DOMAIN DRIVEN DESIGN
TACKLING THE COMPLEXITY IN THE HEART OF SOFTWARE

ABOUT ME

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Domain-Driven DESIGN

Tackling Complexity in the Heart of Software

Eric Evans

Foreword by Martin Fowler
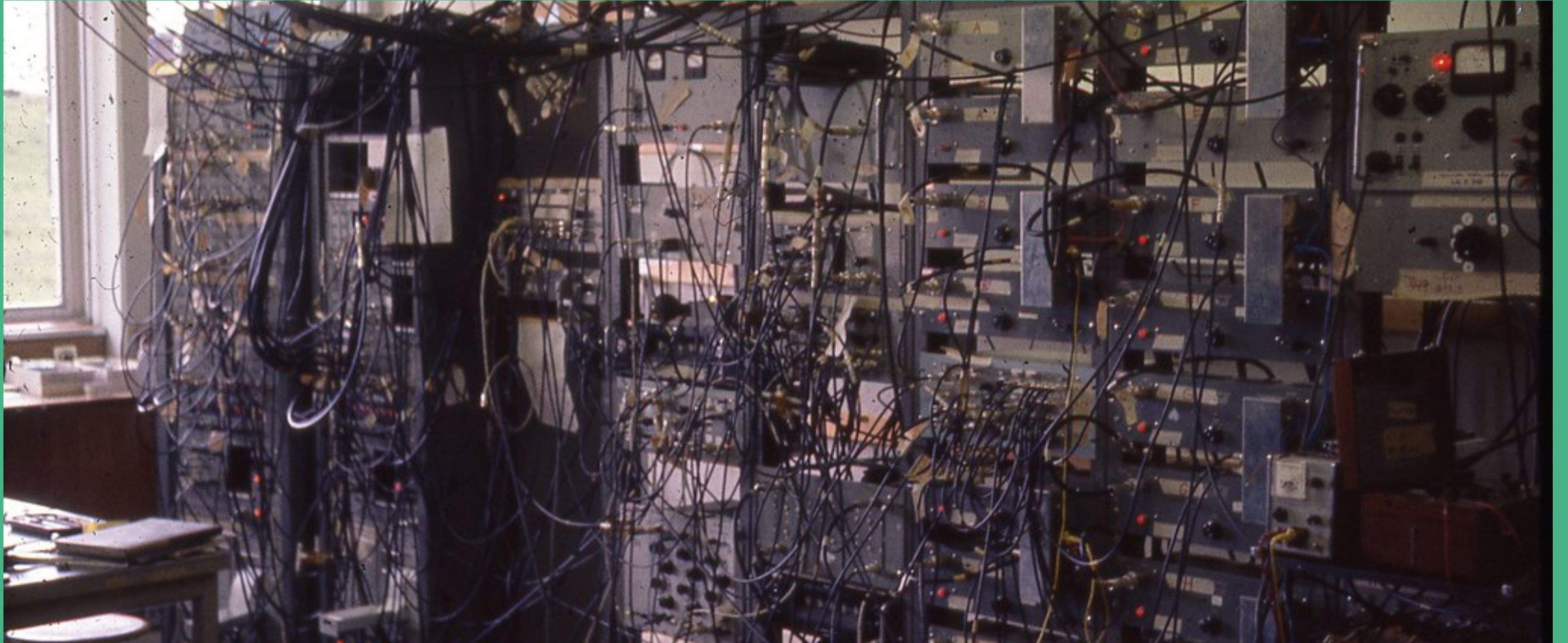
WHY DDD?

WHAT IS COMPLEX ABOUT SOFTWARE?

NO SILVER BULLET

» Accidental Complexity

» Essential Complexity

ACCIDENTAL COMPLEXITY

ESSENTIAL COMPLEXITY

TACKLING COMPLEXITY IN THE HEART OF SOFTWARE

COUPLING

» Compile time

» Run time

» Temporal

» Semantic

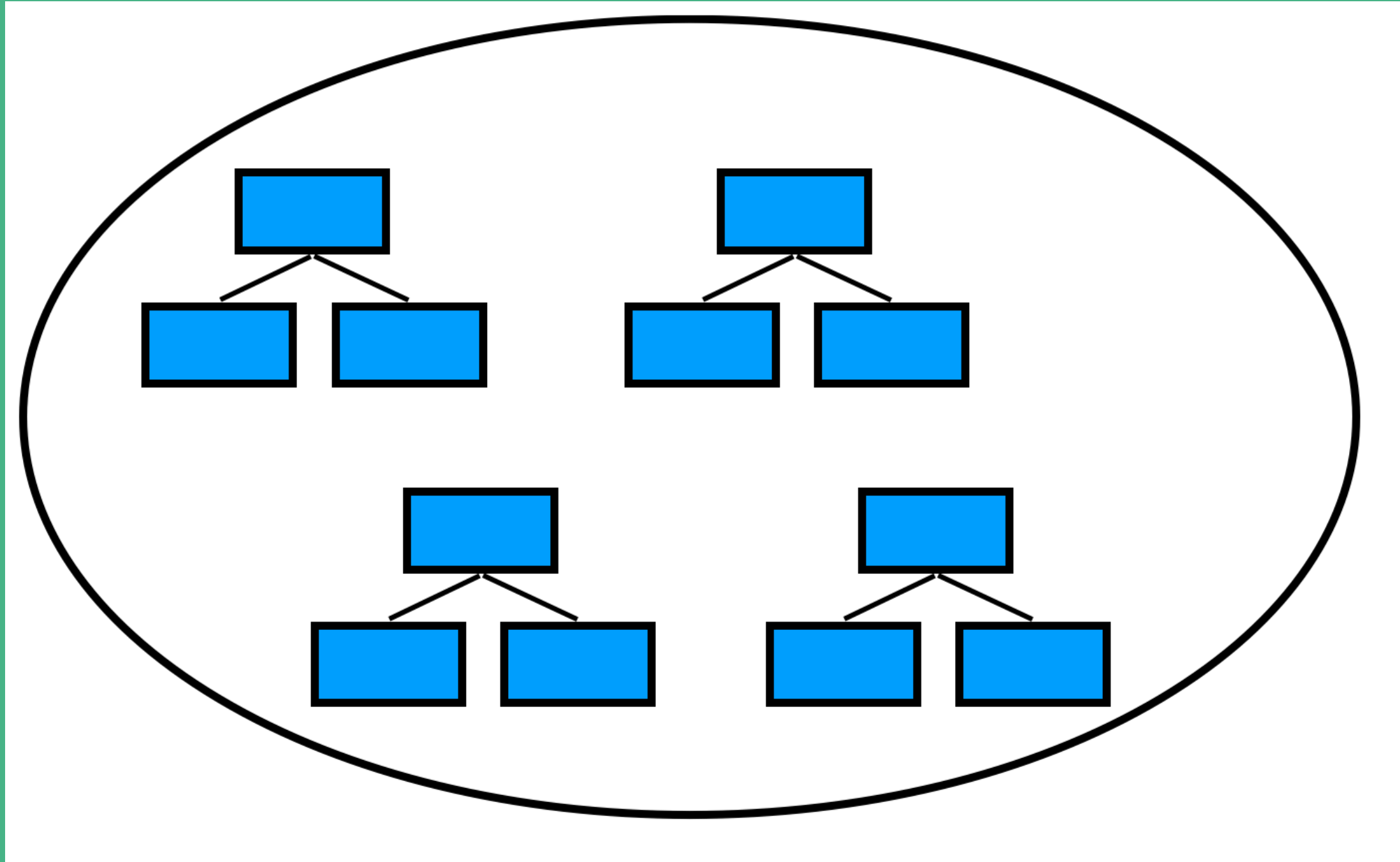# "ALL MODELS ARE WRONG, BUT SOME ARE USEFUL"

George Box

STRATEGIC DDD

UBIQUITOUS LANGUAGE

BOUNDED CONTEXT

"FOR A SUFFICIENTLY LARGE SYSTEM, NOT ALL OF IT WILL BE WELL DESIGNED"

Eric Evans

DOMAIN

Some slice of your software

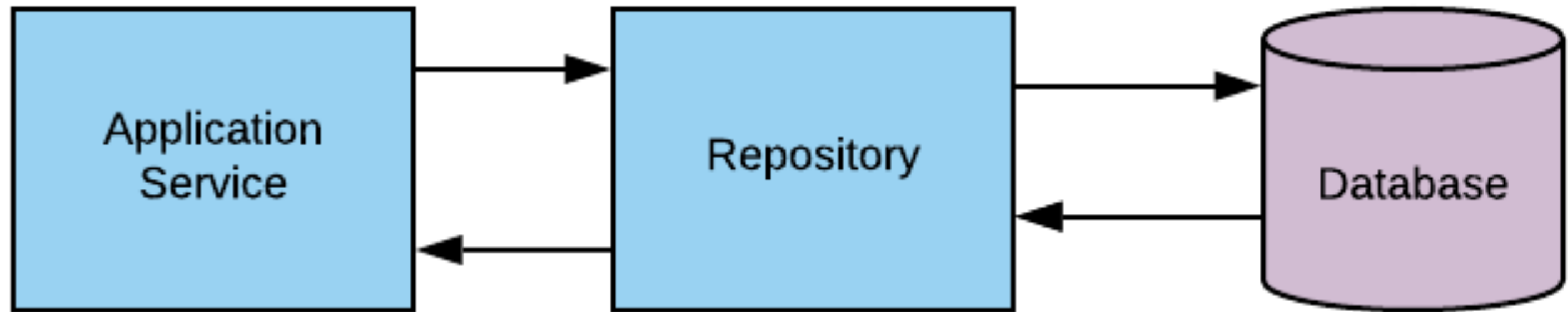Ideally, maps to a bounded context

Also, subdomains

DOMAINS

	SAME	UNIQUE
Not Differentiating	Generic	Supporting
Differentiating	?!	Core

WHAT SHOULD YOU DO?

» Generic

   » "Buy"

   » Use 3rd party

   » Use a framework

» Supporting

   » Develop, maybe outsource

» Core

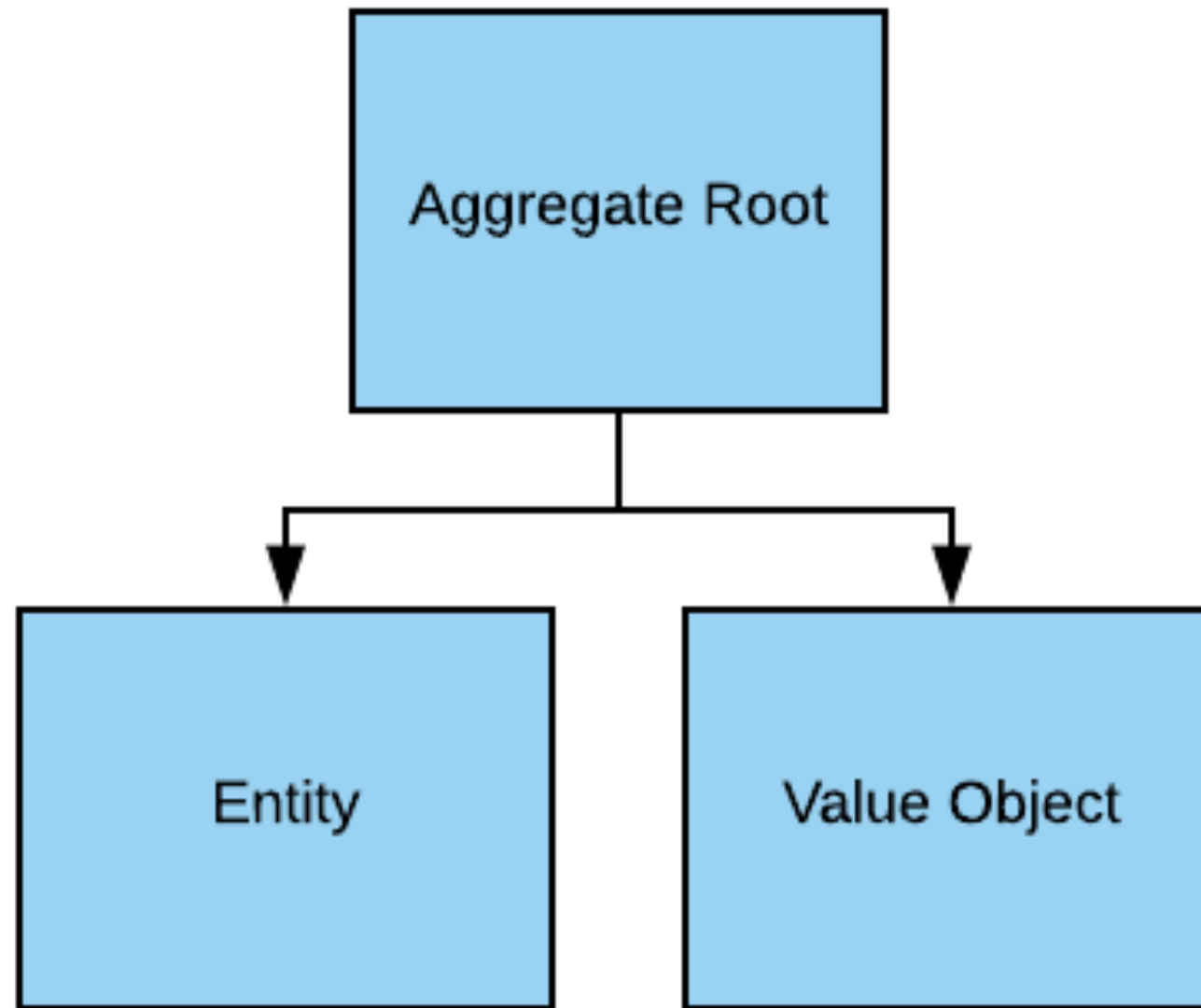# TACTICAL DDD

DOMAIN OBJECTS

» Entity

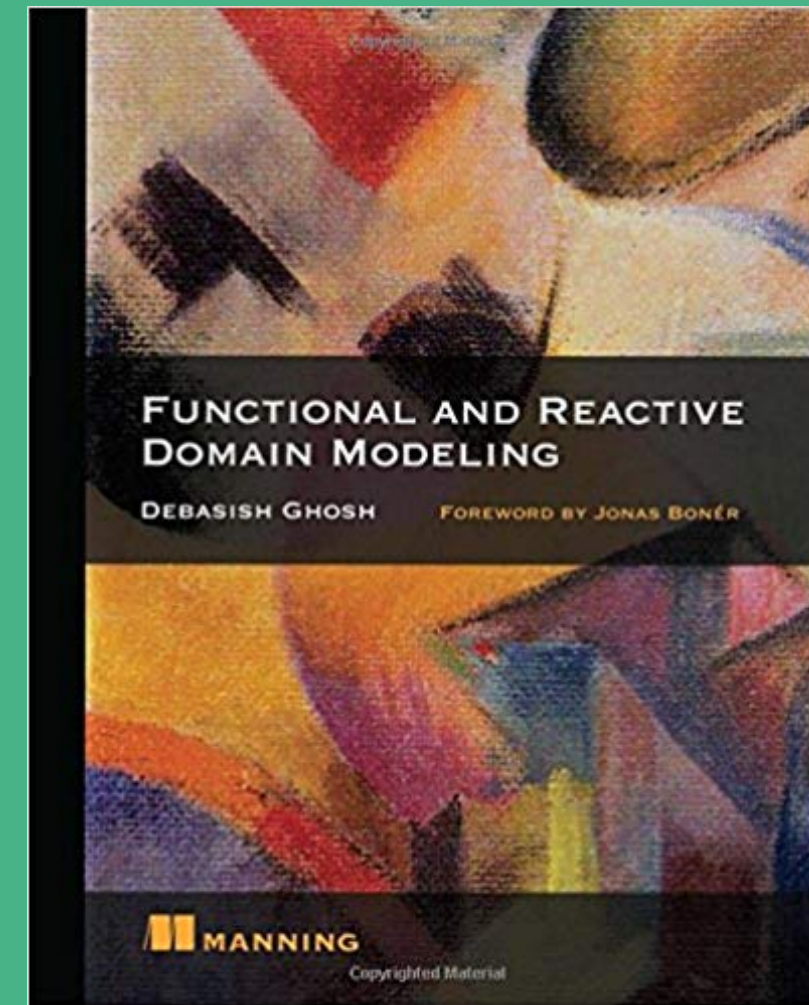» Value Object

» Domain Service

» Domain Event

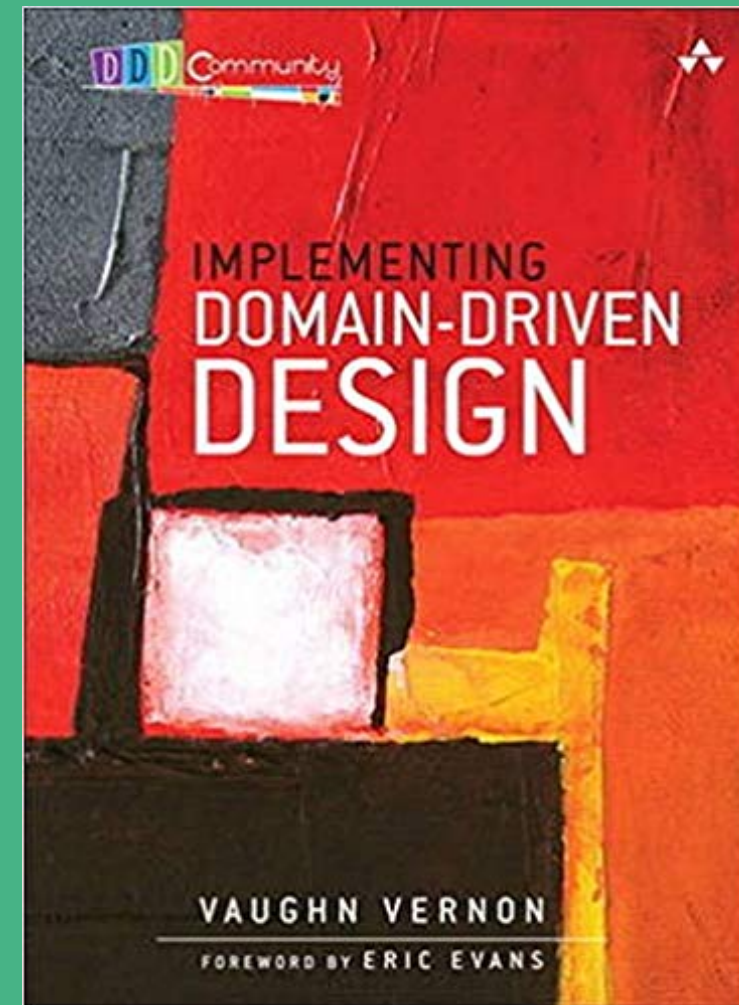# AGGREGATE

RAILS AND DDD

FLAVORS OF DDD

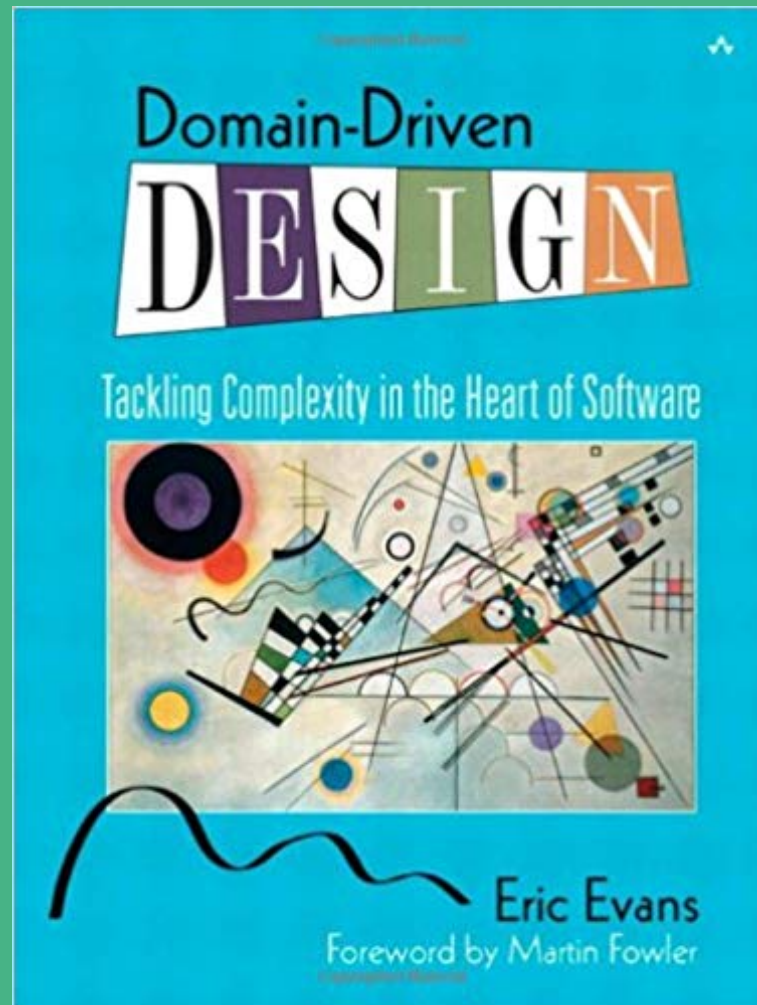|	
Original	Object Oriented
CQRS	Event Oriented
Vlingo	Actor Model
-	Functional

BOOKS

Domain-Driven **DESIGN**
Tackling Complexity in the Heart of Software
Eric Evans
Foreword by Martin Fowler

DOMAIN-DRIVEN **DESIGN** DISTILLED
VAUGHN VERNON

DDD Community
IMPLEMENTING DOMAIN-DRIVEN **DESIGN**
VAUGHN VERNON
FOREWORD BY ERIC EVANS

FUNCTIONAL AND REACTIVE DOMAIN MODELING
DEBASISH GHOSH
FOREWORD BY JONAS BONÉR
MANNING
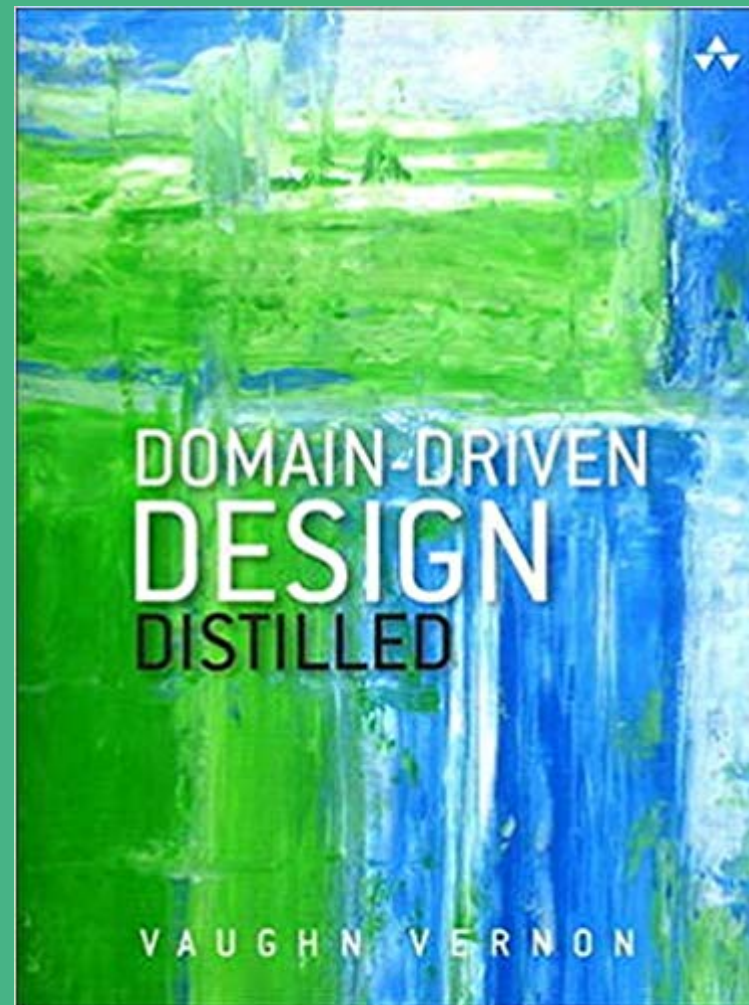
ME

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