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Abstract

https://app.pluralsight.com/player?course=angular-web-api-front-back&author=deborah-kurata&name=angular-web-api-front-back-m2&clip=6&mode=live

Angular front to back with web api

Help keep track of basics and git sample to fork and play with and to use tracking stuff done and keeping a nice summary of important information

# Angular front to back

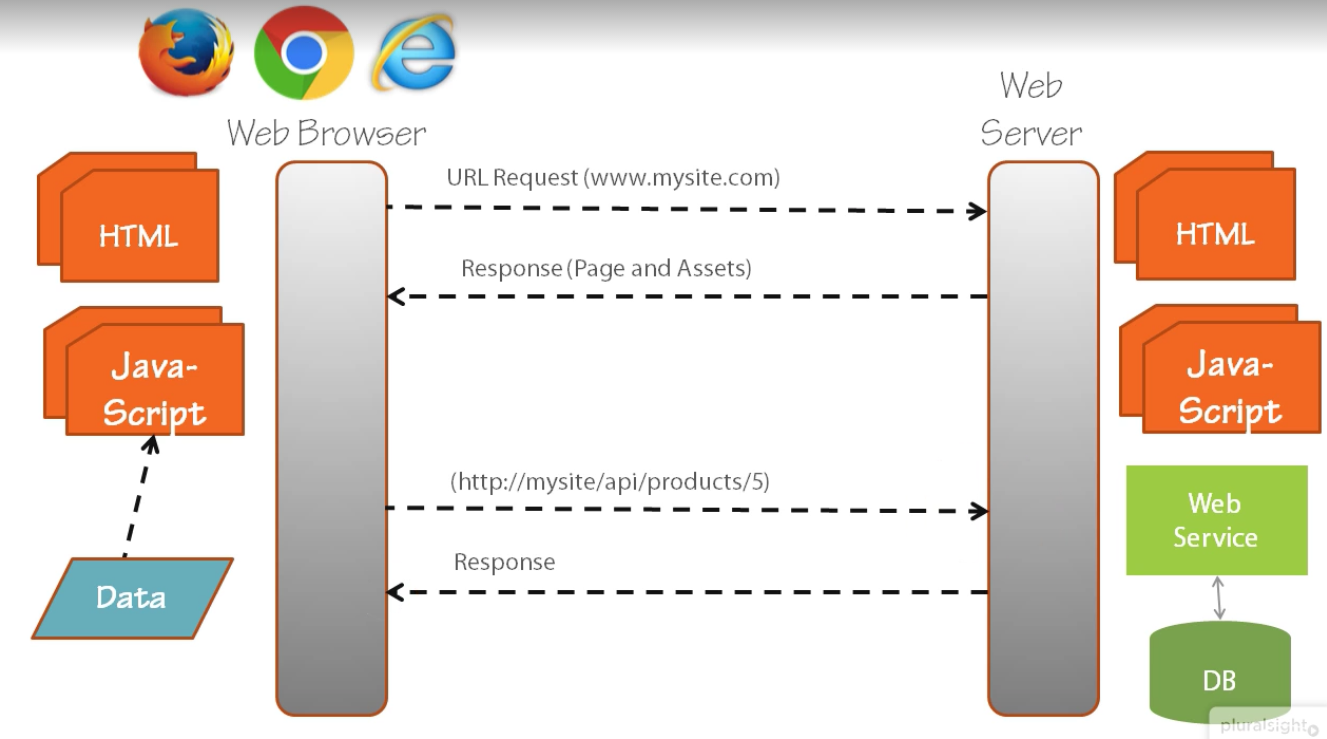
## Getting started with Angular

<https://app.pluralsight.com/player?course=angular-web-api-front-back&author=deborah-kurata&name=angular-web-api-front-back-m2&clip=3&mode=live>

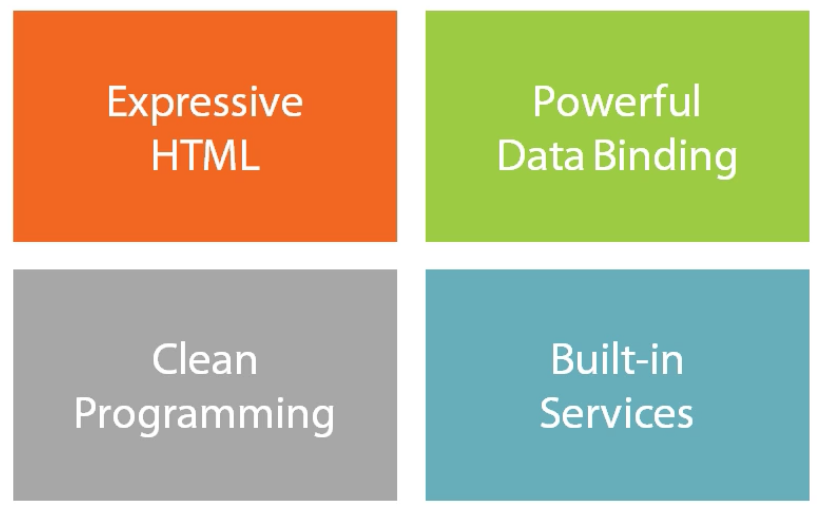
This is a small pluralsight course, will keep docs while doing the course for any good tips and hints

Make a point of doing the basics

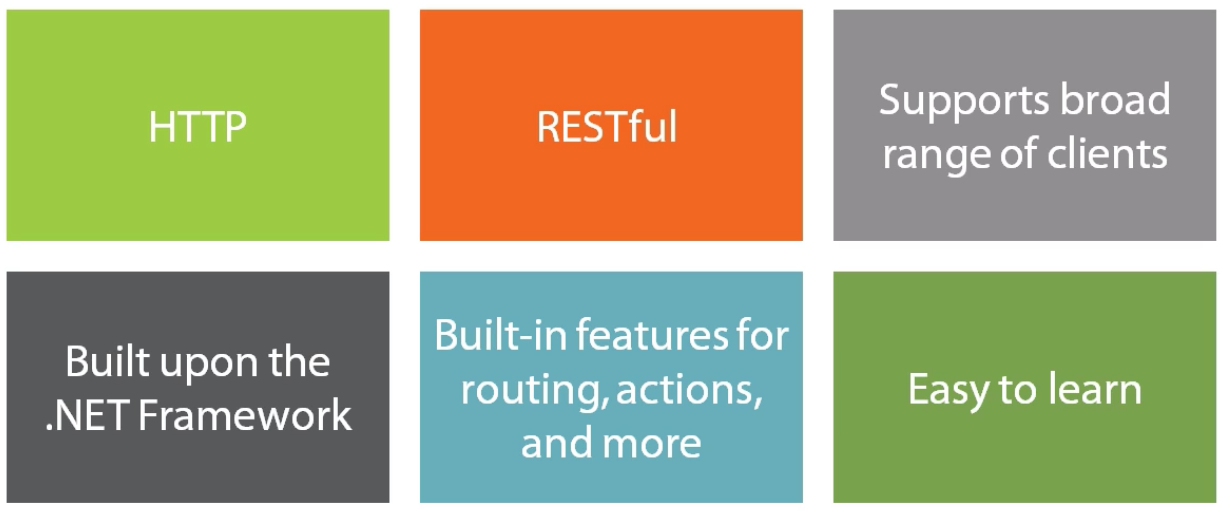
* **Angular courses**
  + AngularJS: Get started
  + Shaping up with Angular JS
  + AngularJS Line of Business Applications
* What this course covers
  + Application Anatomy
  + Retrieving Data
  + CORS and Formatters
  + Passing Parameters
  + Using ODATA Queries
  + Saving Data
  + Action Results, Error Handling & Validation
  + User Authentication in Web API
  + User registration and Login
  + User Authorization



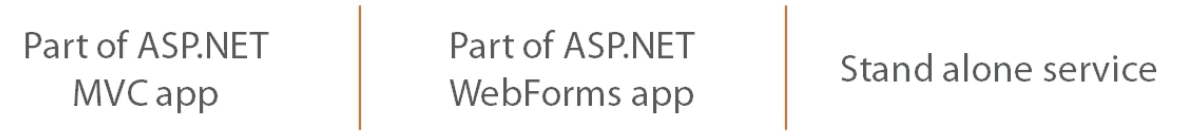
* Why Angular



* Why ASP.NET Web Api



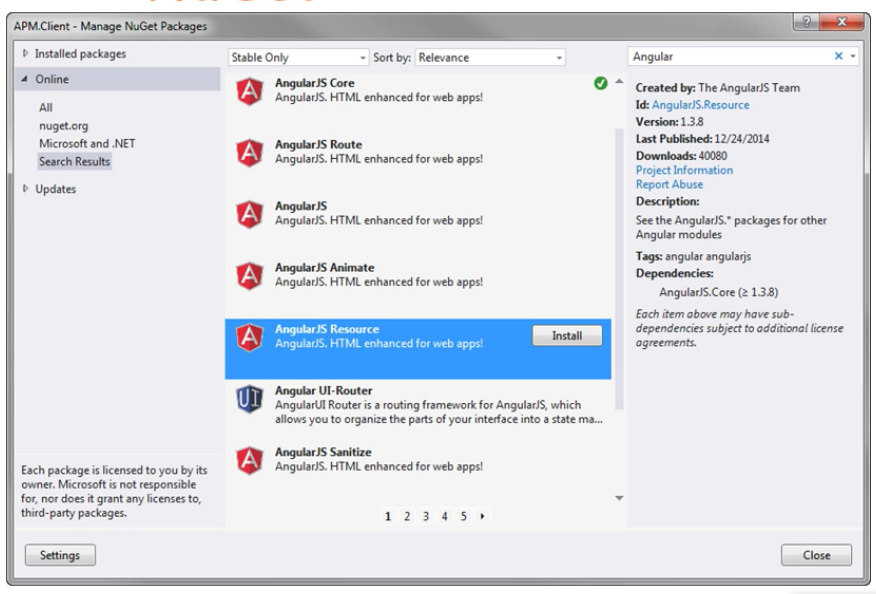
* Building an ASP.NET Web API



* Create a default Web API project
  + Separate project will be to do tests for it
  + Create dependency injection
  + Typescript for all the libraries that will be used
  + Generate MVC strongly typed stuff for Angular
* I changed the default path and moved the solution to the root and as a result Roslyn broke, I resolved this by running this line for Roslyn to work again
  + **update-package Microsoft.CodeDom.Providers.DotNetCompilerPlatform -r**

### Creating the Projects: Angular

* Add an Empty Web project with nothing in it for the web client and add it to the existing web solution
* NuGet



* + AngularJS Core
  + Bootstrap

### Anatomy of an Angular Application

* Application called *productManagement*
  + var app = angular.module("productManagement",
* *Index.html* with the ng angular prefix on the application and the html view
* View files have an associated productListView Controller and manages the model

angular.module("productManagement")

       .controller("productListCtrl",

                     productListCtrl);

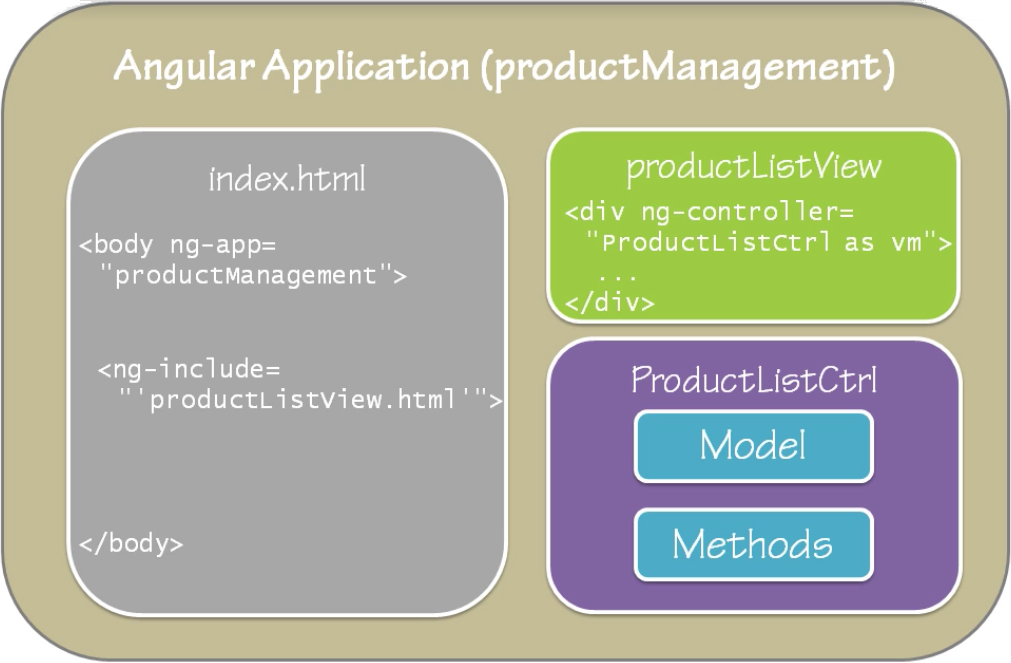
    function productListCtrl() {

        var vm = this;

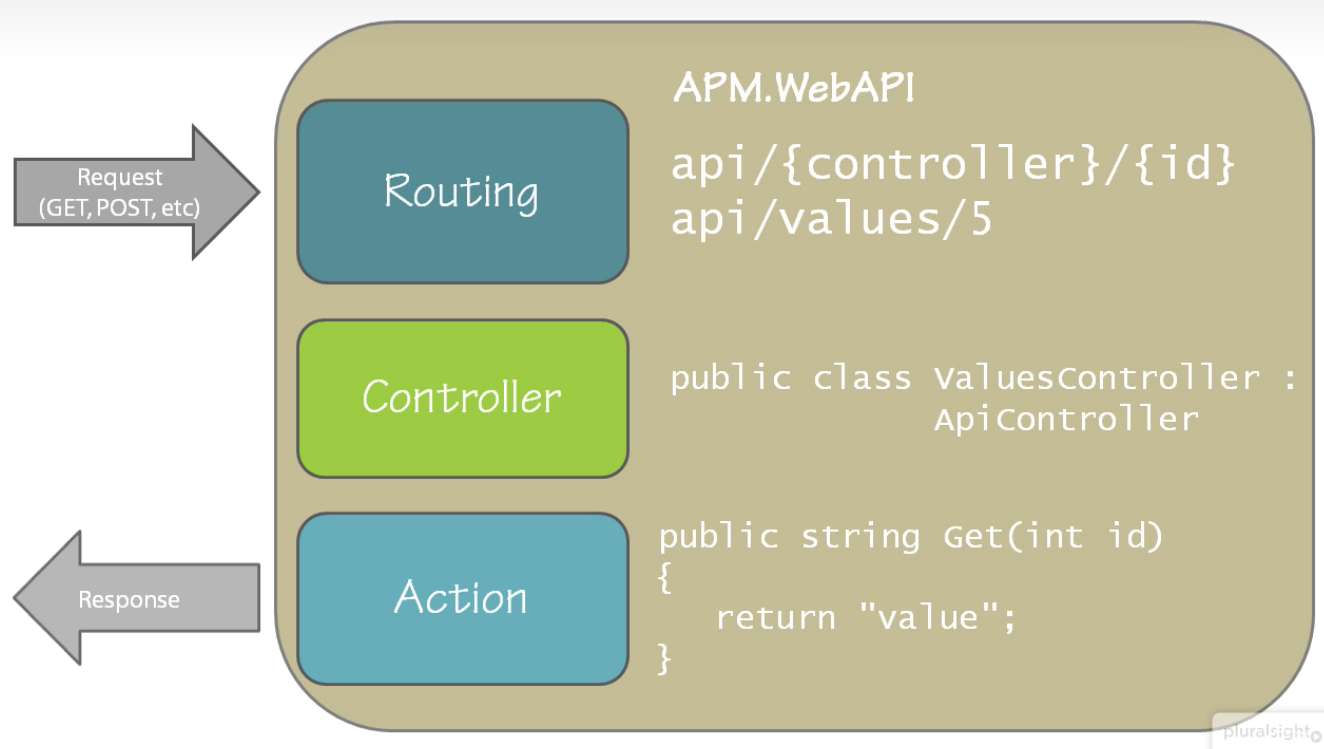
        vm.products = [

        {

            "productId": 1, …



### Anatomy of an ASP.NET Web API Service



## Retrieving the Data

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