



GROOVY TESTING

Thorsten Kamann · itemis AG · 23.06. 2009

About

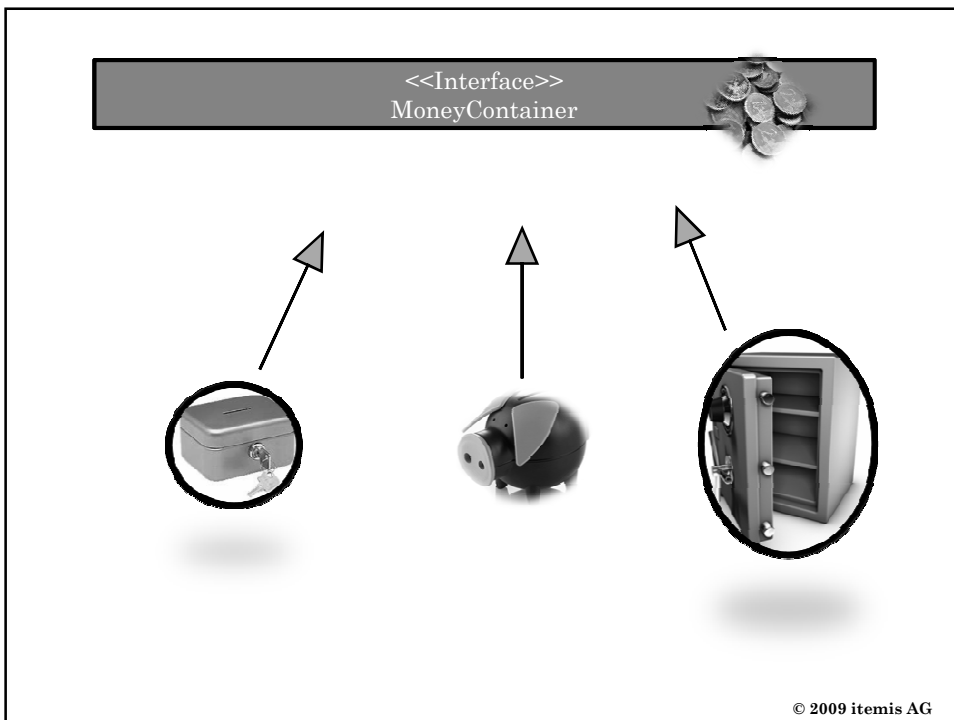


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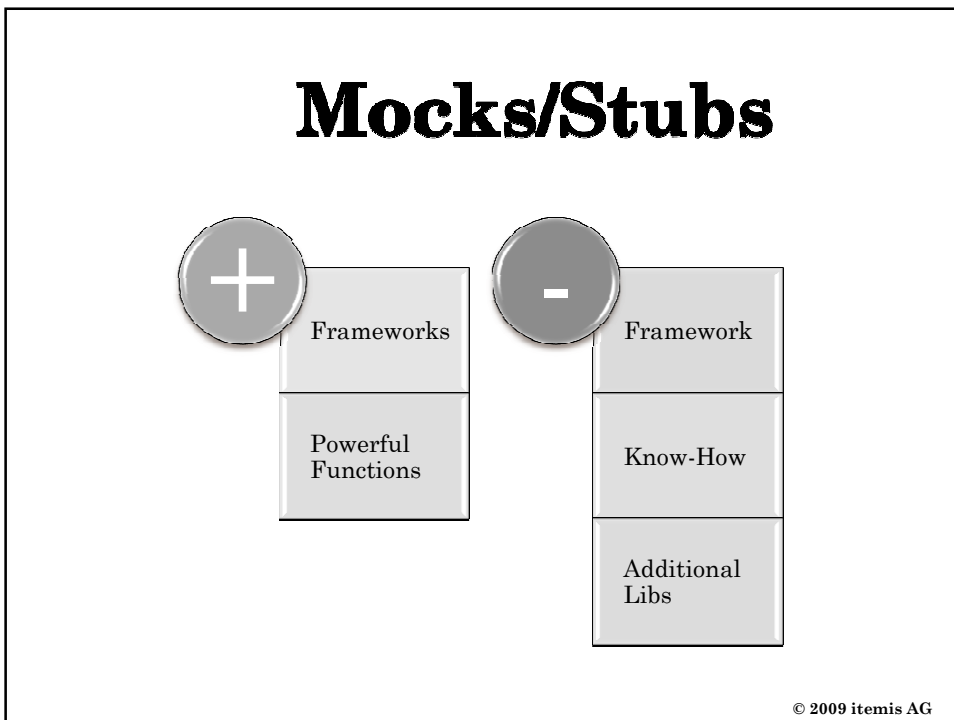
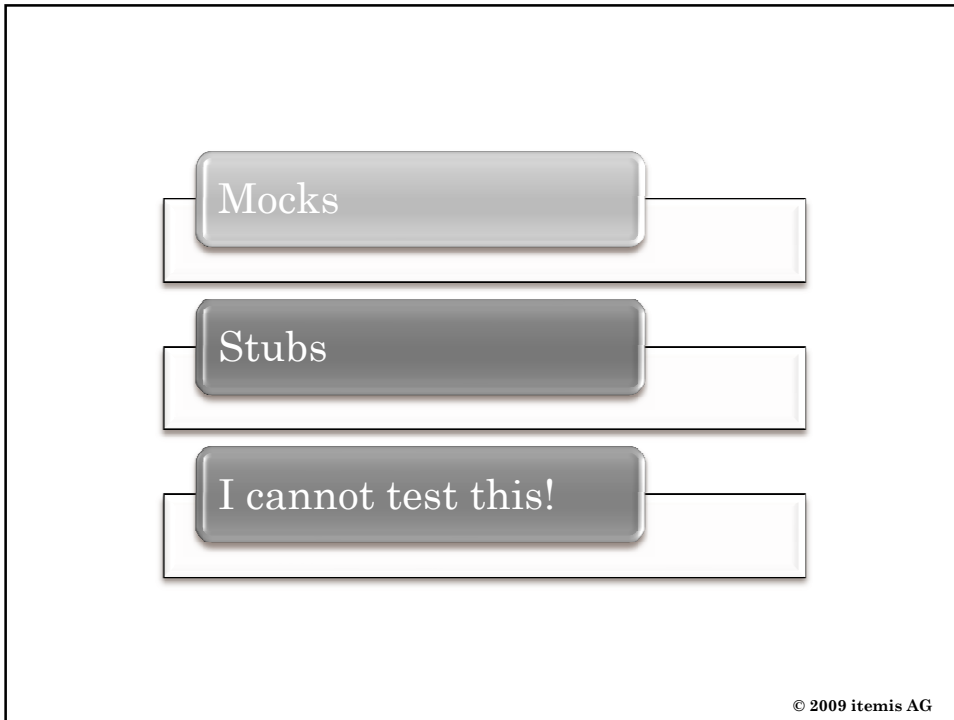


A class diagram for `PiggyBankService`. It features a piggy bank icon to the left of the class name. Below the class name, there is a horizontal line, followed by another horizontal line, and then the method signature `addMoney(amount:Money):void`.

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How test this?

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Groovy – Implement with a Map

```
class PiggyBankServiceTest
    PiggyBank piggyBankImpl

    @Before
    final void setup(){
        piggyBankImpl = [] as PiggyBank
    }
}
```

↑
piggyBankImpl instanceof PiggyBank

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Groovy – Implement with a Map

```
def storedMoney

piggyBankImpl = [
    addMoney:{money -> storedMoney = money}
] as PiggyBank
```

Implementation is a map

Methodnames are keys

Methodbody are closures
Parameters are
Closure-Parameters

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Groovy - Usage of Metaclass

Retrieving MetaClass

```
def storedMoney  
  
PiggyBank.metaClass.addMoney = { money ->  
    storedMoney = money  
}
```

Overwrite original method

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Links

<http://groovy.codehaus.org>

<http://groovy.codehaus.org/Groovy+Mocks>

<http://groovy.codehaus.org/ExpandoMetaClass+-+Methods>

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