AngularJs

AngularJs is a client side framework for HTML. Managed by Google, AngularJS handles dynamic views in web and mobile based browsers. It takes the normal HTML language and adds a whole new tool set for developers to use. This technology has great implimentation for applications with account functions and UI data modification control. AngularJs is designed so that non programers can easily start spitting out some code, test, and apply this framework to their applications.

What you need to run AngularJs (steps3 is from http://docs.angularjs.org/tutorial)
1. You will need a computer
2. You will need git
3. Go to this link and follow the steps to for either mac/linux or windows users to download git and to get the code needed to run Angular

Other languages associated with AngurlarJS:

• CoffeeScript

• Darts

• KnockoutJS

Pros & Cons

Pros:

Supports data binding for example {{}}. Data Binding is usefull for connecting the UI to the data in the program. Coding is made easier with DI or Dependency Injection. DI helps load plugins dynamically and removes hard coded dependencies and allows them to be changed on the fly. AngularJS allows HTML code to be grouped into reusable parts which makes the code look a lot cleaner and easier to read. Also, AngularJS manages connecting your MVC components really well. Most frameworks have you seperate your app into MVC parts then the programer has to patch it back together. AngularJS does all this for you so that you dont have to bother with the clean up process.

Cons:

Setting up AngularJS, from a personal opinon, seemed a little cumbersome. Maybe this is due to my lack of experience with these framworks and git hub but it seemed like the instalation step required mutliple difereent steps and extra software needed to run AngularJS.

AngularJS is a great, powerfull tool, but is inefficent if used in applications like games or advanced math problems. It is used in a varity of applications like google maps and even the youtube application on the ps3. There are not as many cons as pros but just because AngularJS is a strong tool doesnt mean every application needs to incorpriate it. It could slow down prodeuction time on the application if a deveolper tries to use AngularJS in areas mentioned above where it is not needed.

AngularJS is a very powerfull tool that can help create user friendly, easy to test applications. I would highly recommend using this for anyone that is going to have account creation or any kind of search/order function in their project.