

# INTRODUCTION TO **CQRS**

**What does 3-tier mean?**

Client



Web



Data

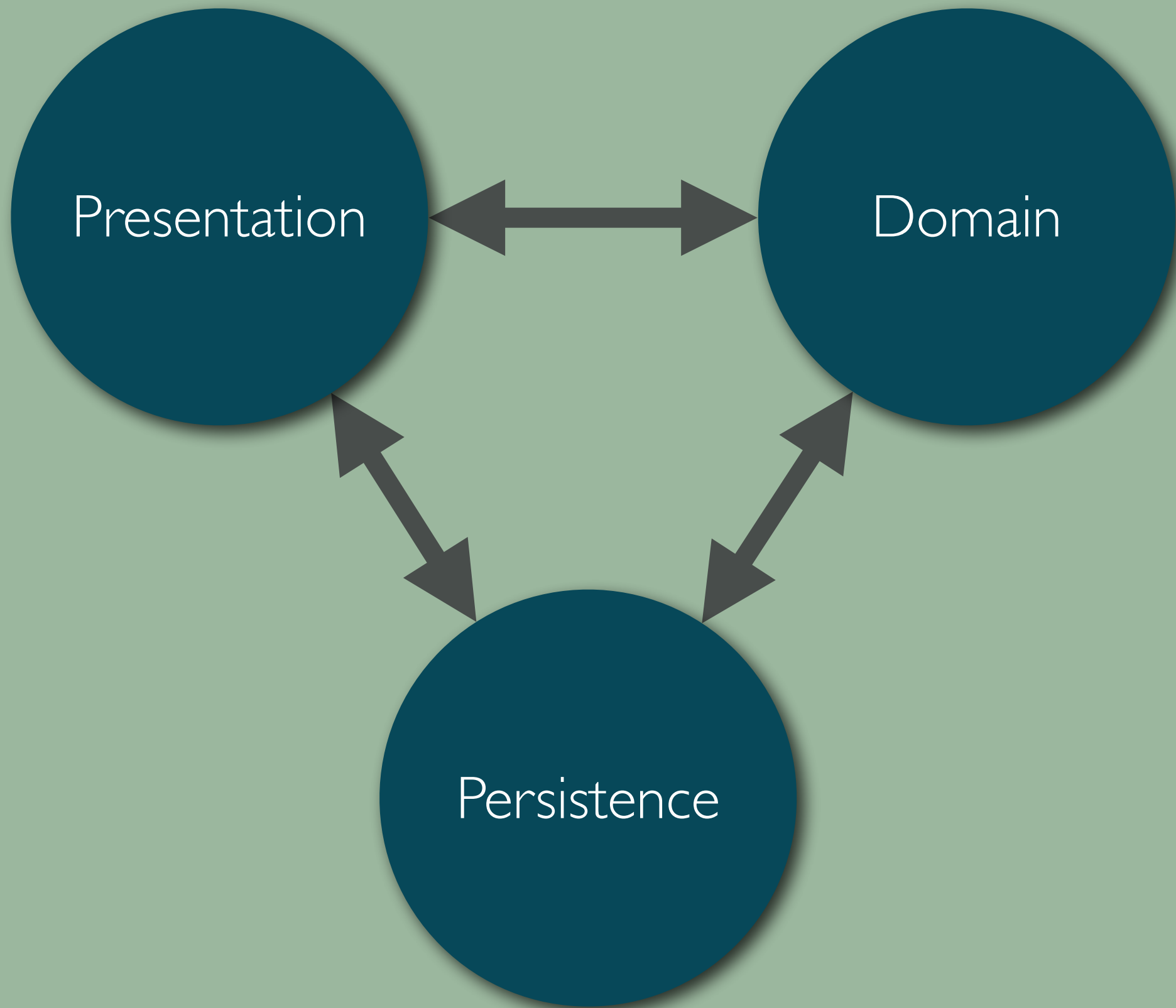
Presentation

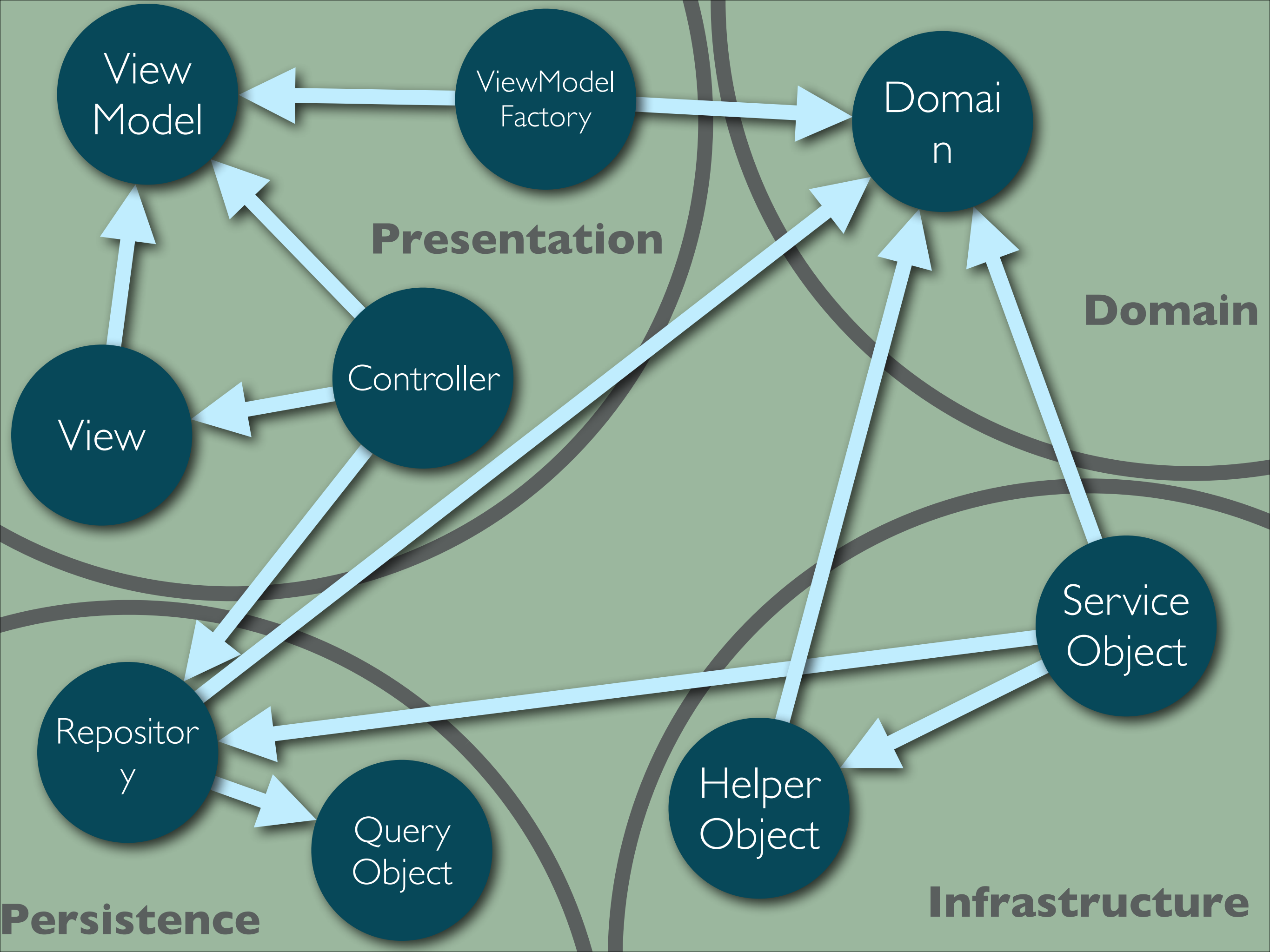


Domain



Persistence





# Typical Approach

- AutoMapper
- To update object we
  - Read from database
  - Merge in the changes in memory
  - Write to the database
- Is there a better, simpler way?

# CQRS

- Identify additional models depending on their use (Command, Query)
- These new models can cut through from repository to view to reduce complexity
- Anaemic models (i.e. models with little or no logic can help improve code clarity)