Enfin des tests que j'aime! 2024

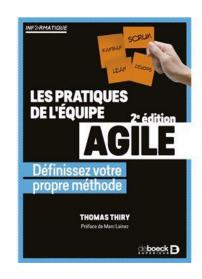
Thomas THIRY

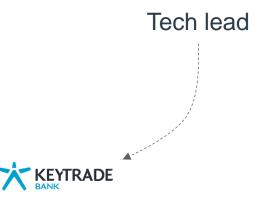


Thomas THIRY

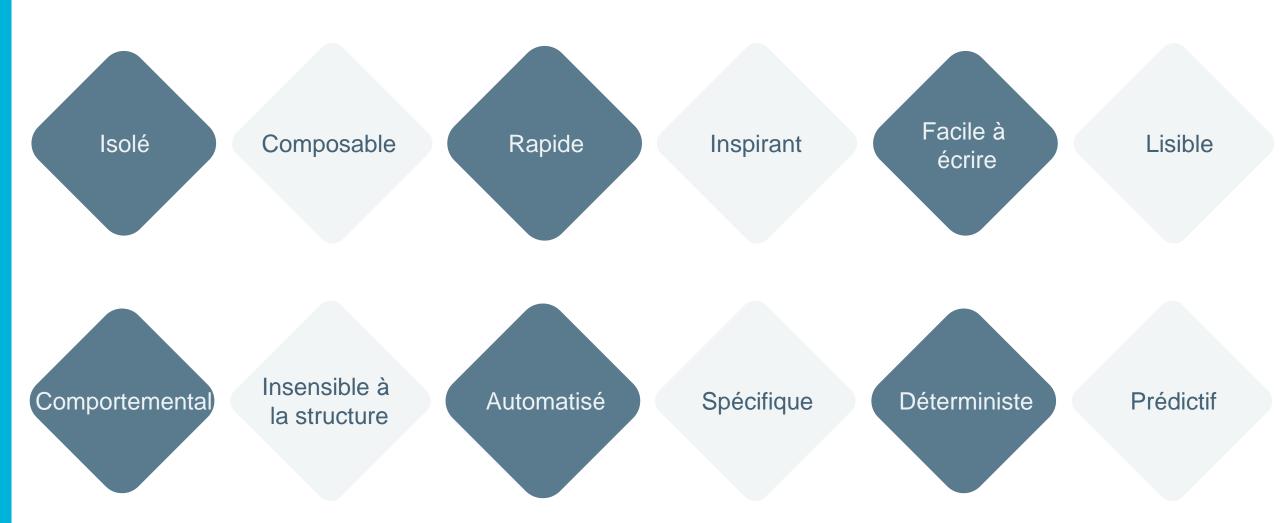


Coach agile technique (extreme programming)

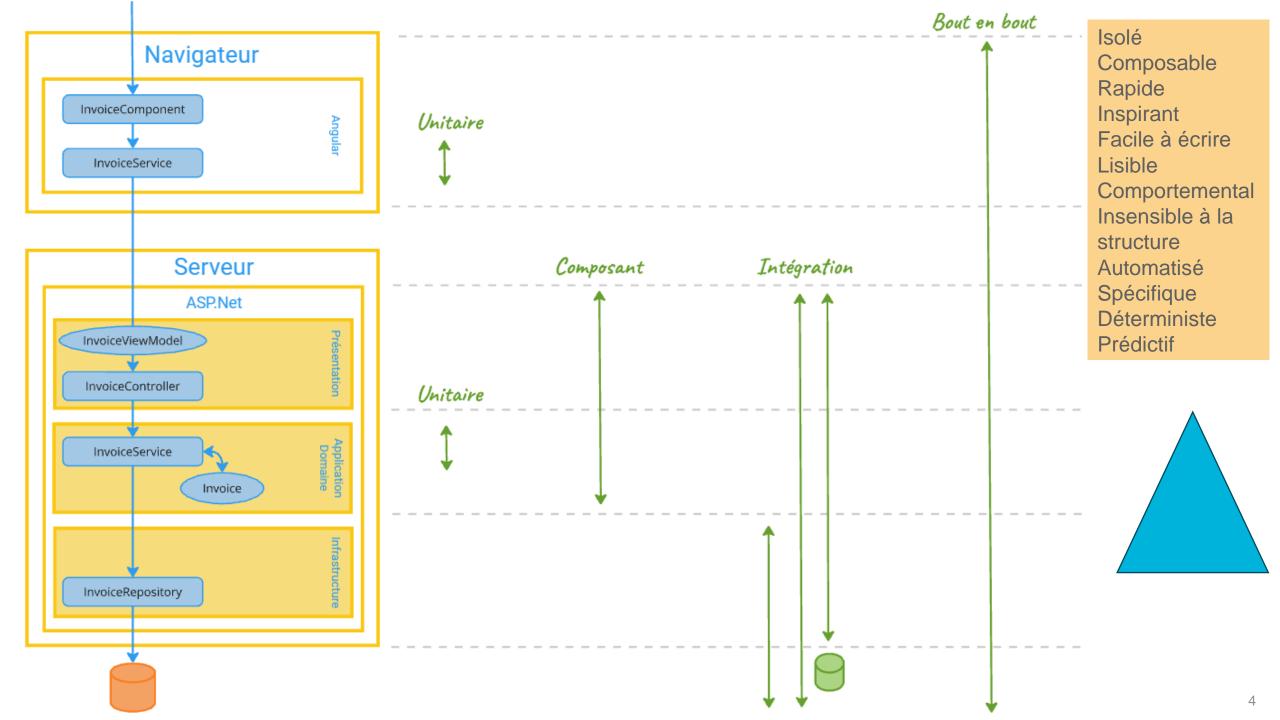


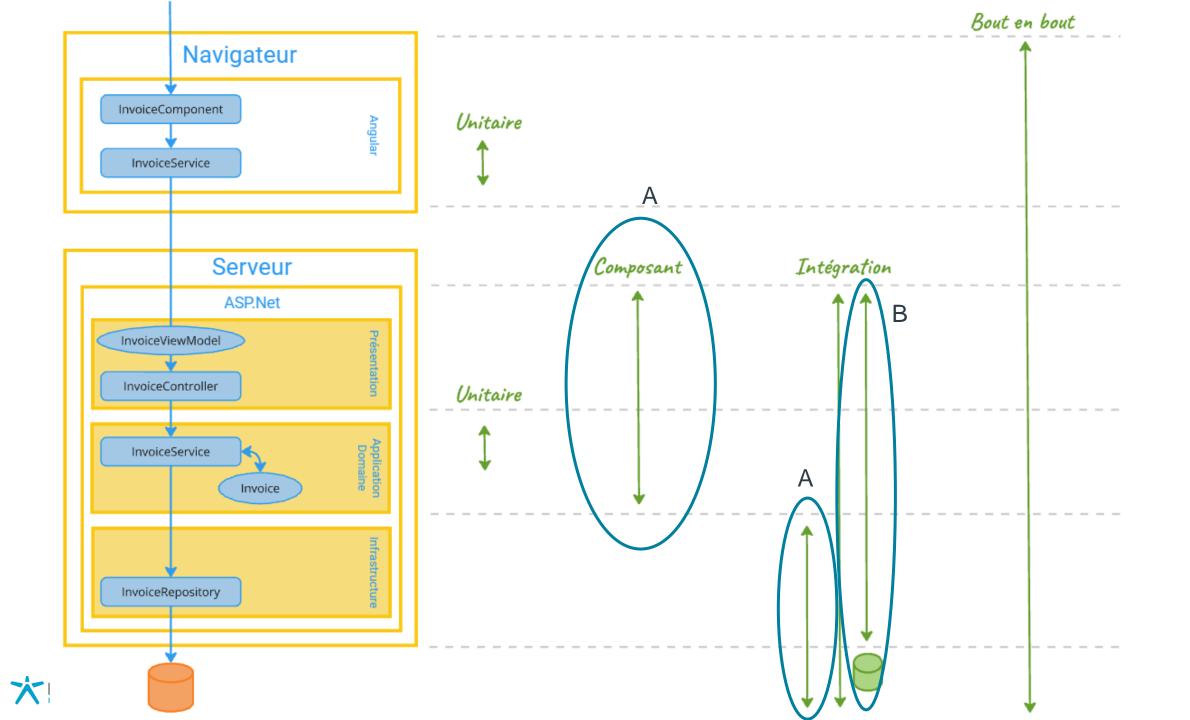


Propriétés désirables des tests (Kent Beck)









San Francisco

Employees

Click on an employee to edit its benefits.

Name

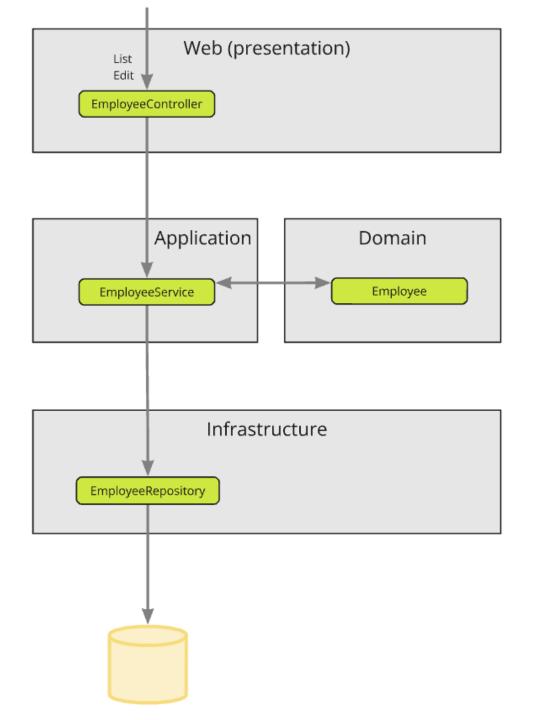
Jean-Claude Van Damme

Bruce Willis

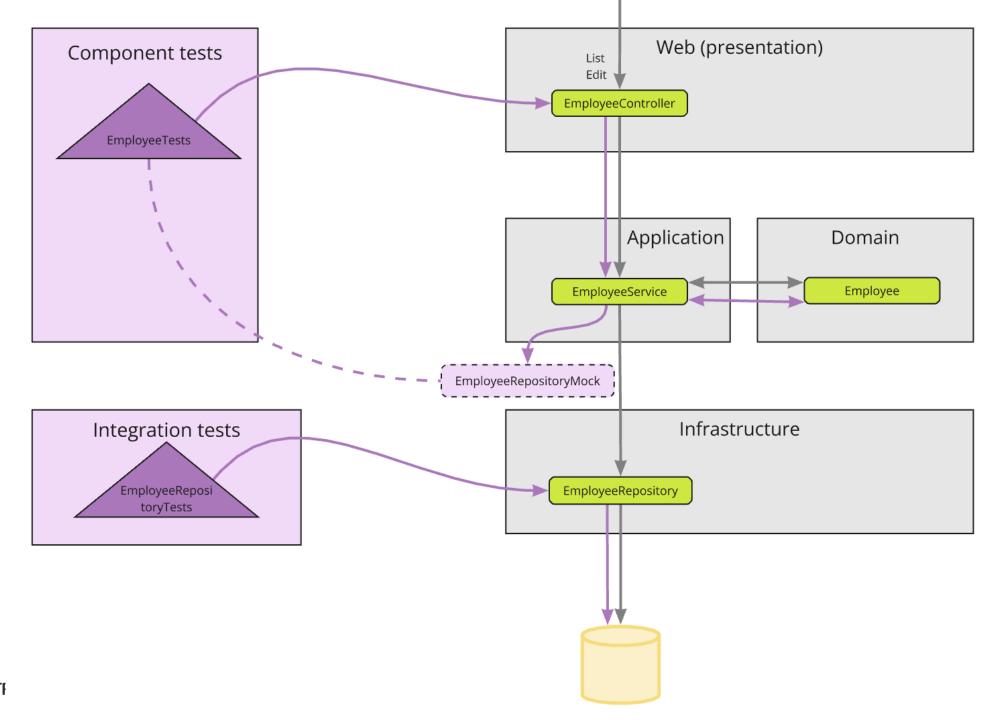
Employee	e: Jean-C	Liaude	van Dam	ime (I)
First name				
Jean-Claude				
Last name				
Van Damme				
Reference				
1				
Date Of Birth				
18/10/1960				
House Number				
56				
Street				
Liberty avenue				
City				

Employees Joon Claude Van Damme (1)





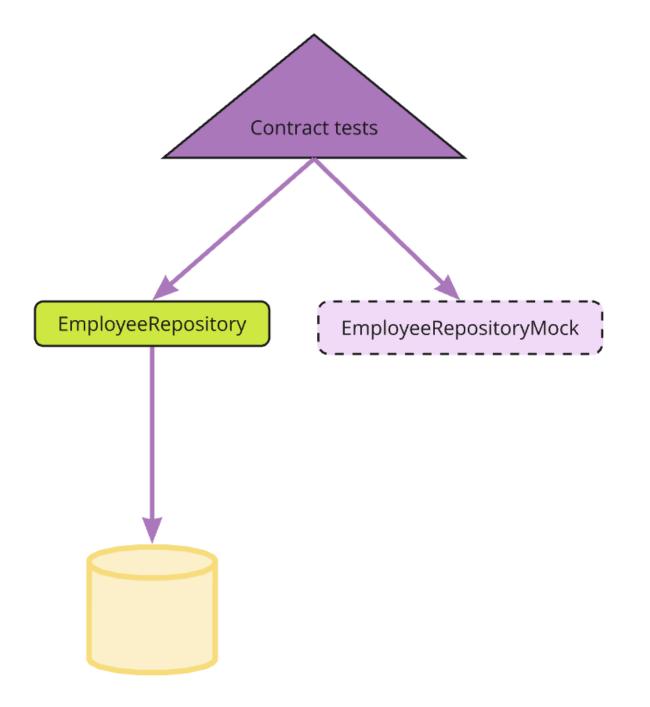






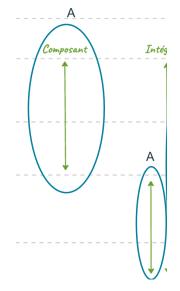
```
2 Thomas Thiry
public class EmployeeCost1Tests
    [Fact]
    2 Thomas Thiry
    public void The_details_of_an_employee_can_be_viewed() // Desiderata: Readable
        var employee = new Employee("Benoît", "Poelvoorde"); // Desiderata: Independant
        var employeeRepositoryMock = new EmployeeRepositoryMock(); // Desiderata: Deterministic (hexagonal architecture - no library)
        employeeRepositoryMock.Add(employees:new[] { employee });
        var controller = new EmployeeController(new EmployeeService(employeeRepositoryMock));
        var retrievedEmployee = controller.Edit(employee.Id).To<EmployeeViewModel>();
        Check.That(retrievedEmployee.LastName).Is(employee.LastName);
```



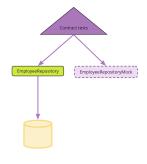




Conclusion



Tests de composant + intégration



Tests de contrat

The_employer_tax_applies_to_premiums_as_well()

Noms

- Cell_phone_plan_add:
- ✓ Not_everyone_has_a
- ✓ The_details_of_an_en

Déterministe

var employee = AnEmployee()
 .WithMonthlyGrossSalary(1000m);
 .Build();

Test data builders





Pour aller plus loin...





https://github.com/thomasthiry/PartsUnlimited.HRCost

https://kentbeck.github.io/TestDesiderata/

https://principal-it.eu/2023/02/contract-tests/

https://martinfowler.com/articles/microservice-testing/

Test data builders: http://natpryce.com/articles/000714.html

