

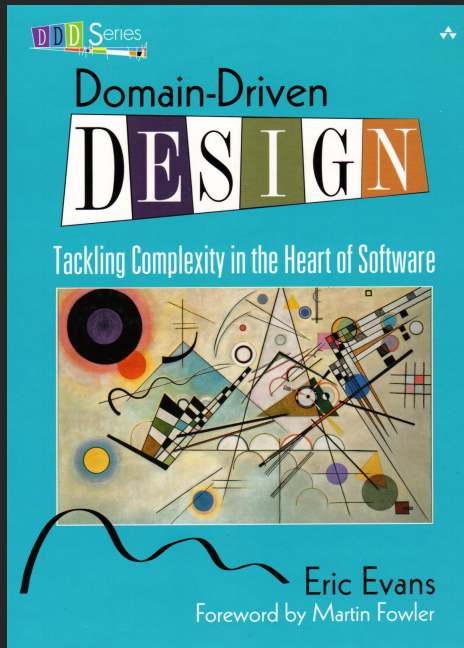
Strategic DDD



Rob Allen, November 2025



It started with a book



Tackling Complexity in the Heart of Software



DDD provides for the Strategic and Tactical



A board game map with Arabic text and colored pieces. The map features various regions in yellow, orange, and red, with black outlines. Arabic text is visible, including "الولايات المتحدة" (United States), "شرق" (East), "غرب" (West), and "البحر الأحمر" (Red Sea). Numerous plastic pieces in blue, red, yellow, and green are placed on the map. A compass rose is located in the bottom left corner.

Strategic Design

Domains & Models



London's Rail & Tube services



Holborn station

Piccadilly line journey times

For timetable information,
including first and last train times:

- Download the TfL Go app
- Visit tfl.gov.uk/timetables
- Scan the QR code below



Trains run every 3-5 minutes in central areas and 5-10 minutes in outer areas for most of the day*

*Lisbridge branch trains run at up to 20 minute intervals.

Early morning and late night trains may run less frequently.



Operates on Friday and Saturday nights
to Gatwick and Heathrow

between Cockburnspath and
Leamington Heathrow Terminal 4
in 11 minutes.

Trans run approximately every 10 minutes.

A Domain is

something in the real-world



A Domain is

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

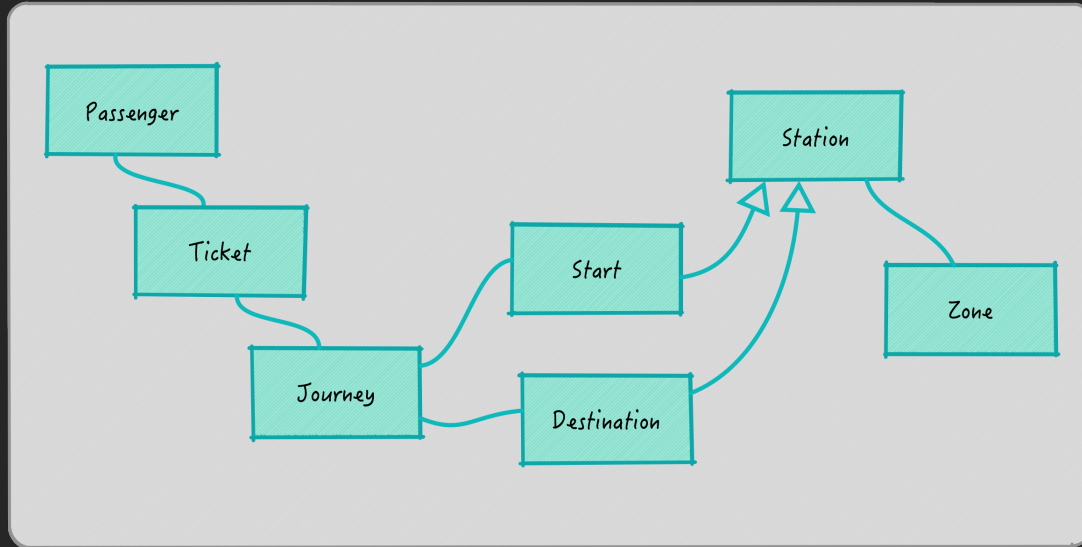


A Domain Model is

expressed as diagrams, words, code



Expressed as a diagram



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



Knowledge Crunching



Knowledge Crunching

Event Storming



Telefon

Ruf
an!

KINO-
BESUCHER

Tel.
klingelte

Telefon

Nimm
Hörer
ab!

KASSEN
MITARBEITER

ANRUF
ENTGEGEN-
GENOMMEN

Telefon

Sprich
Wunsch
aus!

Kunden-
wunsche
empfangen

SAAL PLAN
Stepel

Hale
Scully

Seelplan
gsholt

Wo, wenn
es auch
weiter geht.

PLAN
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KEINE
PLATZE
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SUCHE
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25.11.6.
PLÄTZE
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4



VERHAND
PLÄTZE

10/12/19

Son des fällen?

Knowledge Crunching

User Story Mapping



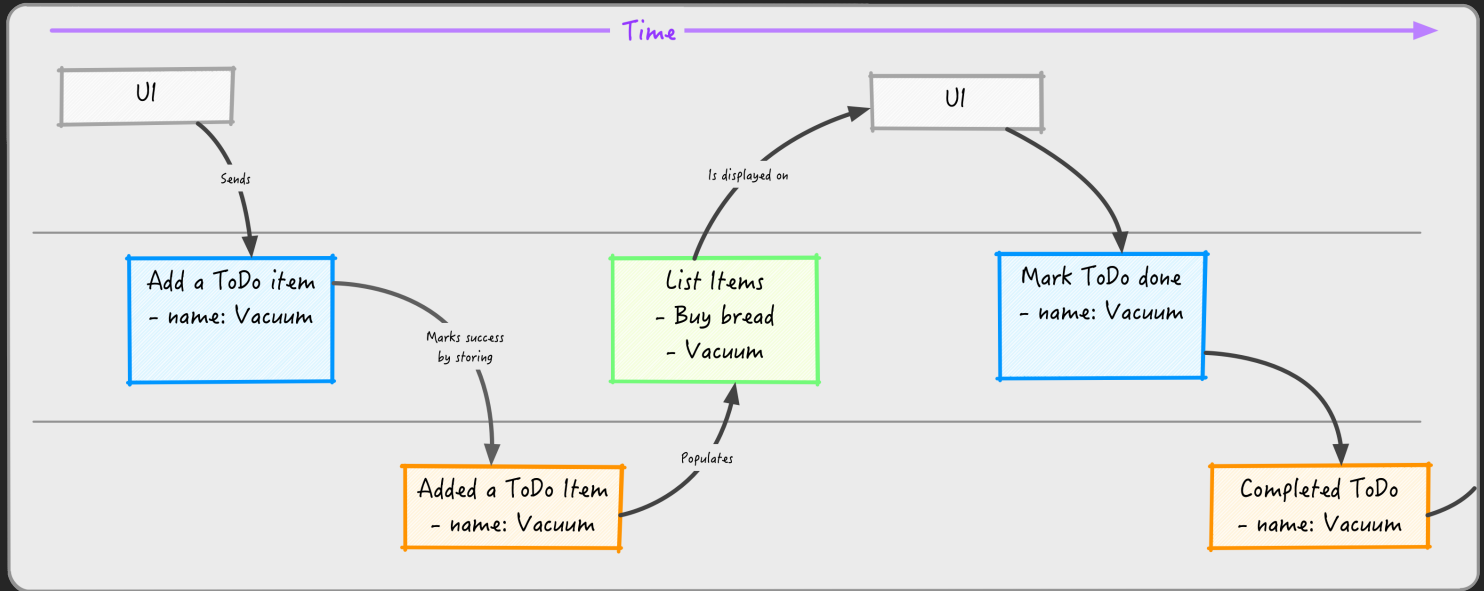


Knowledge Crunching

Event Modelling



Model change over time



Managing Domain Complexity



Bounded Contexts

define the boundary for a model



Bounded Contexts

*protect the domain model from
dilution*

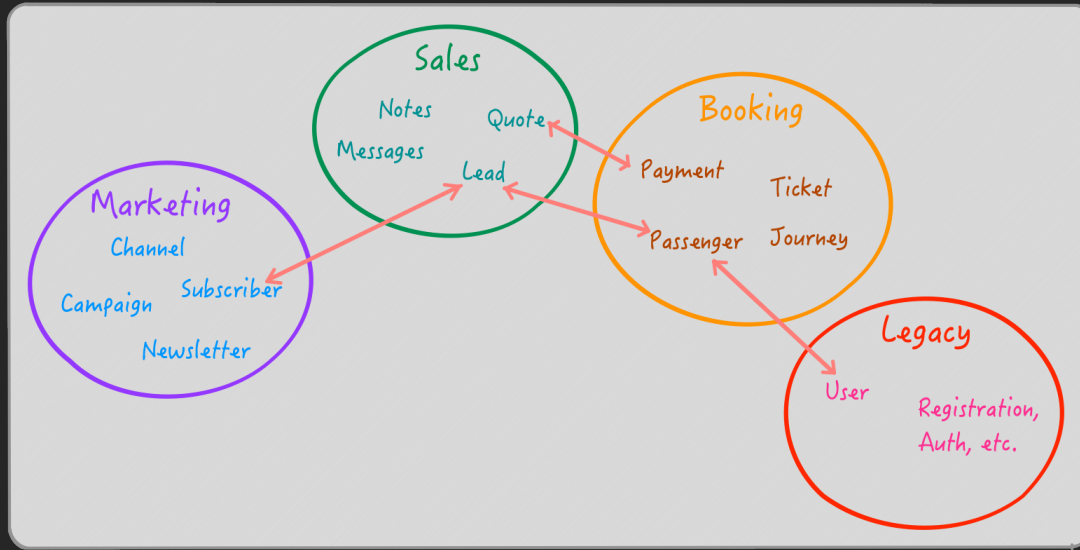


Bounded Contexts

are composed into an application



Context maps



To sum up



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



A scenic view of a lake, likely Lake Geneva, with several sailboats in the foreground and a city skyline in the background. The sky is clear and blue. The text "Thank you!" is overlaid in the center in a yellow, sans-serif font.

Thank you!

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