



Testing Spring

Beginner to Guru

TDD 12 - Addition, Finally



TDD To-Do List

- **\$5 + 10 CHF = \$10 (with rate of 2:1)**
- ~~\$5 * 2 = \$10~~
- ~~Make "amount" private~~
- ~~Dollar side effects?~~
- Money Rounding?
- equals()
- hashCode()
- Equal Null
- Equal Object
- ~~5 CHF * 2 = 10 CHF~~
- ~~Dollar/Franc Duplication~~
- ~~Common equals()~~
- ~~Common times()~~
- ~~Compare Francs With Dollars~~
- ~~Currency~~
- ~~Delete testFrancMultiplication?~~

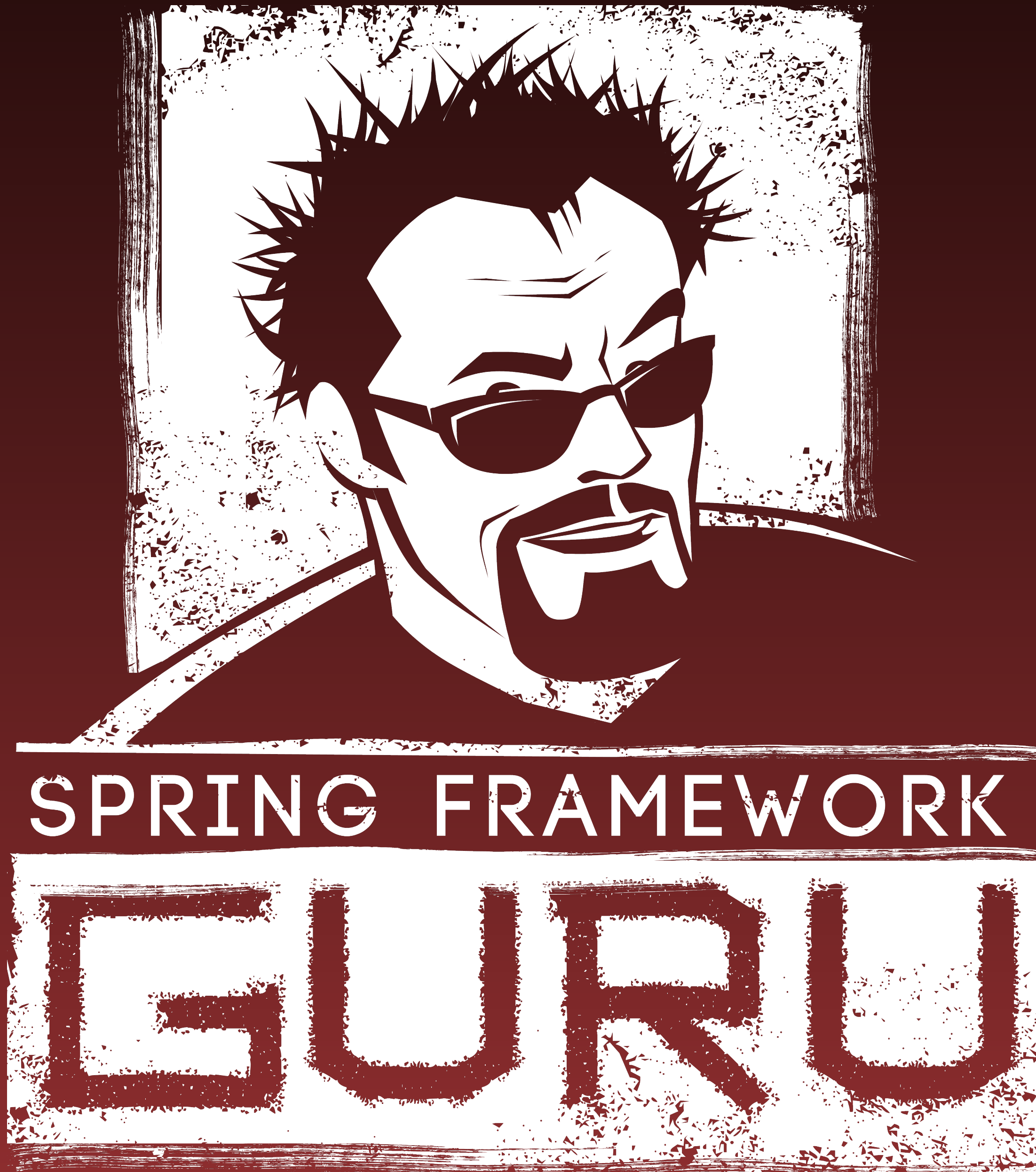




Addition, Finally

- Starting with a simpler example of $\$5 + \$5 = \$10$
- Solution needs to allow for multiple exchange rates
- Operations will result in “expressions”
- Expressions get reduced to a value
- Introducing the concept of a ‘Bank’ - which sets exchange rates
- Our ‘Bank’ will perform the reduction operation
- In this section we will only setup our object model and initial tests







TDD To-Do List

- **\$5 + 10 CHF = \$10 (with rate of 2:1)**
- **\$5 + \$5 = \$10**
- ~~\$5 * 2 = \$10~~
- ~~Make "amount" private~~
- ~~Dollar side effects?~~
- ~~Money Rounding?~~
- ~~equals()~~
- ~~hashCode()~~
- ~~Equal Null~~
- ~~Equal Object~~
- ~~5 CHF * 2 = 10 CHF~~
- ~~Dollar/Franc Duplication~~
- ~~Common equals()~~
- ~~Common times()~~
- ~~Compare Francs With Dollars~~
- ~~Currency~~
- ~~Delete testFrancMultiplication?~~



