

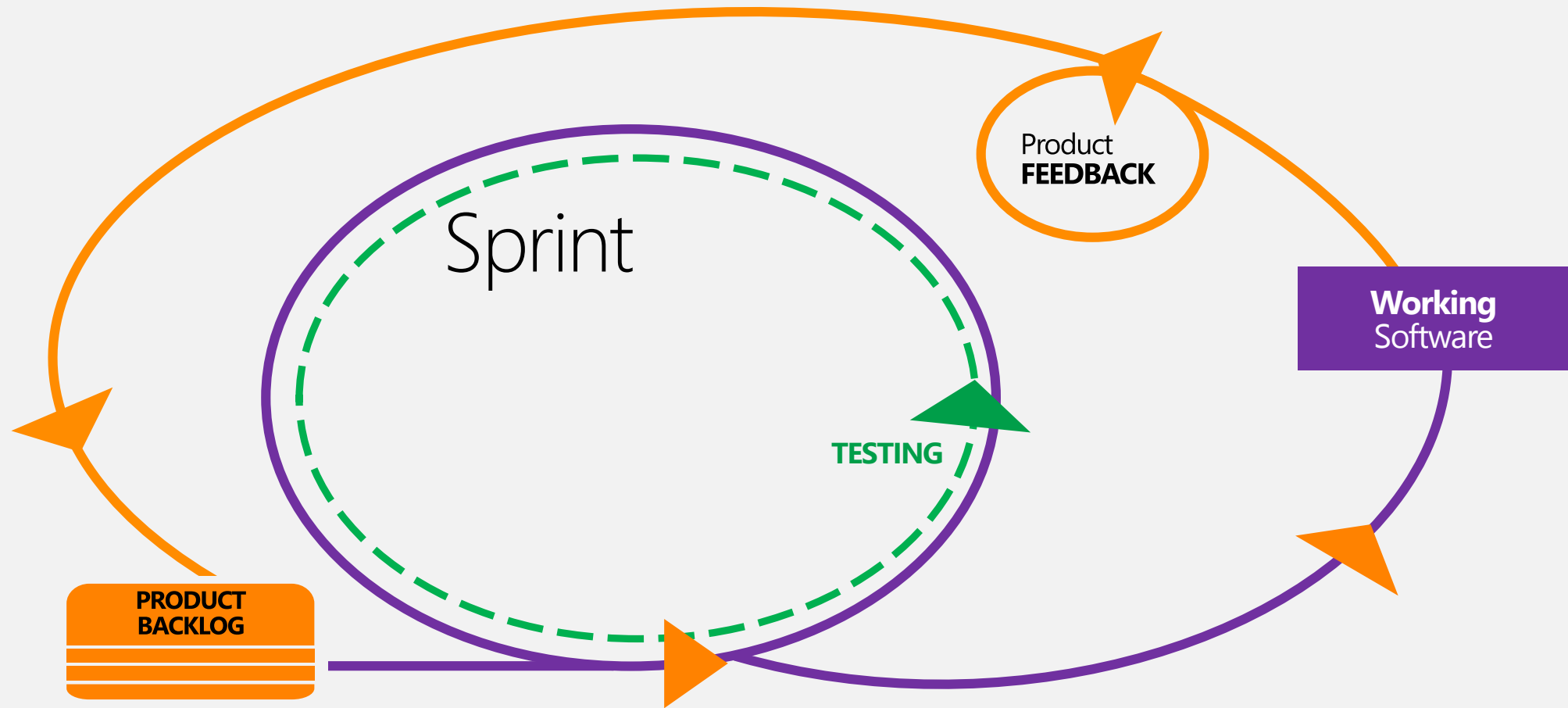
Visual Studio
2012

The Agile Developer in Visual Studio 2012

Neno Loje
Berater für ALM & TFS

Christian Binder
ALM Architect Microsoft

Kontinuierliche Wertschöpfung



Big Design Up Front

Requirement

Requirement

Requirement

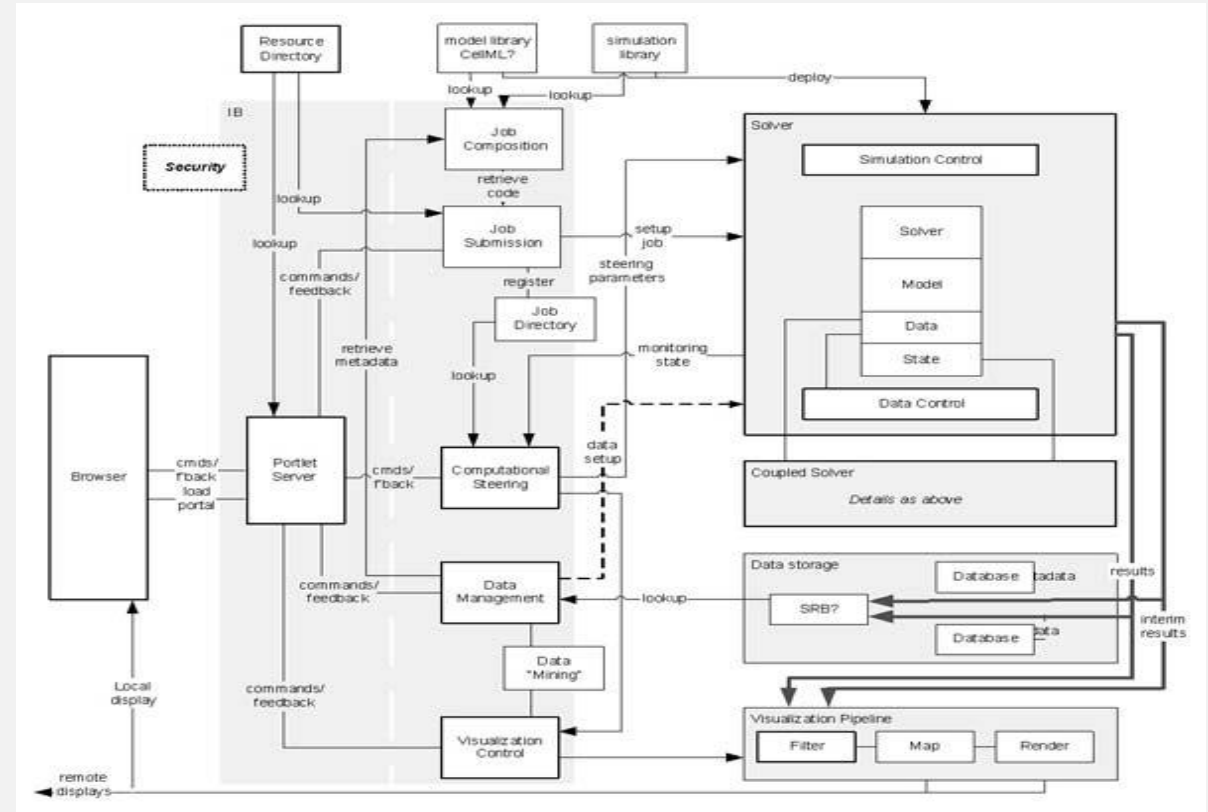
Requirement

Requirement

Requirement

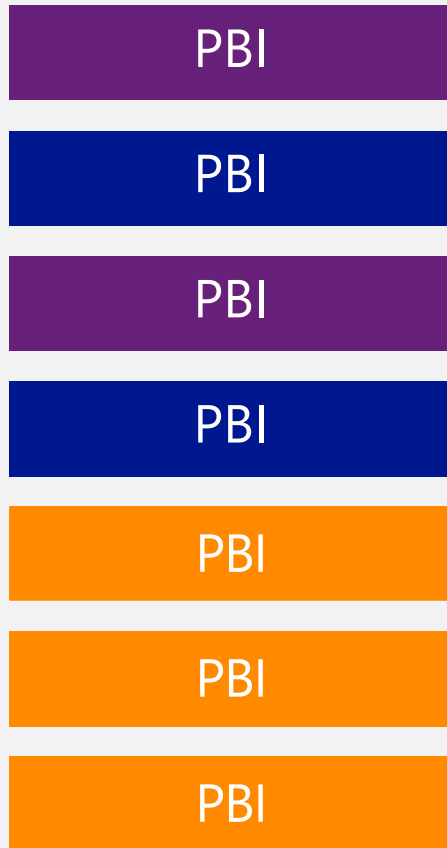
Requirement

Requirement



www.integrativebiology.ac.uk/softarch.html

Emergent Architecture



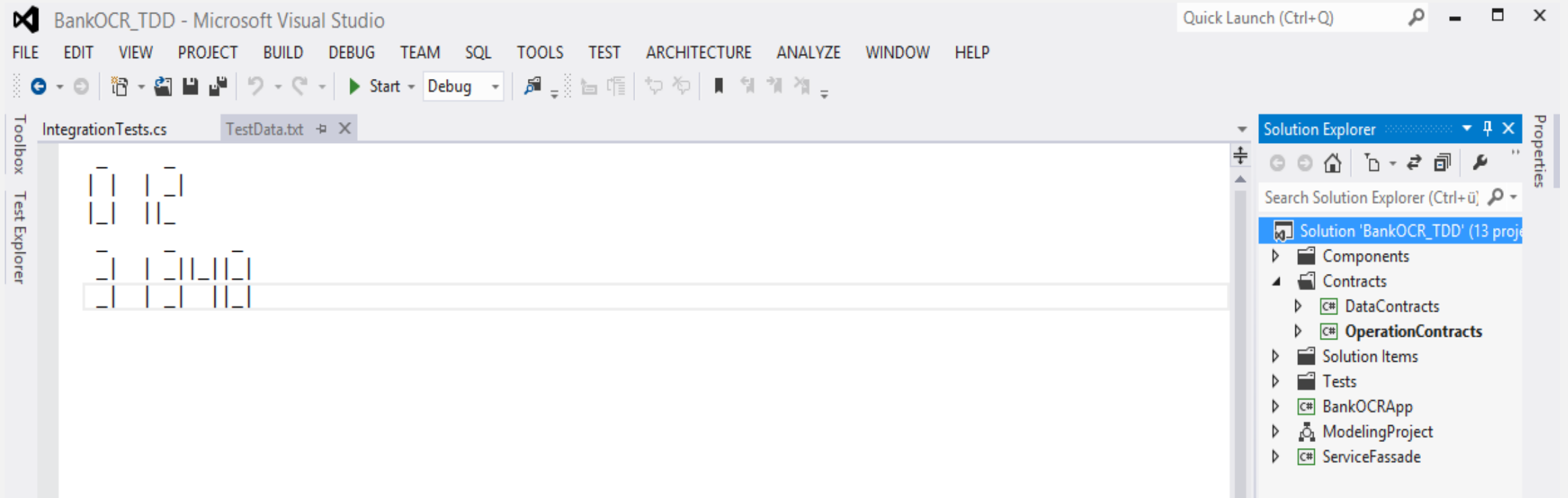
Herausforderungen bei Agilität

Wartbarkeit

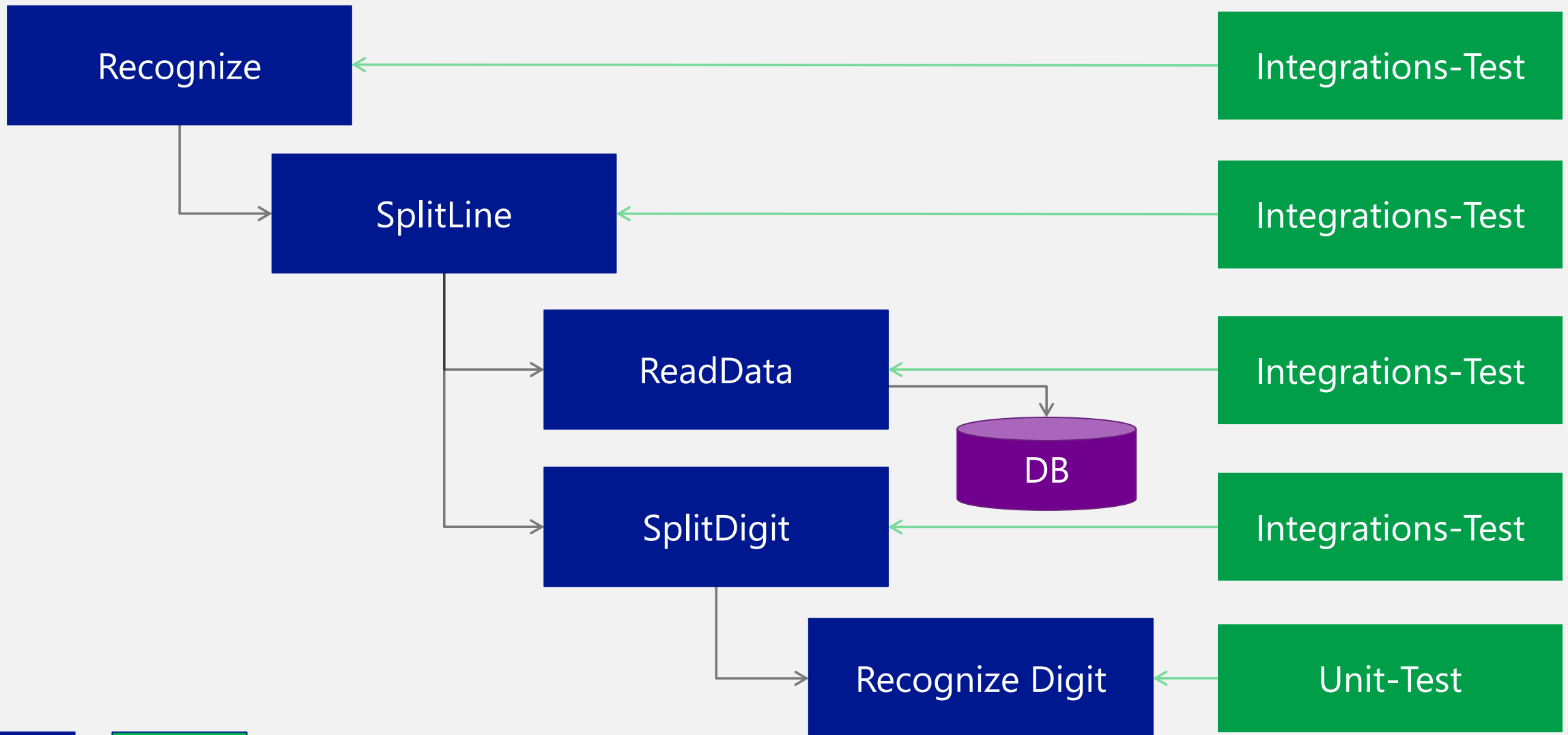
Kosten für Änderungen
niedrig halten

Testbarkeit

Wartbarkeit & Testbarkeit



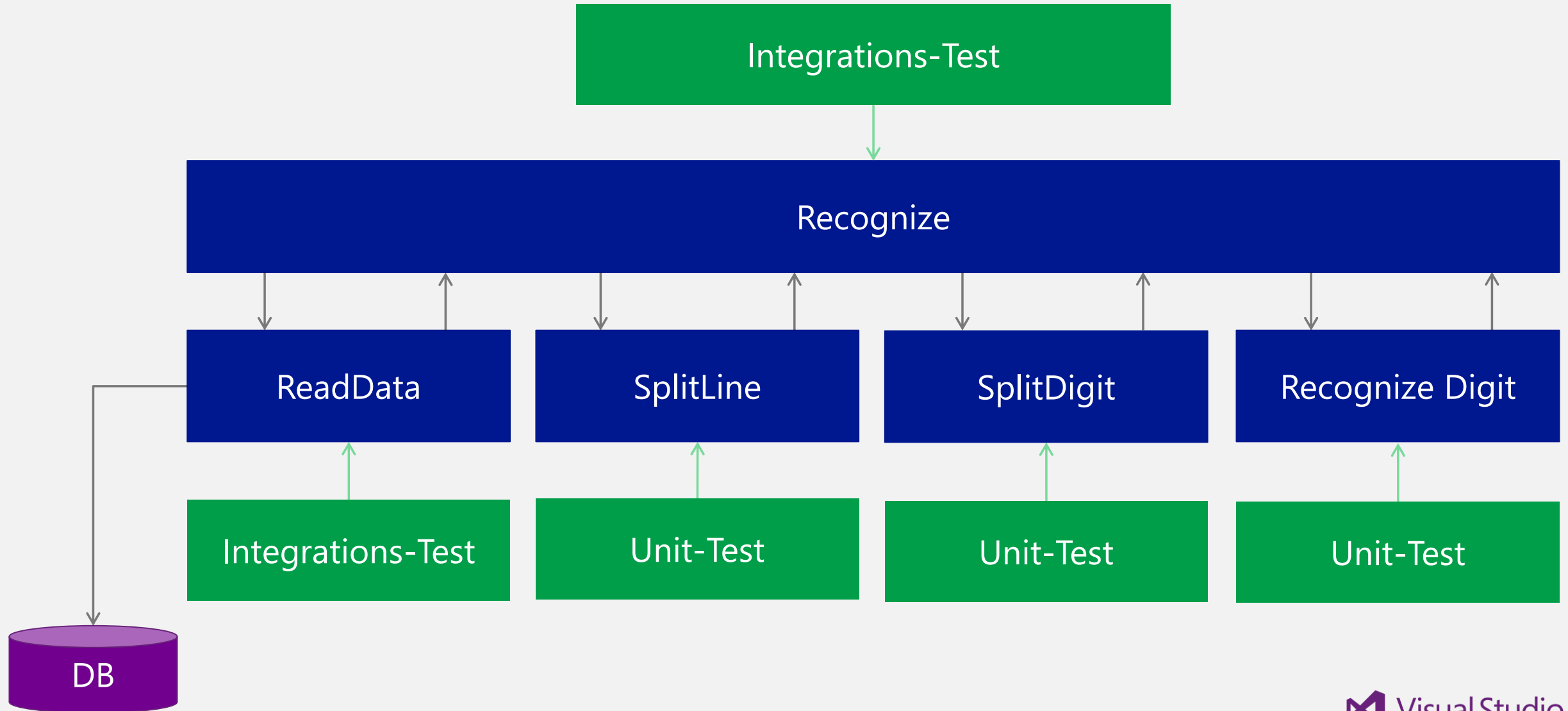
Klassische Struktur



Methode

Test

Entkoppelte Struktur



Code Struktur
&
Unit Testing

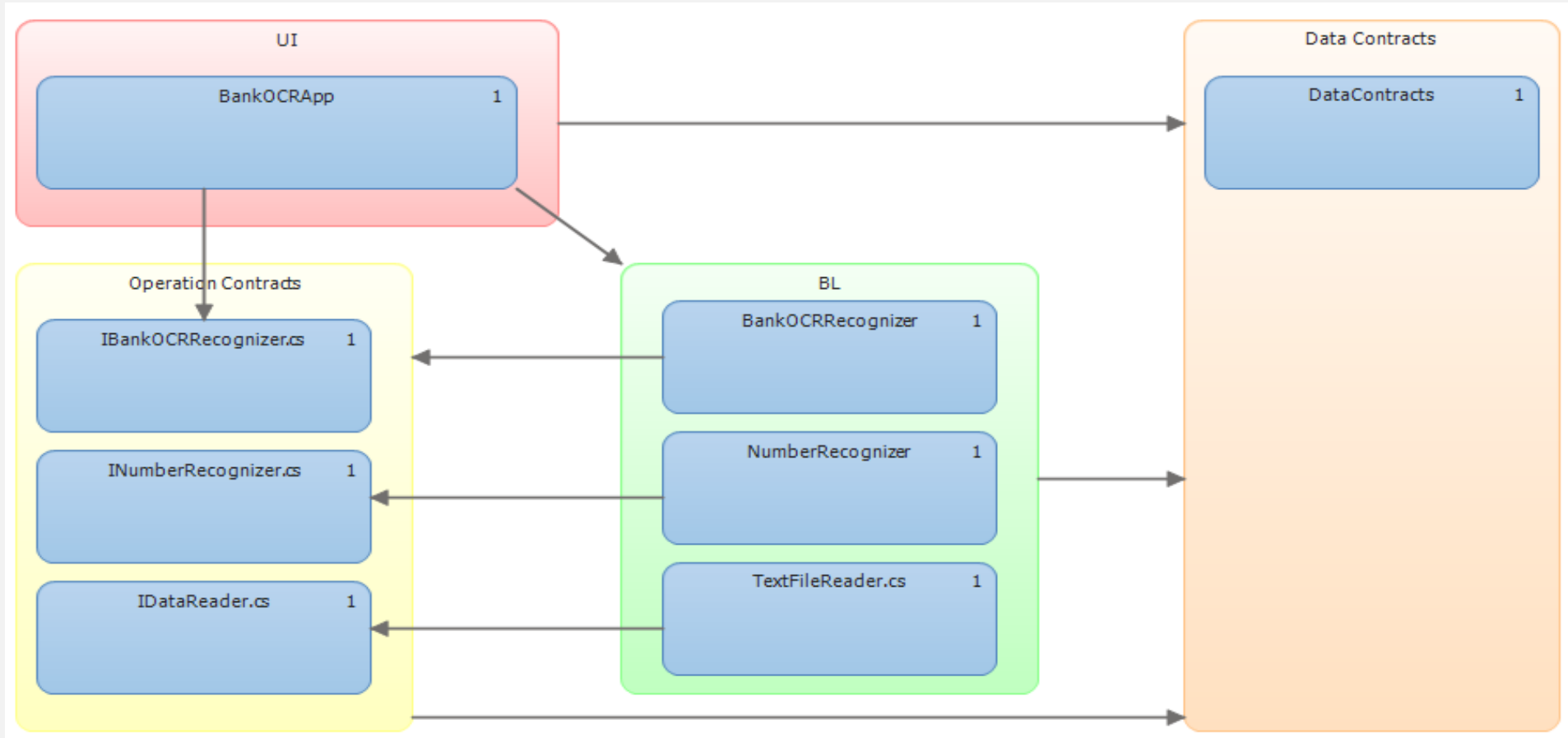
Visualisierung
von
Abhängigkeiten

Validierung
der
Architektur

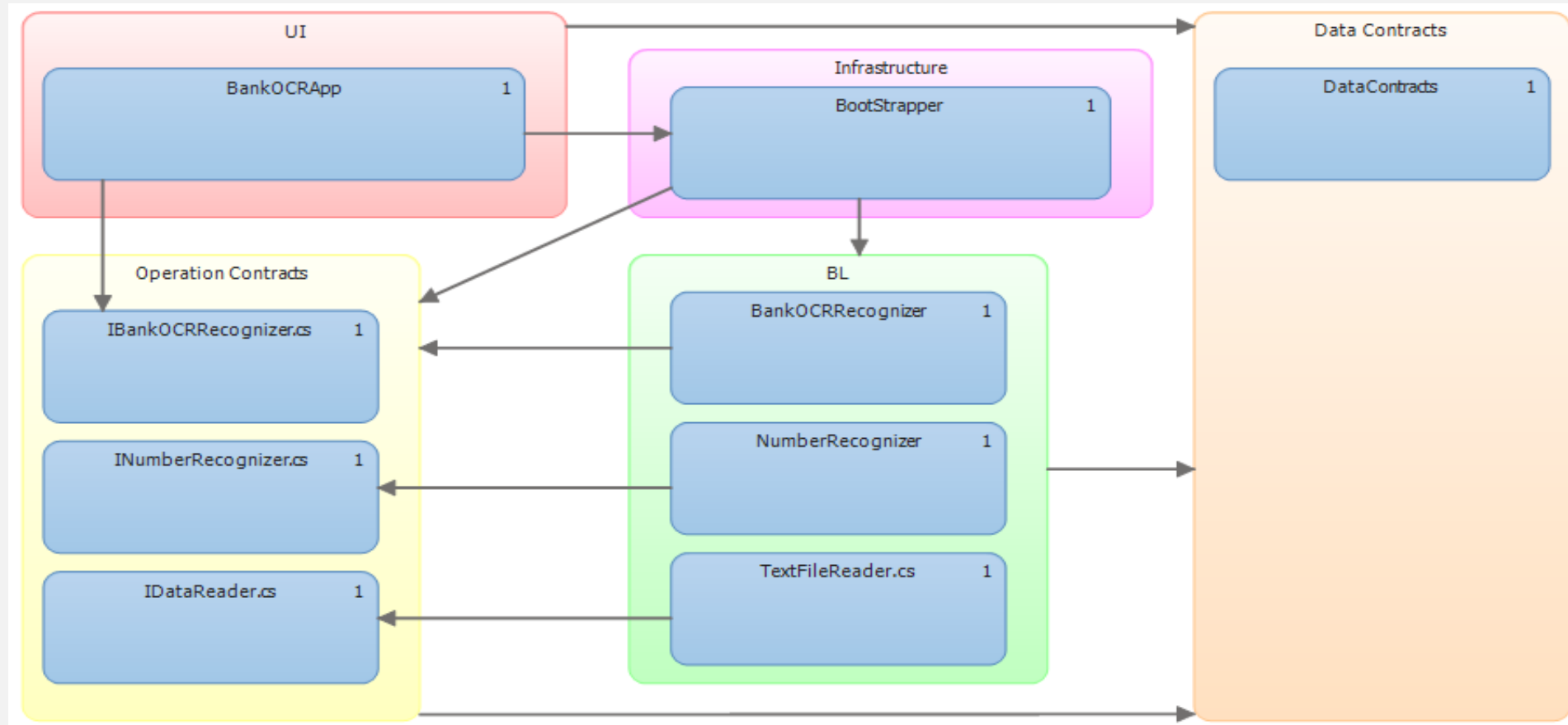
Finden von
Code Clones

Demo

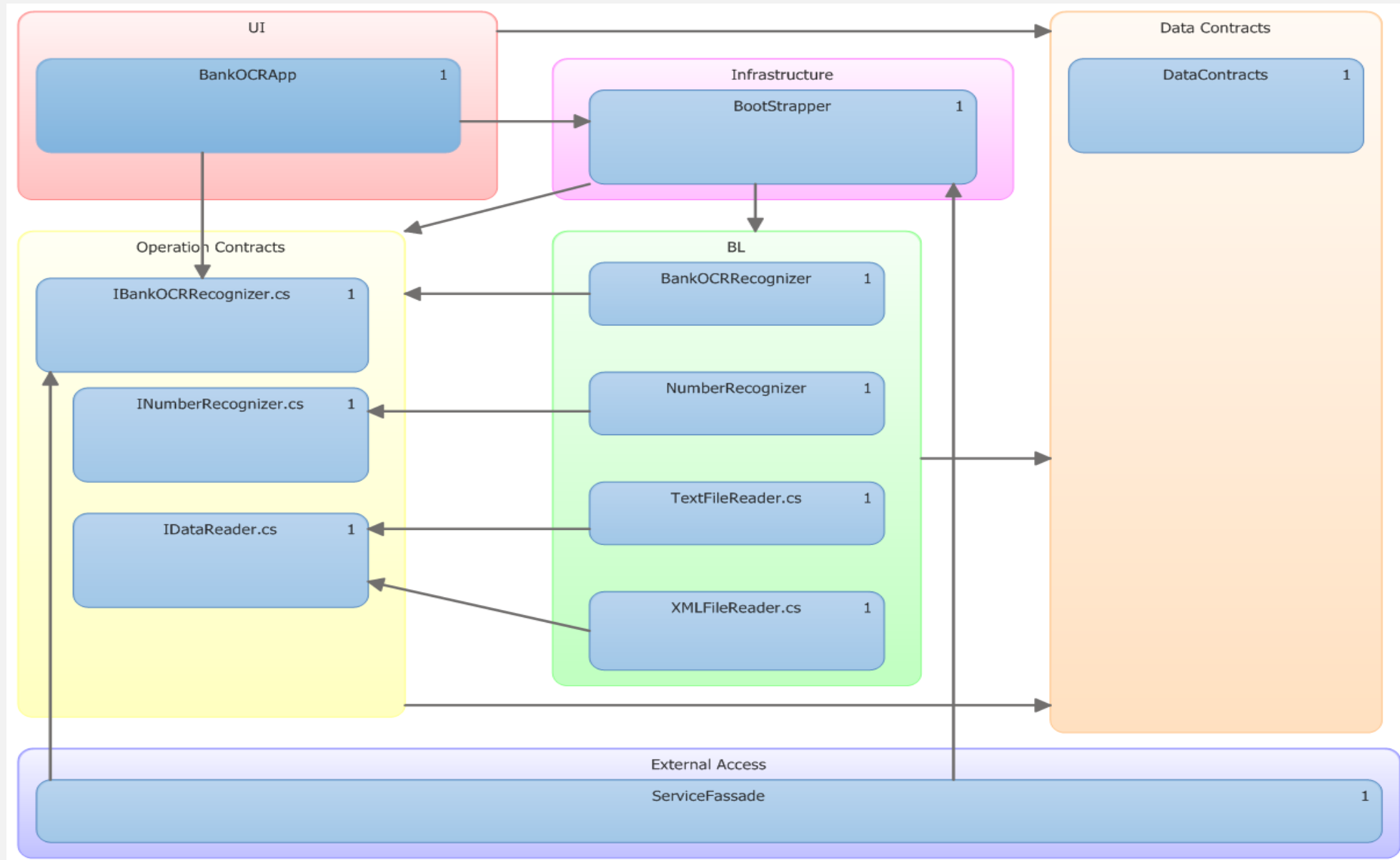
IoC Konfiguration in App



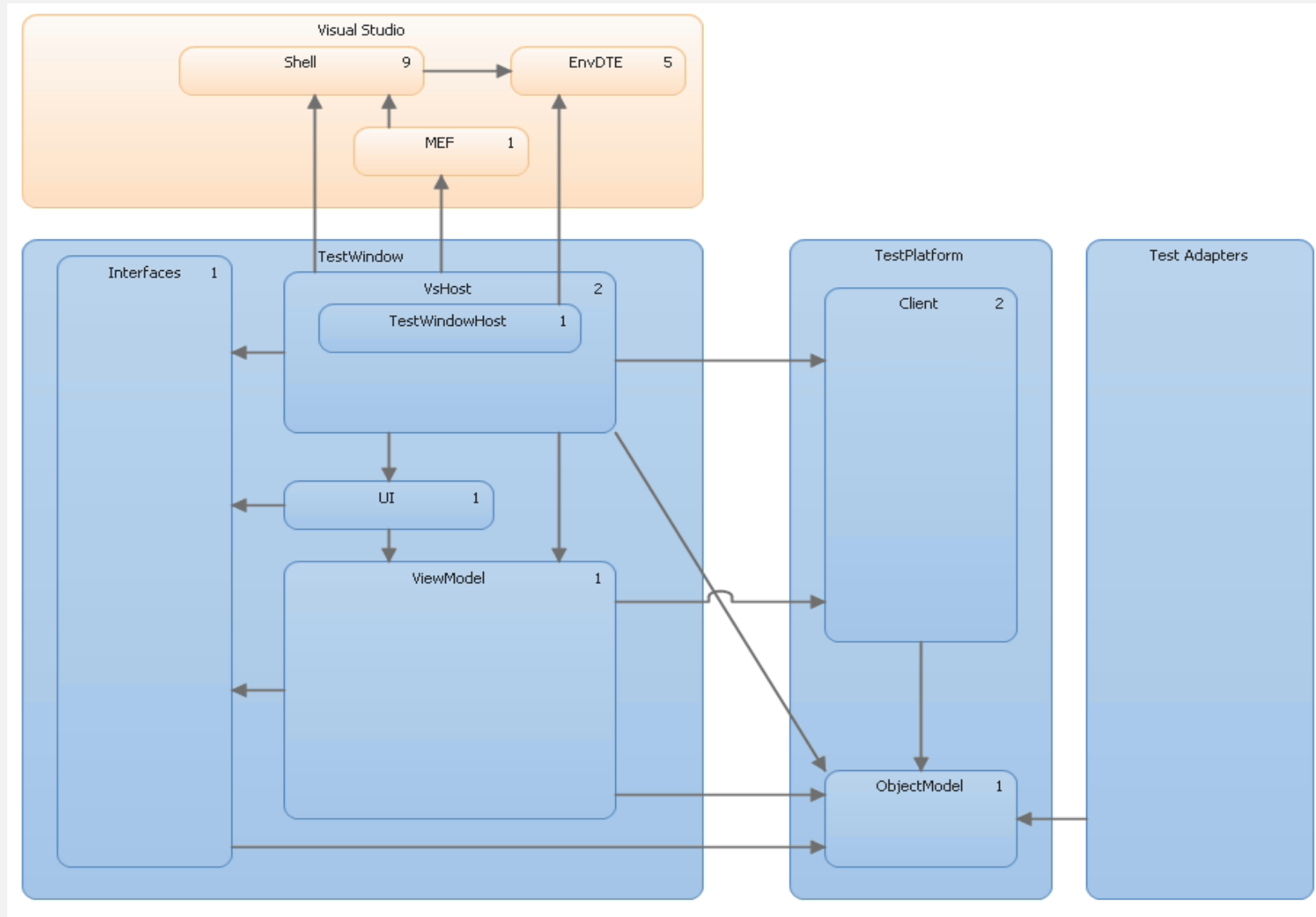
IoC Konfiguration über BootStrapper



Erweiterung des Modells



Layer Unit Testplatform



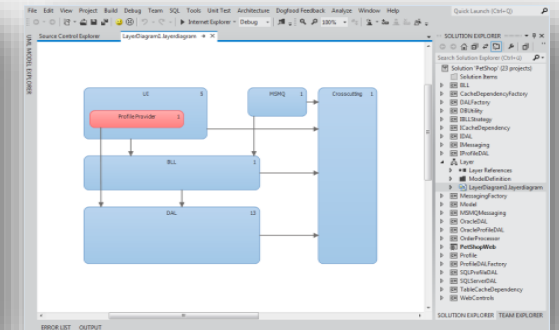
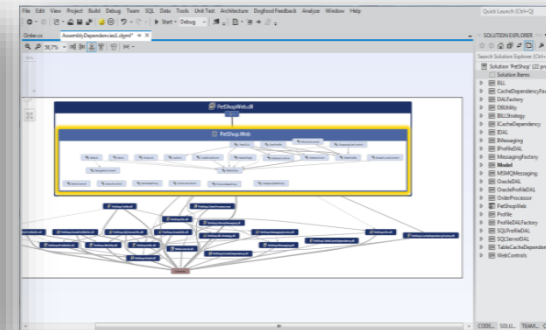
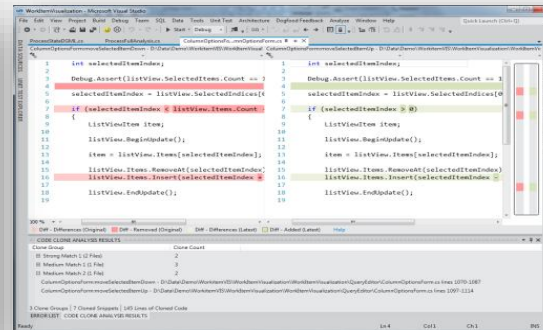
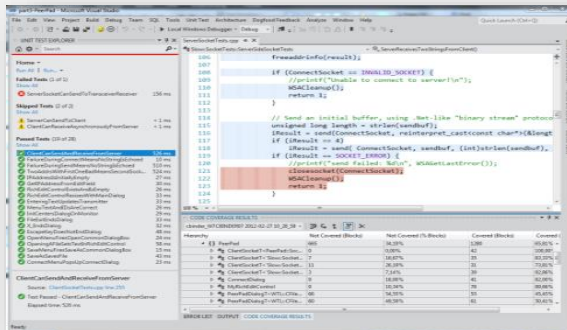
Werkzeuge für eine wart- und erweiterbare Codebasis

Unit Testing
MS Fakes

Code Clone

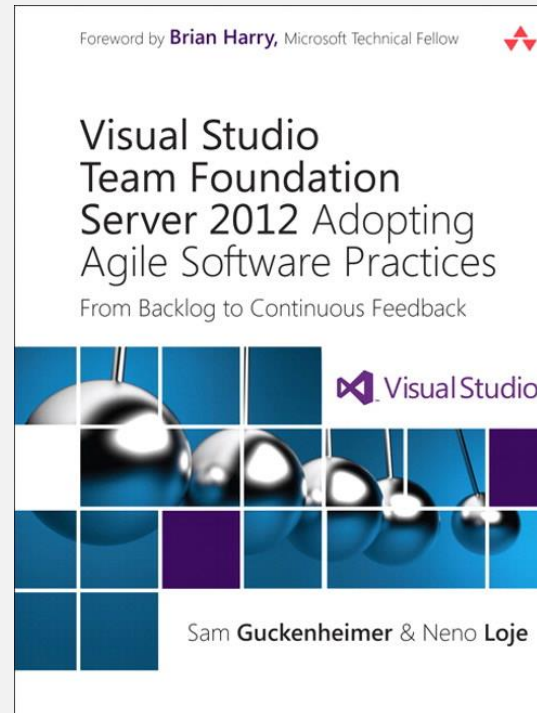
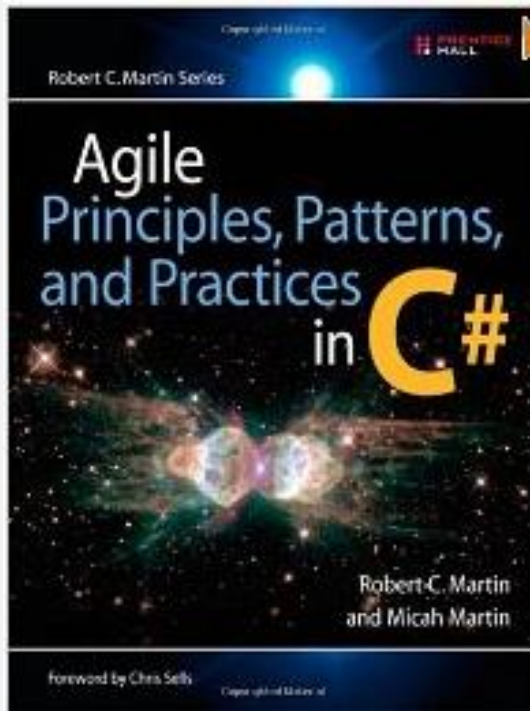
Architecture
Discovery

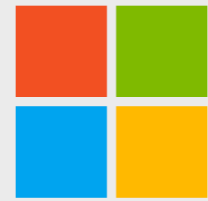
Layer Diagram



Buchempfehlung

Agile Principles, Patterns, and Practices in C#





Microsoft