



Testing Spring

Beginner to Guru

TDD 4 - Equality for All



Value Objects

- The Dollar object is now a 'value' object.
- i.e. values "5" and "10" would be represented as two different objects
- If you need a different value, you need to create a new object
- Having a value object - means you should have the ability to tell if two value objects are equal
- Need to tell if two objects of "5" Dollars are equal
- The default Java object equals() method only determines if the objects share the same memory location.

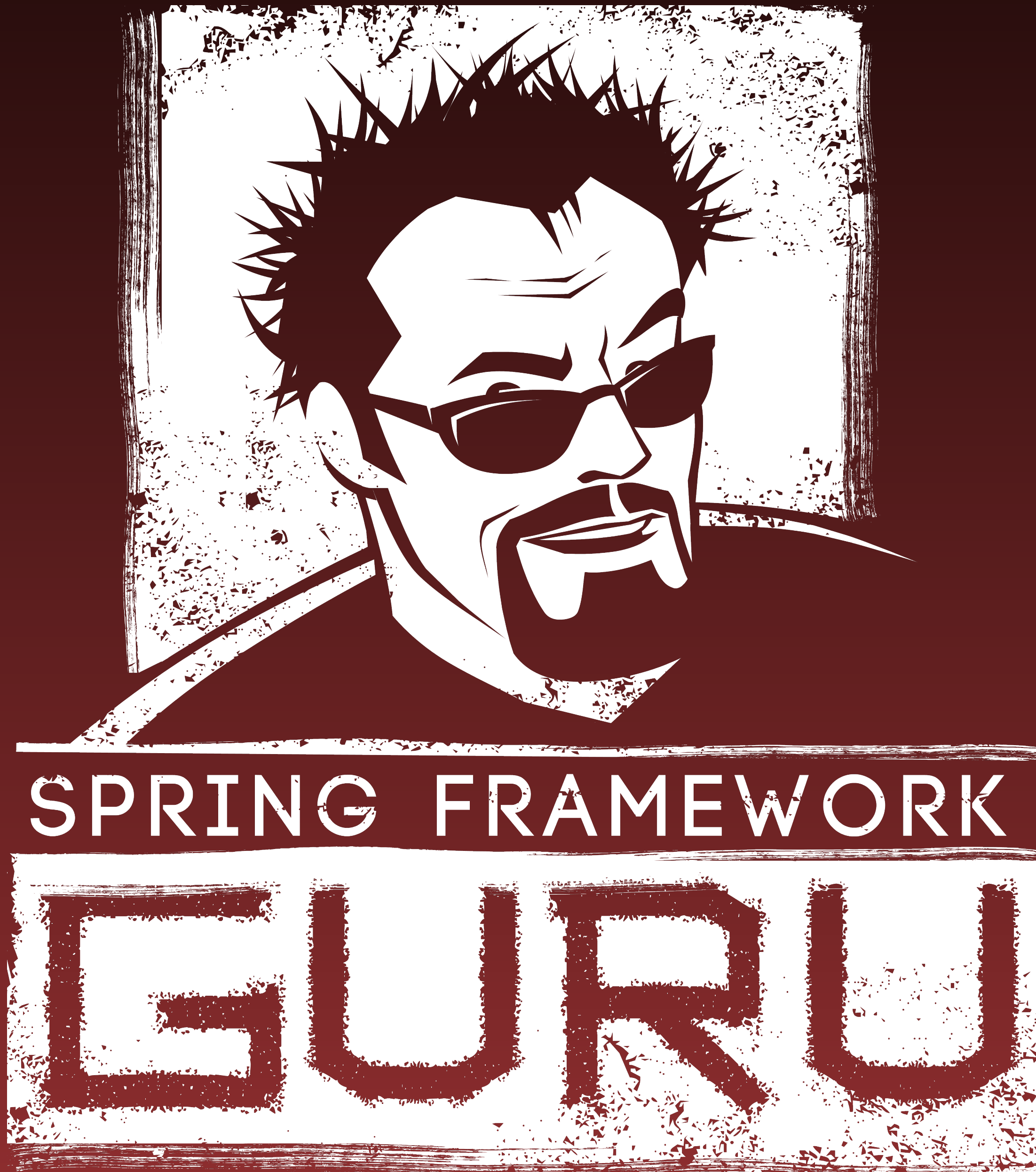




TDD To-Do List

- $\$5 + 10 \text{ CHF} = \10 (with rate of 2:1)
- ~~$\$5 * 2 = \10~~
- Make "amount" private
- ~~Dollar side effects?~~
- Money Rounding?
- **equals()**







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- equals()
- hashCode()
- Equal Null
- Equal Object



