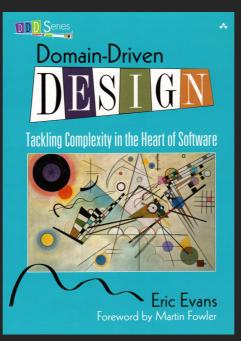
# An introduction to Domain Driven Design

REP



### It started with a book





# Tackling Complexity in the Heart of Software



# DDD provides for the Strategic and Tactical



## Domains & Models





#### A Domain is

#### something in the real-world





#### the subject of our project



#### A Domain is

#### understood by experts in the space



A Domain Model is

#### a representation of the Domain



A Domain Model is

#### an abstraction of reality



A Domain Model is

#### expressed as diagrams, words, code



# Building domain knowledge

"We have really everything in common with America nowadays except, of course, language"

Oscar Wilde



# Ubiquitous Language



Ubiquitous Language is

# The agreed concepts, meanings and terms for the project



## You have to talk!



Ubiquitous Language is

#### Foundational to implementing Domain Driven Design



#### In Domain-Driven Design

#### Everything revolves around Ubiquitous Language



# Observations about creating a domain model



Focus effort where it matters





# Event Storming





# User Story Mapping



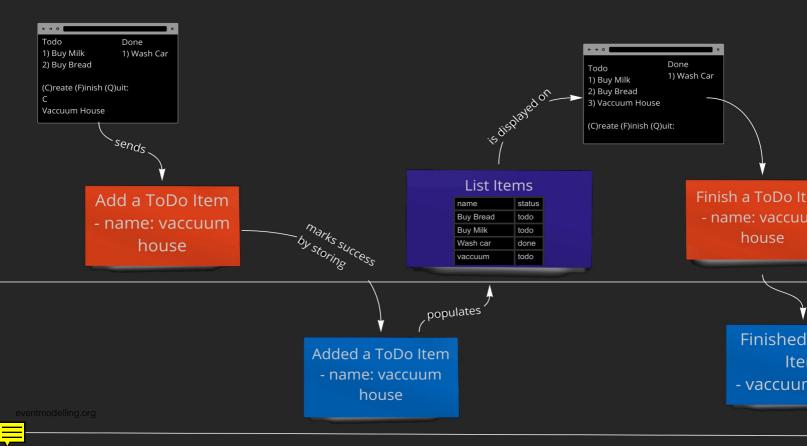
By Dai Fujihara - CC BY-SA 2.0

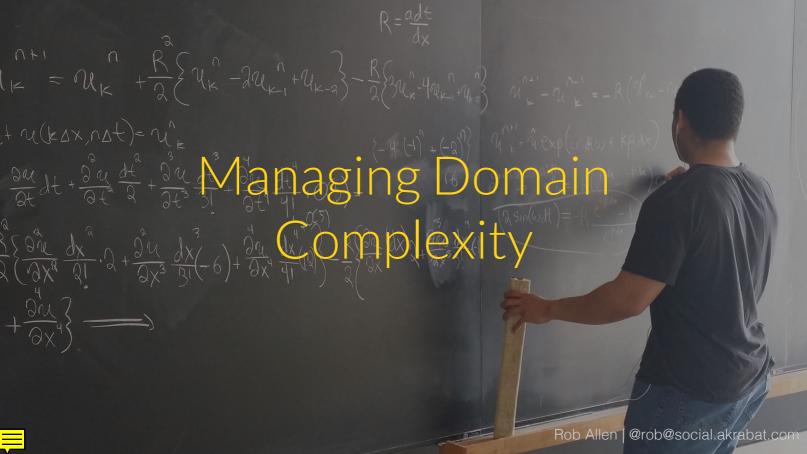
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States

# Event Modelling







Bounded Contexts

#### define the boundary for a model



Bounded Contexts

# protect the domain model from dilution

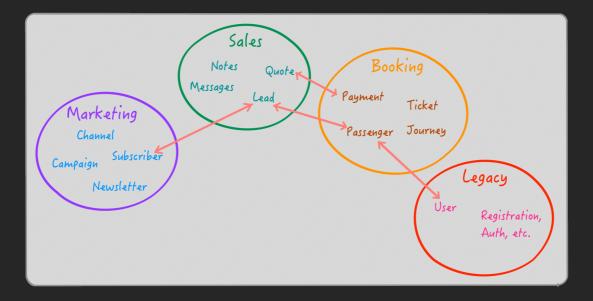


Bounded Contexts

#### are composed into an application



#### Context maps



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# Entities, Value Objects & Aggregates



#### Storing State







#### Architecture



# To sum up



"Domain-Driven Design is about creating shared understanding of the problem space that is reinforced ubiquitously via conversations, code and diagrams."

Nick Tune



# Thank you!

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