

Iowa Code Camp – Fall 2014

Test Driven Development Workshop

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Setup

- Java SDK 6 or above
- IntelliJ IDEA Ultimate Edition 13.1
- jUnit 4
- Mockito 1.9
- CDI: Context and Dependency Injection plugin for IntelliJ IDEA

New Development

String Calculator

1. Create a simple string calculator with an Add method.
2. The method can take 0, 1 or 2 numbers, and will return their sum.
For example: "" or "1" or "1,2".
3. For an empty string it will return Zero.
4. Allow the Add method to handle an unknown amount of numbers.

Legacy Testing

Encapsulate Calculator

1. Create a simple numeric calculator with an Add method.
2. Inject the numeric calculator into the String Calculator.
3. Utilize CDI to inject the numeric calculator into the String Calculator.