

XPUG

April 09

Domain Driven Design

Complexity,

Agility

and good ol' OO

The Challenge of Complexity

Extrinsic complexity

Intrinsic complexity

Consequences of Complexity

Fear and Rigidity

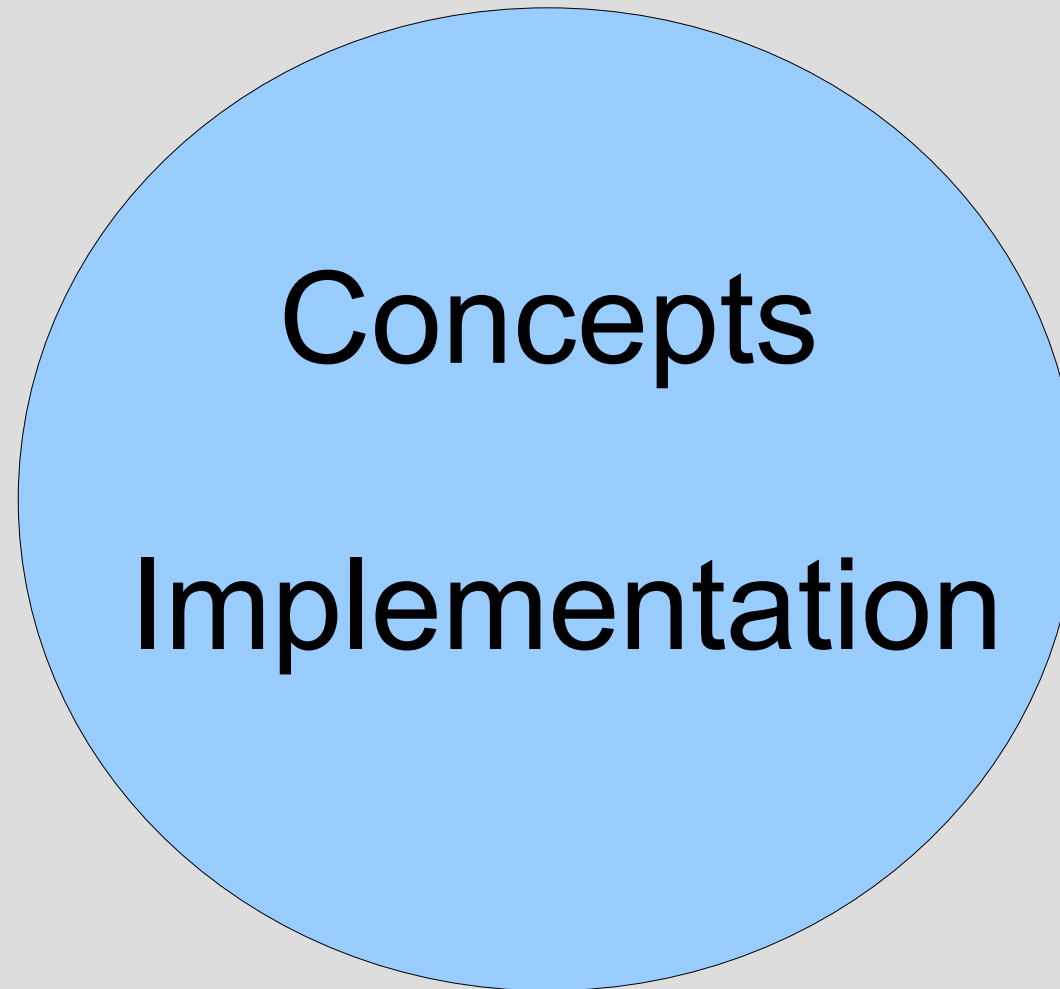
Controlling Complexity

Domain Model

Domain Model

Distilled Domain Knowledge

Domain Model



Development Process

Iterative

Development Process

Collaboration

Domain Experts

Knowledge Crunching

Continuous Learning

Do you know enough ?

Knowledge-Rich Design

Make it explicit !

Refactoring

Benefits

Ubiquitous Language

Ubiquitous Language

Vocabulary

'Continuous Integration'

Hands-On Modelers

Are you
still programming
or
already modelling
???

Building Blocks

Entity

Building Blocks

Value Object

Building Blocks

Aggregate

Building Blocks

Factory

Building Blocks

Repository

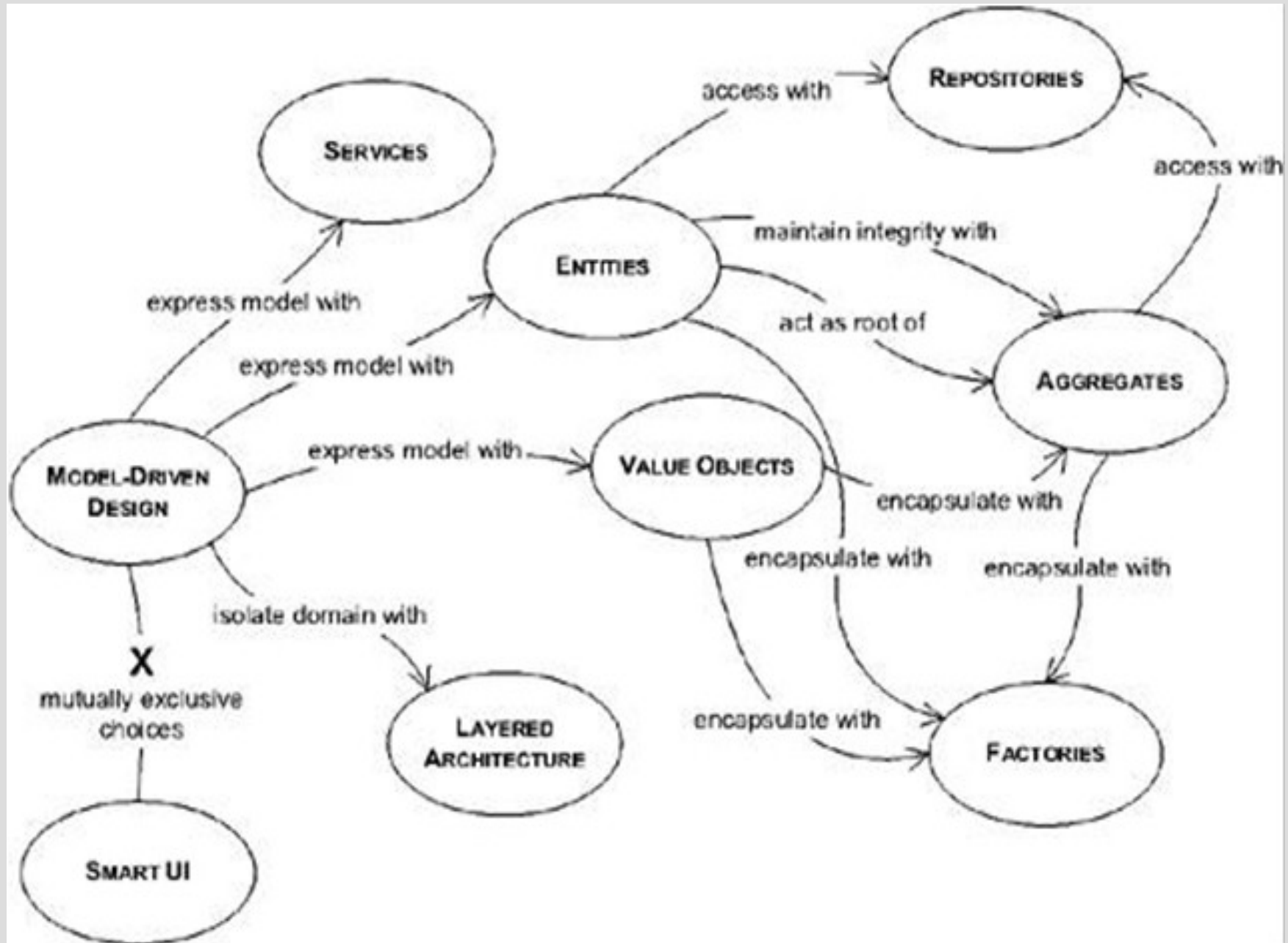
Building Blocks

Service

Building Blocks

Module

Building Blocks



Intention-Revealing Interfaces

Side-Effect-Free Functions

Explicit Constraints

Declarative Design

Specification

Expressive Models

Domain-Specific Languages

Bounded Context

Expressive Models

