From Zero to TDD in a Day

Agenda (all times are approximate, scope will be adjusted as needed)

* Introduction (5 minutes)
* Basics of TDD – slides/talk/demo (60 minutes)
* Break (10 minutes)
* Workshop One – your first TDD kata (75 minutes)
* DI Concepts & Mocking– slides/talk/demo (60 minutes)
* Lunch – (60 minutes)
* Workshop Two – using DI and mocking to deal with external dependencies (60 minutes)
* Di Frameworks – slides and talk (45 minutes)
* Workshop Three (break as needed) – Integration testing and using Ninject to manage dependencies (75 minutes)
* Getting Management and QA on Board/Q&A – slides and talk (30 minutes)

Required Software – The WiFi at the event venue may be unreliable. Please have as much of this downloaded and installed before the event.

* Visual Studio 2010 or higher, any SKU
* nUnit version – 2.6.4 NOT 3.X, can be downloaded from nUnit.org
* Ninject – pick the version based on the version of .NET your version of Visual Studio supports, can be downloaded from Ninject.org

If you would like to use a test runner other than the one provided by nUnit such as Resharper, Code Rush, Just Code, etc. please make sure it is downloaded and installed before the session starts. Also please still install the nUnit runner, as we will be using that for the first exercise.

There will be an extensive amount of time spent in “workshop” mode, so please bring a laptop. During the workshop you are free to pair, triple, quadruple or fly solo - do whatever works best for you, but please be respectful to the people working around you.