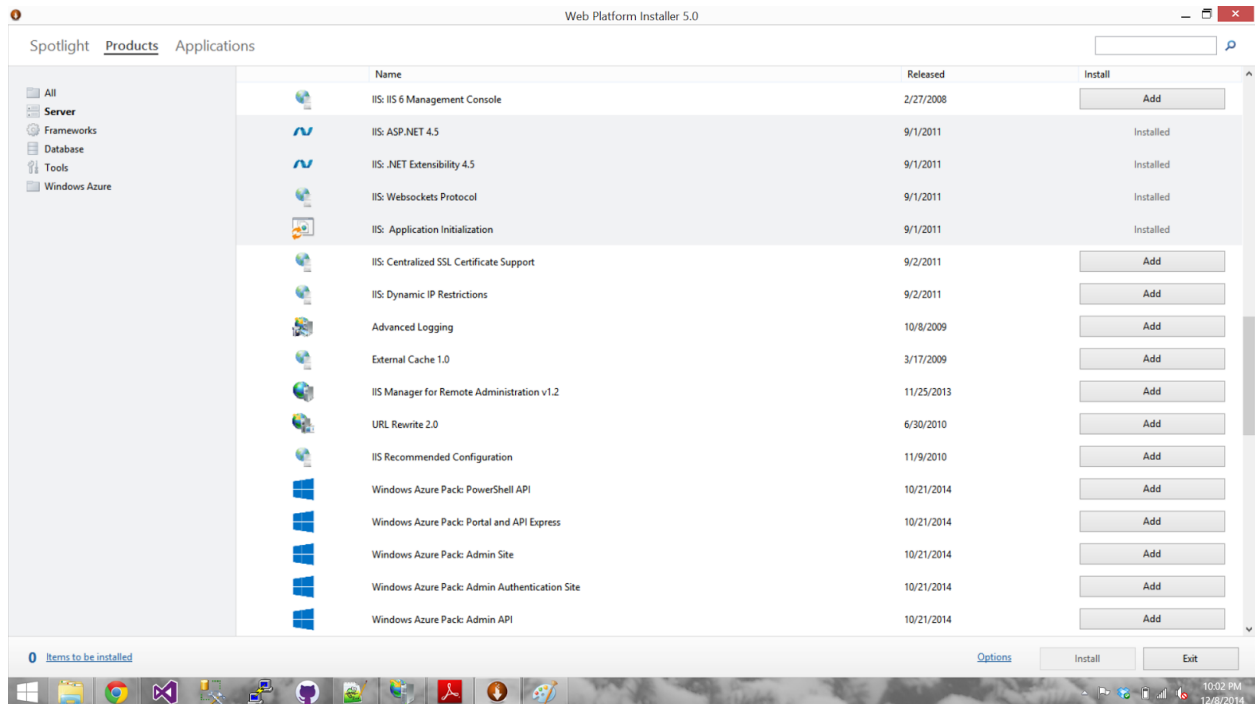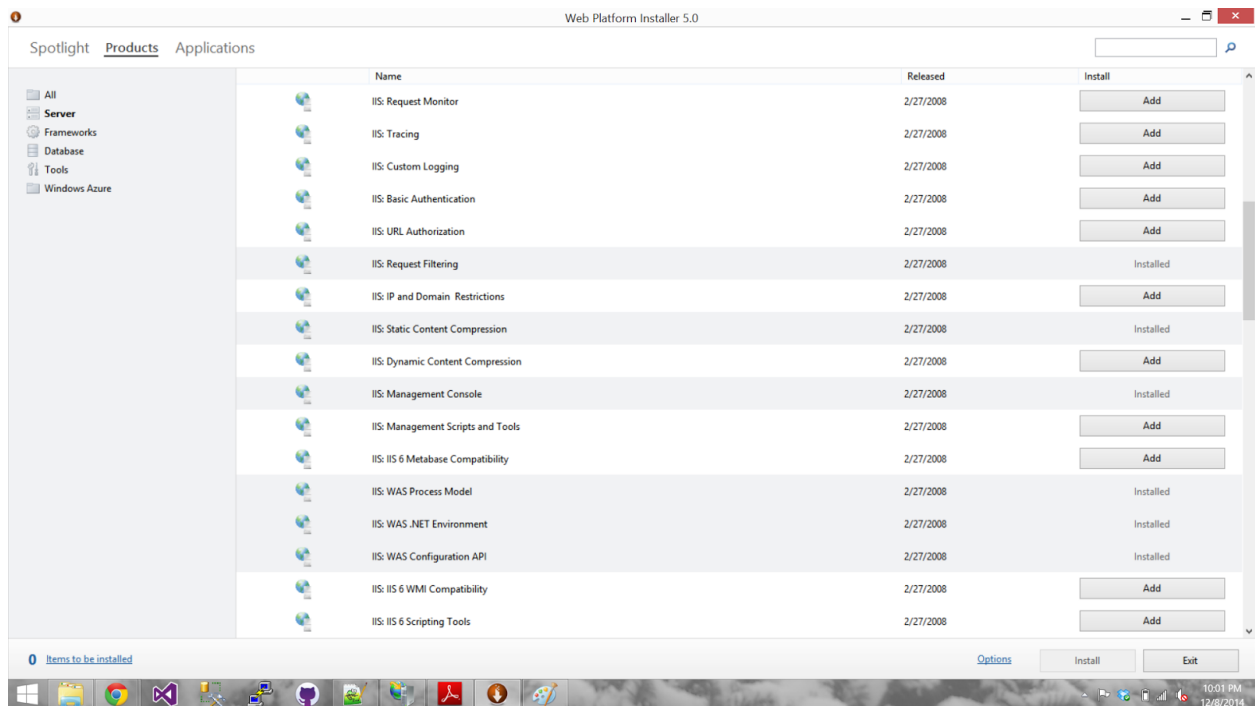**Step 2 --** Open IIS (Windows Key + S, then type in IIS)

Step 3 -- Make sure you have Web Platform Components installed

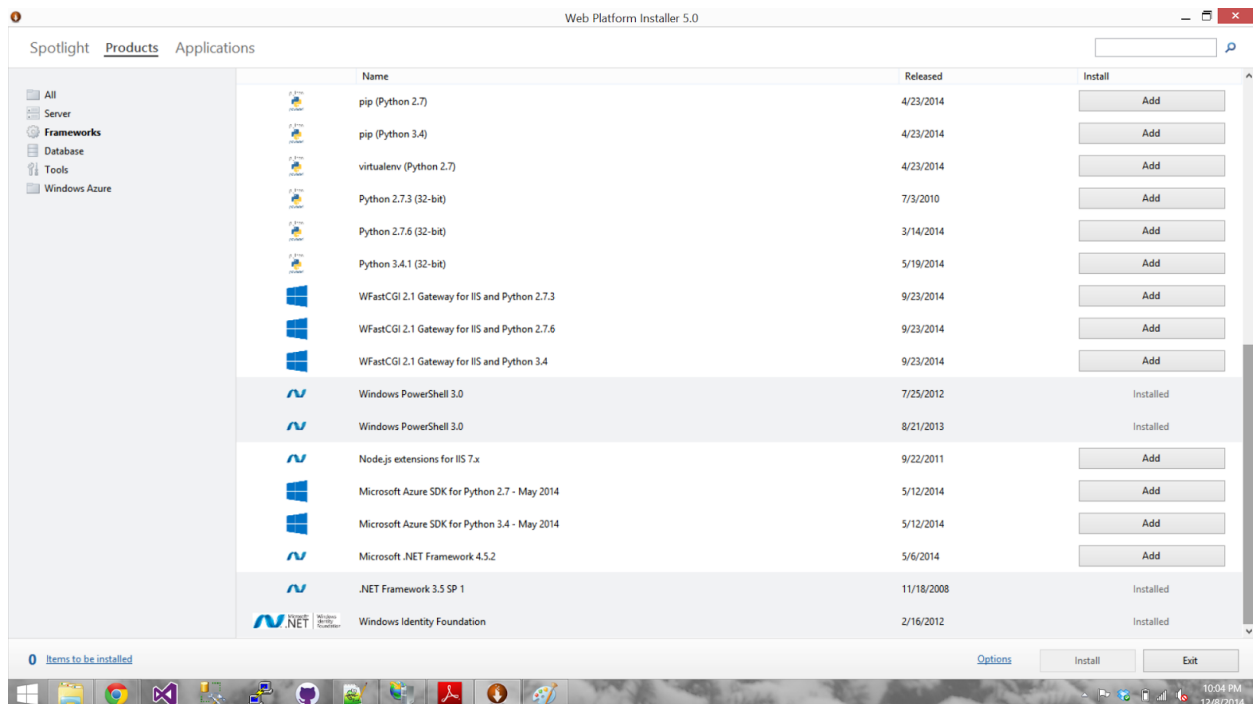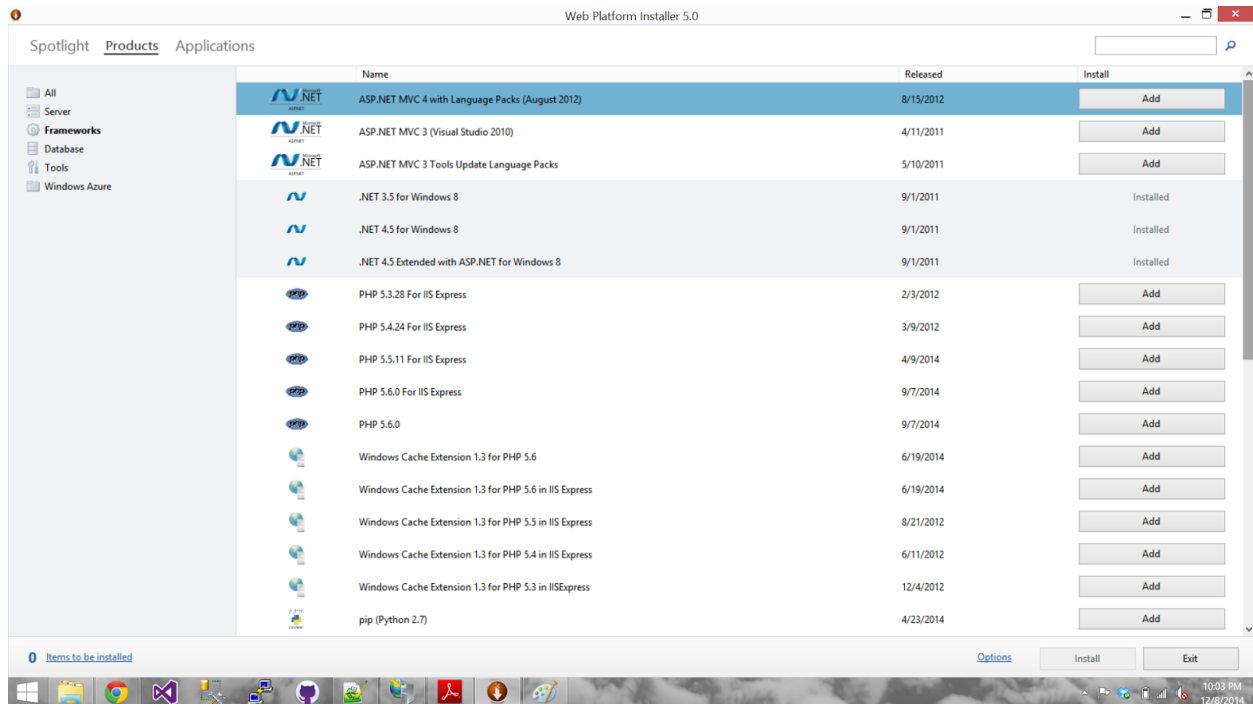**Step 4 --** Once you have it installed, open it by clicking Get New Web Platform....

Step 5 -- In Web Platform Installer 5.0, select the Products tab and then select the server filter on the left hand side
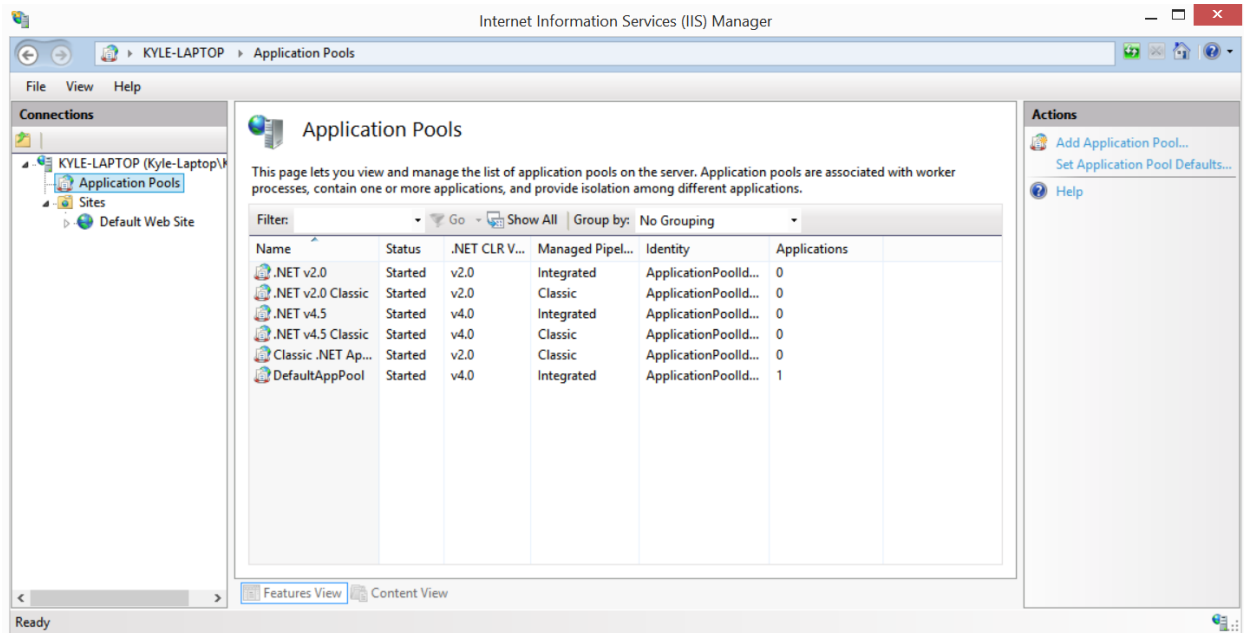
Step 6 -- Make sure you have the following things installed under the server selection
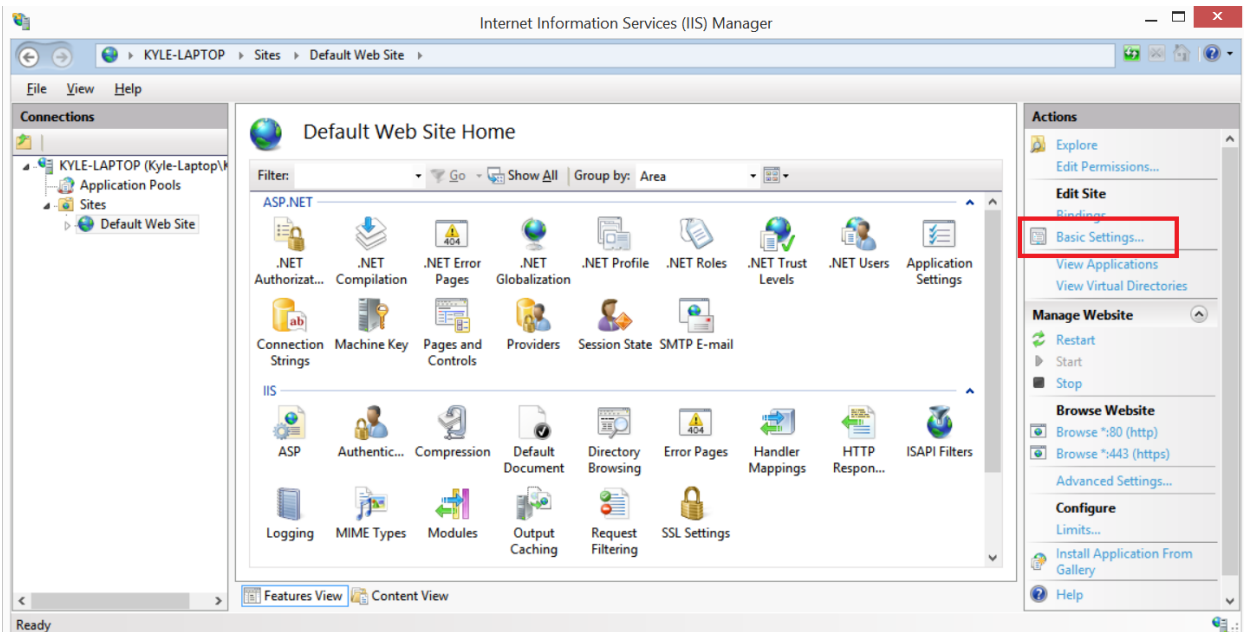

Name	Released	Install
IIS: Request Monitor	2/27/2008	Add
IIS: Tracing	2/27/2008	Add
IIS: Custom Logging	2/27/2008	Add
IIS: Basic Authentication	2/27/2008	Add
IIS: URL Authorization	2/27/2008	Add
IIS: Request Filtering	2/27/2008	Installed
IIS: IP and Domain Restrictions	2/27/2008	Add
IIS: Static Content Compression	2/27/2008	Installed
IIS: Dynamic Content Compression	2/27/2008	Add
IIS: Management Console	2/27/2008	Installed
IIS: Management Scripts and Tools	2/27/2008	Add
IIS: IIS 6 Metabase Compatibility	2/27/2008	Add
IIS: WAS Process Model	2/27/2008	Installed
IIS: WAS .NET Environment	2/27/2008	Installed
IIS: WAS Configuration API	2/27/2008	Installed
IIS: IIS 6 WMI Compatibility	2/27/2008	Add
IIS: IIS 6 Scripting Tools	2/27/2008	Add

Name	Released	Install
IIS: IIS 6 Management Console	2/27/2008	Add
IIS: ASP.NET 4.5	9/1/2011	Installed
IIS: .NET Extensibility 4.5	9/1/2011	Installed
IIS: Websockets Protocol	9/1/2011	Installed
IIS: Application Initialization	9/1/2011	Installed
IIS: Centralized SSL Certificate Support	9/2/2011	Add
IIS: Dynamic IP Restrictions	9/2/2011	Add
Advanced Logging	10/8/2009	Add
External Cache 1.0	3/17/2009	Add
IIS Manager for Remote Administration v1.2	11/25/2013	Add
URL Rewrite 2.0	6/30/2010	Add
IIS Recommended Configuration	11/9/2010	Add
Windows Azure Pack: PowerShell API	10/21/2014	Add
Windows Azure Pack: Portal and API Express	10/21/2014	Add
Windows Azure Pack: Admin Site	10/21/2014	Add
Windows Azure Pack: Admin Authentication Site	10/21/2014	Add
Windows Azure Pack: Admin API	10/21/2014	Add

Step 7 -- Now select the Framework filter on the left hand side and make sure you have the following installed

Step 8 -- Once you have installed all of the components for Server and Framework. Go back to IIS and select the application pools. You should have something like the following (the important one here is going to be the DefaultAppPool)

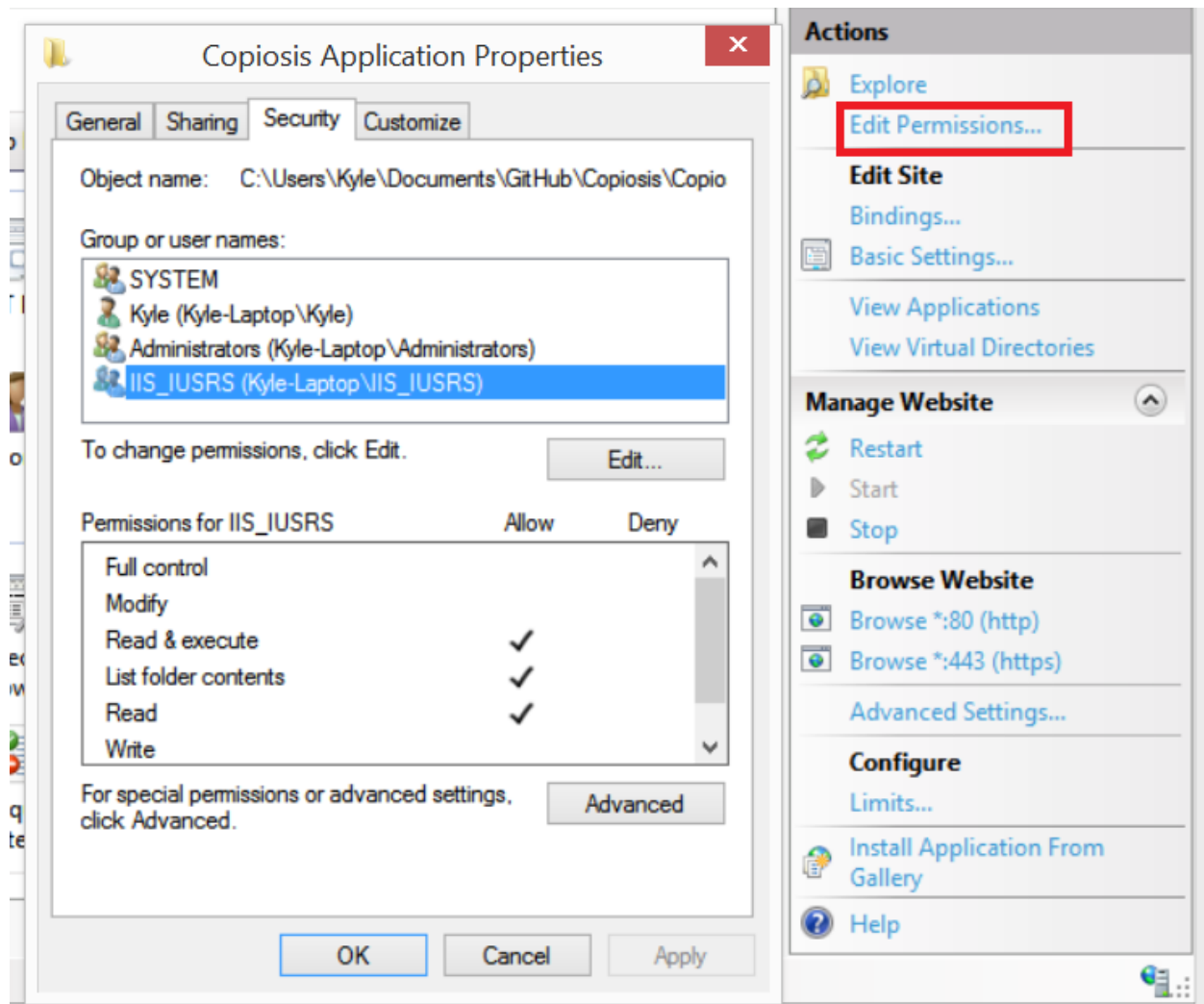**Step 9 --** Navigate to the Default Web Site and select Basic Settings

Step 10 -- Make sure the application pool is set to DefaultAppPool, the authentication is set to Pass Through, and that the physical path of the site is pointing to the "Copiosis Application" within the repository you cloned. (Note: It is critical that you point to the actual Copiosis Application folder in order for IIS to run the app)

Step 11 -- Once you have set the physical path for Default Web Site. Select Edit Permissions.

Step 12 -- If the user **IIS_IUSRS** is not already listed, you will need to add them and give them the permissions up above over the directory. To add a user, you select Edit up above, then Add, in the Enter Object Names field put **IIS_IUSRS**, then click OK.

Step 13 -- At this point IIS should be configured and you should be able to run the web application by going to **localhost** in your browser. (Note: If you are met with an error that references Global.asax.cs, this means that you need to open the solution for Copiosis in Visual Studio and build it)