Hey all,

I am excited about the lunch session on Friday. We will be diving into a new Framework we have developed at IntelliTect called Coalesce. It is designed to make building great web sites much easier. The plan is to do mostly hands on stuff. So, if you want to follow along, you will need to set up your computer.

Here are some steps. I tried these on a clean Windows 10 system. I will also post this to Yammer where we can discuss if folks get stuck.

1. Note: This can be a multi-hour process depending on network connection. (1 hour with waits is probably realistic, but totally worth it.)
2. Install Visual Studio 2015 Update 3.
   1. The Update: [Visual Studio 2015 Update 3](https://go.microsoft.com/fwlink/?LinkId=691129)
   2. Visual Studio Community: <https://go.microsoft.com/fwlink/?LinkId=691978>
3. Start VS and log in to verify your license. Close it.
4. Go to <http://www.asp.net/>. Click Download .Net Core. Choose Windows and download  [.NET Core 1.0.0 - VS 2015 Tooling Preview 2](https://go.microsoft.com/fwlink/?LinkId=817245). Install it. Note that if things don't work, there is a link about getting it working on this page. While [ASP.NET](http://asp.net/) Core is RTM the tooling is only preview and won't be production for about 4-6 months.
   1. Note: If you install the full VS 2015.3, you can't install the tools later. You will need to run the tooling install from the command line. DotNetCore.1.0.0-VS2015Tools.Preview2.exe SKIP\_VSU\_CHECK=1. BTW MS: This is unacceptable for  your new flagship product.
5. Install Chrome if by some strange reason you don't have it installed.
6. Open a command window as an Administrator and run
   1. cd C:\Program Files (x86)\Microsoft Visual Studio 14.0\Web\External
   2. npm install
   3. This will install the Node Package Manager
7. Start VS and Clone the Git Repo:
   1. <https://intellitect.visualstudio.com/Framework/Coalesce/_git/Coalesce>
   2. Possible Clone Folder: c:\git\framework\coalesce
   3. Keep this path short.
8. Open Coalesce.sln
   1. This will take awhile as it restores NuGet packages.
9. Set Coalesce.Web as the startup project
10. Right click on Coalesce.Web\packages.json and choose Restore Packages.
11. Right click on Coalesce.Web\bower.json and choose Restore Packages.
12. Check if things worked by
    1. Open View: Other Windows: Task Runner Explorer
    2. Click the refresh icon in the corner.
    3. After a short wait, you should see a list of tasks.
    4. If not, you have an issues with Node, NPM, or packages.json.
13. Click Run button (F5)
    1. The Coalesce site should come up.
14. Stop execution
15. Prep for Code Generation
    1. This only has to be done once and then you can you the Task Runner Explorer. We are working on why this is the case. Right now, calling it preview tooling.
    2. Open View: More Windows: Package Manager Console
    3. cd src\intellitect.coalesce.cli
    4. dotnet build
       1. You will get three warning that are a result of a bug in EF async.
16. Go to the Task Runner Explorer and double click on Coalesce.
    1. This will generate the code based on the model.
    2. If this shows a couple of lists of object names and then -- Generation Complete -- It all worked.

Congratulations, you made it!

See you Friday,

Grant