# Intro

Notes on migrating from a solution based on the “official SPA template” as it was on January 23, 2013, to a Breeze version of that solution.

I am not trying to explain anything; I am merely recording the steps

# Changes

* ***BundleConfig.cs*** – add a breeze bundle just below “knockout” bundle  
  **BIG BUNDLING NAME PROBLEM … MUST FIX BEFORE RELEASE!**

bundles.Add(new ScriptBundle("~/bundles/breeze").Include(

"~/Scripts/q.js",

"~/Scripts/breeze.debug.js",

"~/Scripts/breeze.savequeuing.js"));

* Include this breeze bundle in the @section scripts of ***Views/Home/Index.cshtml*** just before the “todo” bundle

@Scripts.Render("~/bundles/breeze")

* Add validation to the model
  + TodoItem.Title - [Required, MaxLength(30)]
  + TodoList.Title - [Required, MaxLength(20)]
* Add “q.js” to \_references.js
* Views/Home/Index.cshtml
  + Reformatted the long “data-bind” attributes for readability
  + Added click: $root.clearErrorMessage to both title bindings (see corresponding new ViewModel method); this goes hand-in-hand with the demonstration of Breeze validation capability
* ***Web.config*** add assembly redirect for EF 5. Add at the bottom of the <assemblyBindings>:

<dependentAssembly>

<assemblyIdentity name="EntityFramework" publicKeyToken="b77a5c561934e089" culture="neutral" />

<bindingRedirect oldVersion="0.0.0.0-5.0.0.0" newVersion="5.0.0.0" />

</dependentAssembly>

* Views/Shared/\_Layout.cshtml
  + Tweaked the ViewBag.Title
  + Tweaked the “Learn more …” and “Copyright …” – **GET FINAL LINK**

<p>Learn more about <a href="http://www.breezejs.com" target="\_blank">

Breeze Single Page Applications</a></p>

<p>&copy; @DateTime.Now.Year - @ViewBag.Title SPA</p>

* Scripts/app/todo.viewmodel.js – add clearErrorMessage

clearErrorMessage = function (obj) {

obj && obj.errorMessage && obj.errorMessage(null);

};

...

clearErrorMessage: clearErrorMessage

# Deletes

* Controllers/TodoController
* Controllers/TodoListController
* Models/TodoItemDto
* Models/TodoListDto
* Scripts/app/todo.model.js
* Scripts/app/todo.datacontext.js
* Images (not used)

# Adds

* Breeze NuGet Pkg: “Breeze.WebApi” from NuGet official package source
* Add *breeze.savequeuing.js* “bonus” script to Scripts
* Controllers/TodoController [Breeze version]
* Models/TodoRepository
* Scripts/app/todo.model.js [Breeze version]
* Scripts/app/todo.datacontext.js [Breeze version]