Refactoring into Bounded Contexts: A Walkthrough

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Refactorings

CRUD Maintenance Domain & Tests

Maintenance DbContext & Tests

The Shopping Cart Domain & Tests

Both DbContexts for the Shopping Cart

Shopping Cart's "Repository" & Service

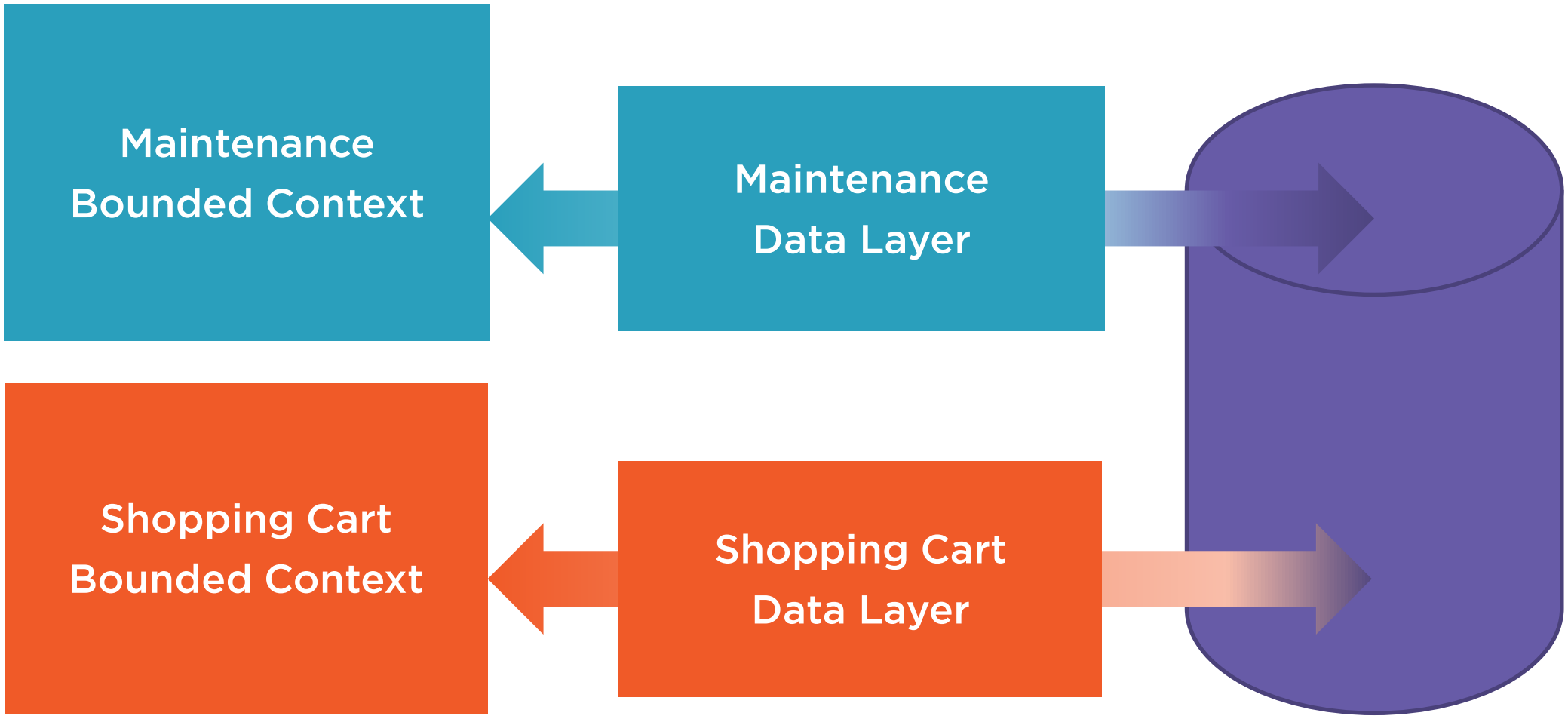
Shopping Cart Integration Tests

Re-align the Website

Refactoring the Maintenance Domain, Data Layer & Tests

Refactoring the Shopping Cart Bounded Context and Data Layer

Refactoring the Shopping Cart Tests


Maintenance
Bounded Context
Maintenance
Data Layer
Shopping Cart
Bounded Context
Shopping Cart
Data Layer

Updating the Web Sites

Web Site Fixes

- Reference and namespaces for new projects
- Namespaces in views
- Connection string in web.configs
- Debug configuration

Refactoring

Many Decisions

Move Code Around

Break up code

Naming Decisions

Rename projects and namespaces

Fix project & namespace references

Refactoring

Takes time

Takes thought

Takes trial & error

So many compiler errors

Refactoring

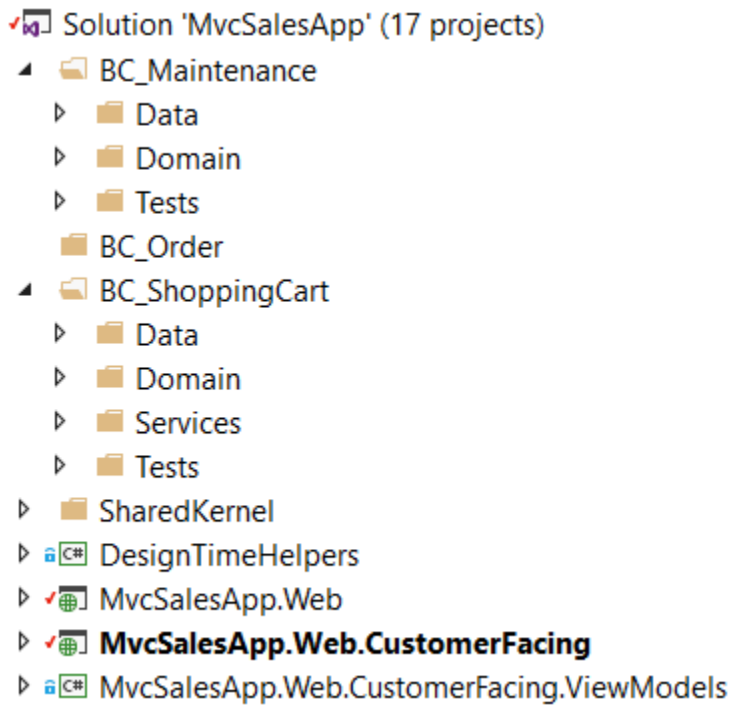
Worth the effort

Satisfying

Gratifying

Pays off in the long term

Bounded Contexts



Resources

Helpful Pluralsight Courses

- EF6 Ninja Edition: What's New in EF6 — bit.ly/PS-EF6
- Domain-Driven Design Fundamentals — bit.ly/PS-DDD
- Refactoring Fundamentals — bit.ly/PS-Refactor

Domain-Driven Design: Tackling Complexity in the Heart of Software
Eric Evans, 2003, Addison-Wesley Press

StructureMap Website — structuremap.github.io

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