



Blazor
Conf 2026

Clean Architecture in Blazor

Principi, compromessi e cattive idee da evitare



Alberto Acerbis
Software Architect - Trainer



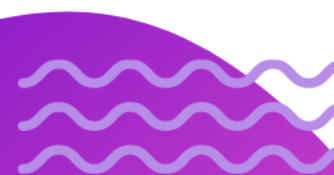
Un grazie agli sponsor e alle community

studio{MIT}

hunext
SOFTWARE

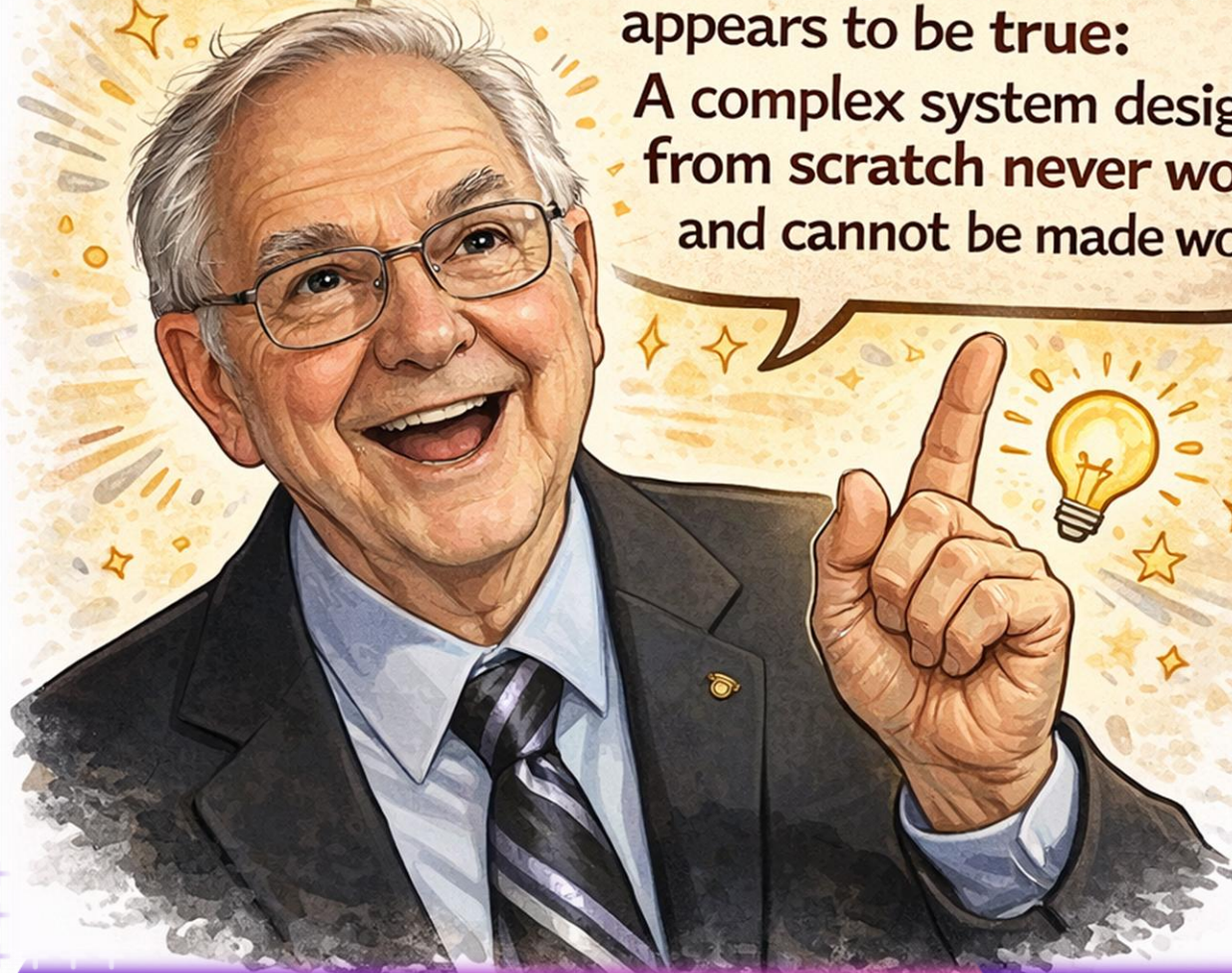
bpb





**A complex system that works
is invariably found to evolve from a
simple system that works.**

**The inverse proposition also
appears to be true:
A complex system designed
from scratch never works
and cannot be made work.**

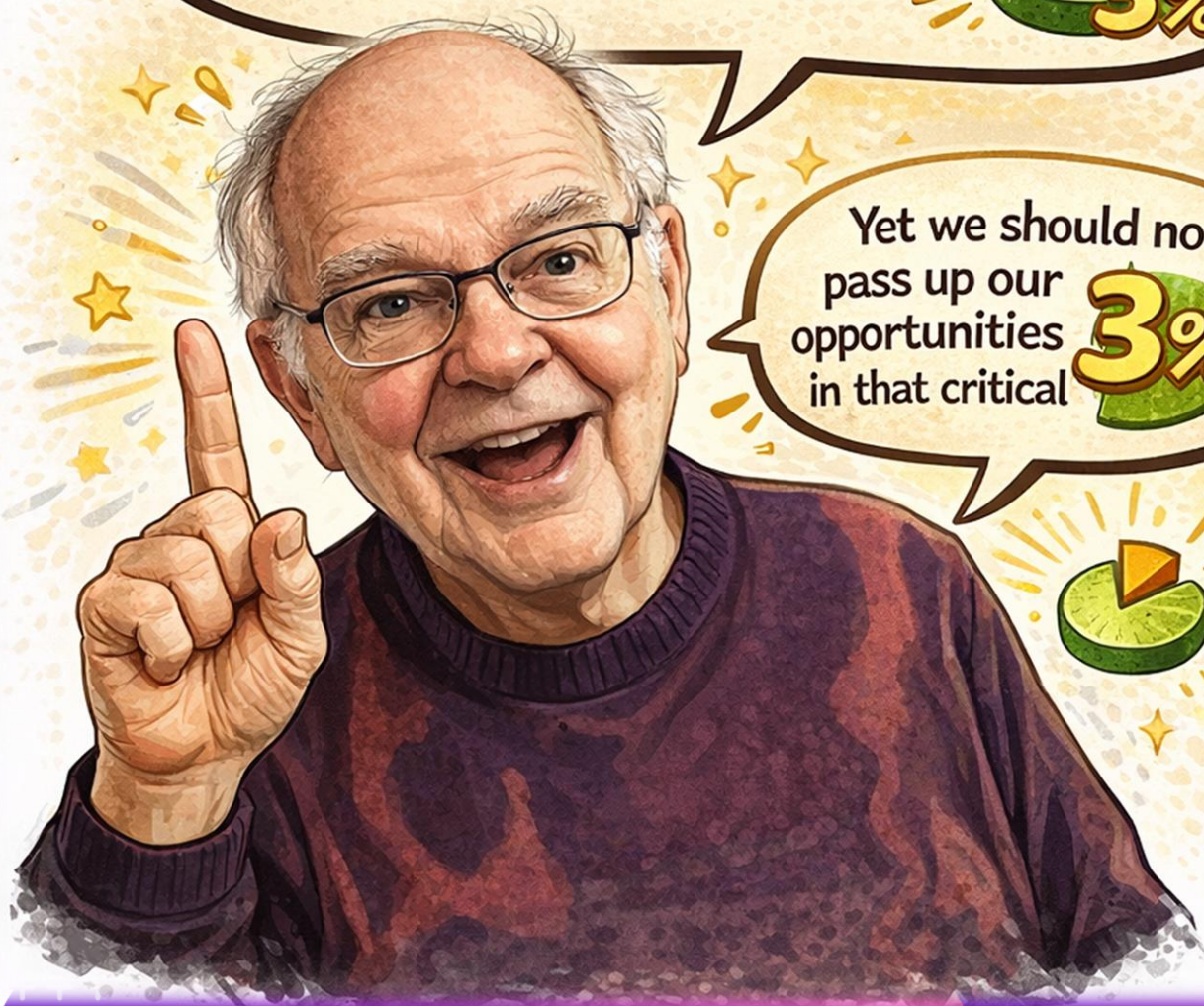


We should forget about small efficiencies,
say about **97%** of the time:

Premature optimization
is the root of all evil.



Yet we should not
pass up our
opportunities
in that critical **3%**



Le architetture evolvono ...

*Building systems that **age** gracefully and effectively is one of the enduring challenges of software development generally and software architecture specifically.*

*Bit rot: ..., is either a slow deterioration of software quality **over time** or its diminishing responsiveness that will eventually lead to software becoming faulty.*

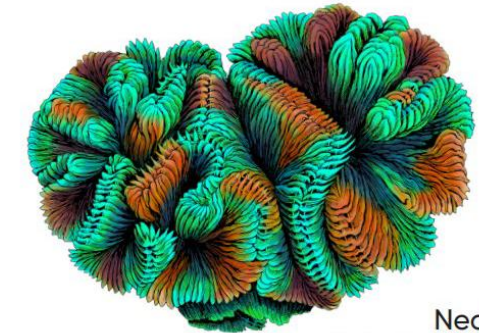


O'REILLY®

2nd Edition

Building Evolutionary Architectures

Automated Software Governance



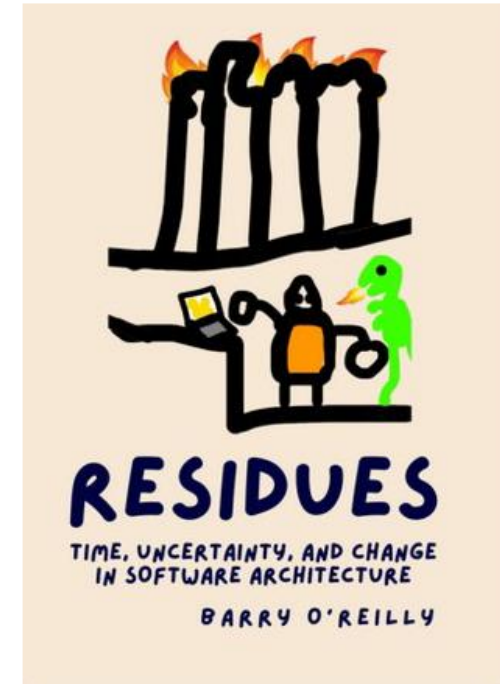
Neal Ford,
Rebecca Parsons,
Patrick Kua & Pramod Sadalage
Forewords by Mark Richards & Martin Fowler



Dipendenza dal business

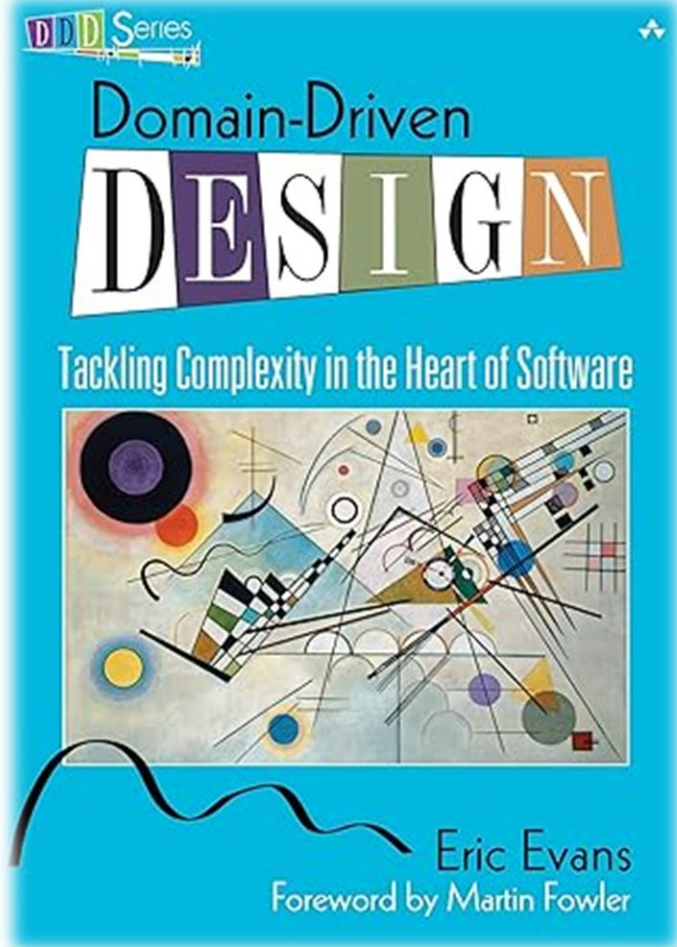
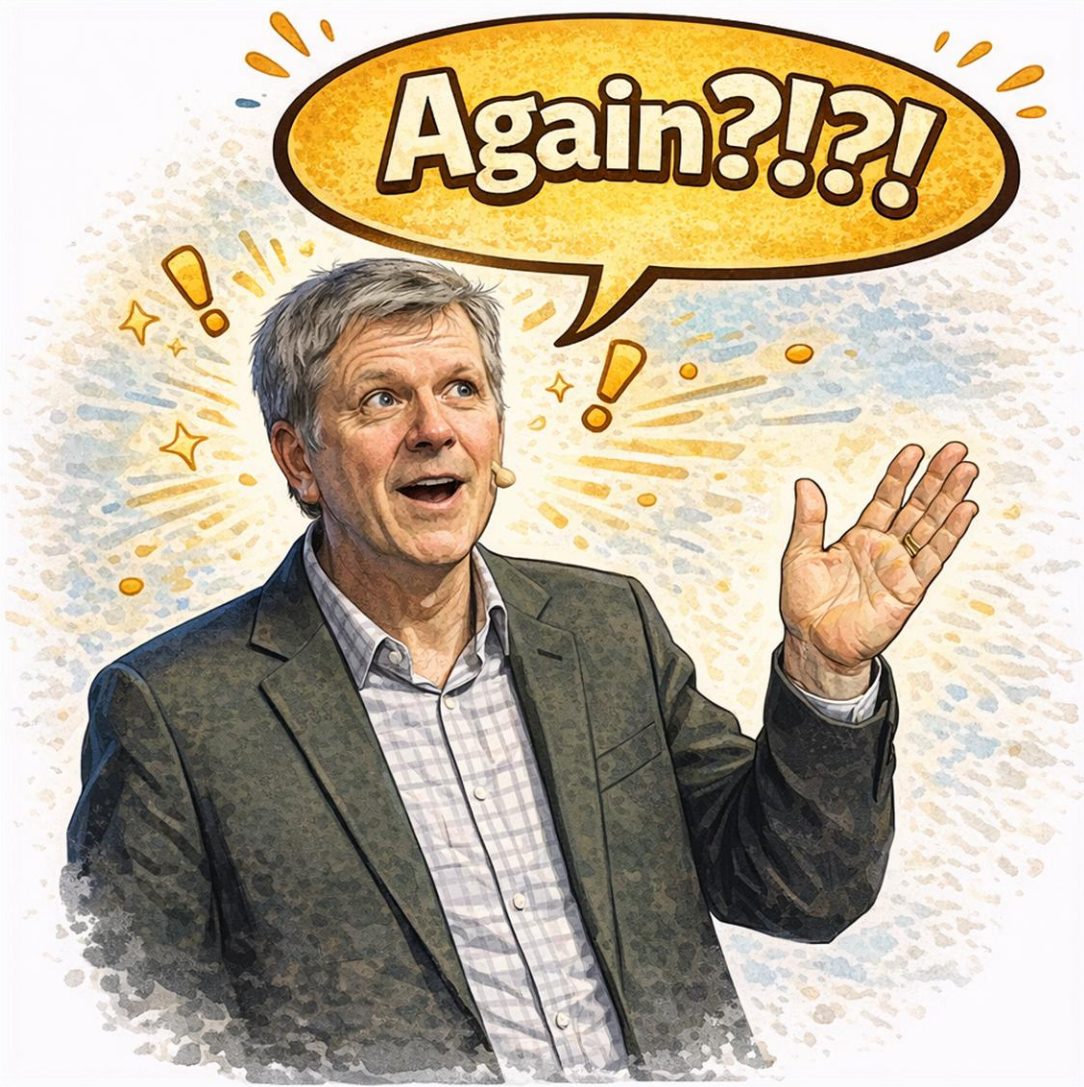
Every architecture involves a software application which must live its life and execute inside a business environment.

*This **constant change** affects the architecture.*



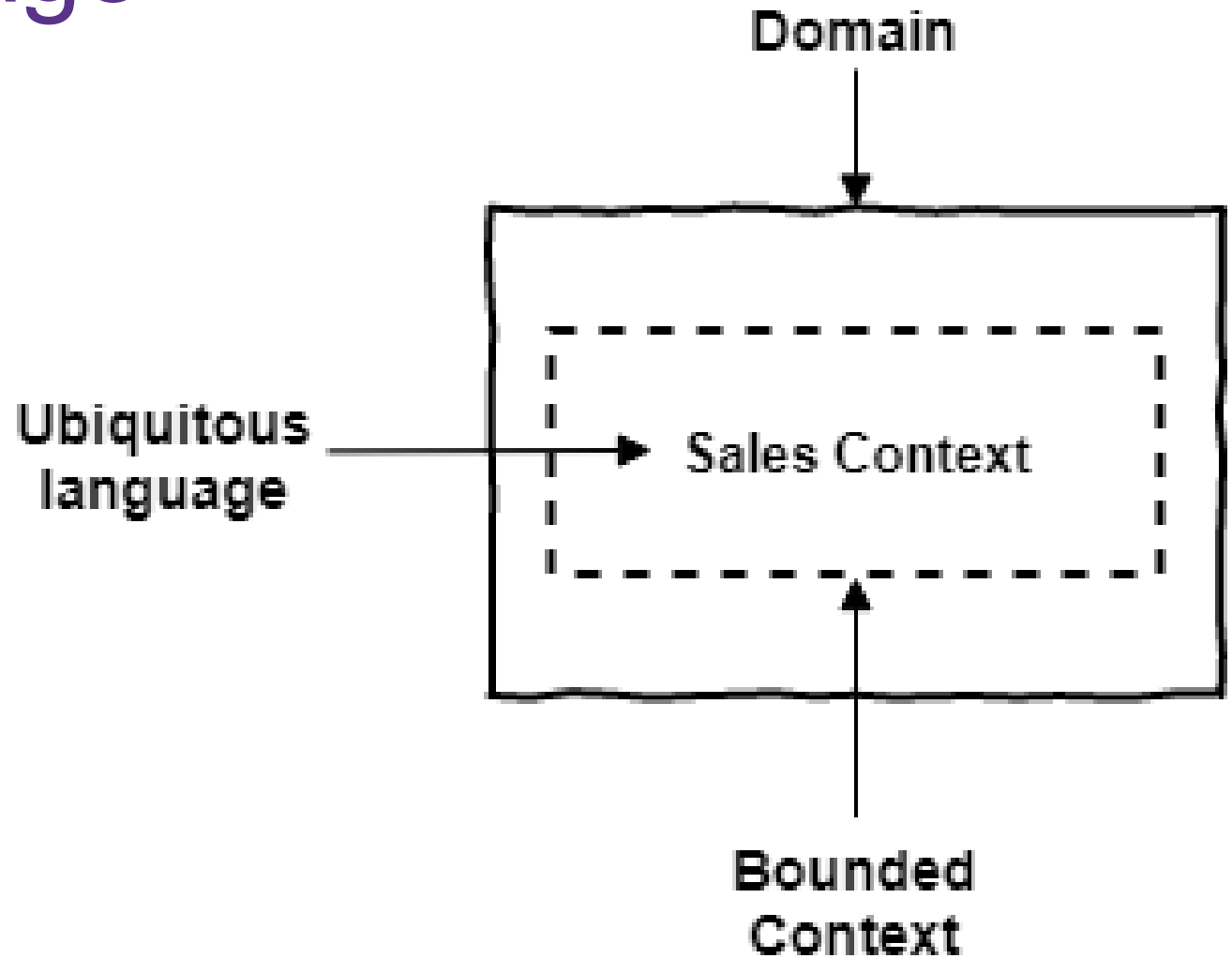
Demo Time!

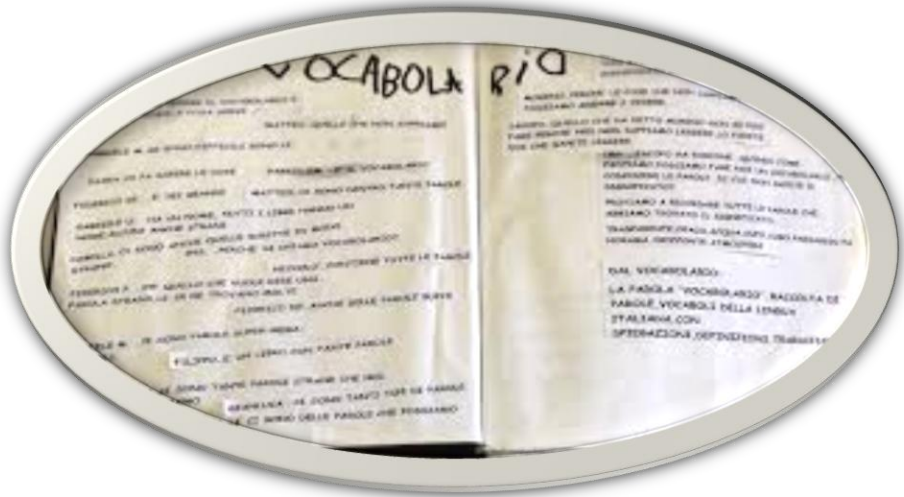




Ubiquitous Language

- L'**Ubiquitous Language** è un linguaggio modellato all'interno di un **contesto limitato**, in cui i termini e i concetti del dominio aziendale sono indicati e in cui **non dovrebbero esserci ambiguità**.





✘ Pront vago

Crea l'evento per l'ordine quando viene confermato.

L'AI inventa strutture, nomi e responsabilità. Il risultato è arbitrario e non ripetibile.

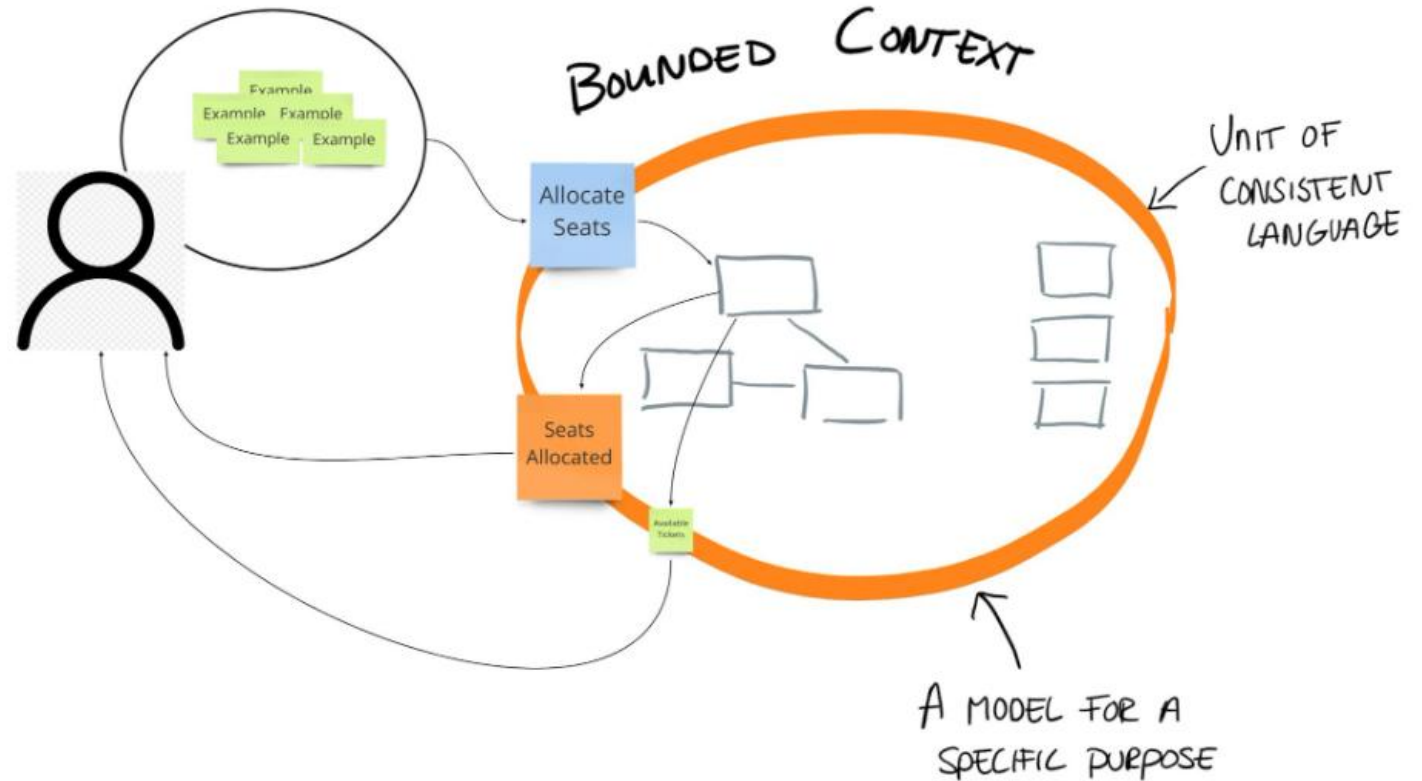
✔ Prompt disciplinato

Definisci un Domain Event per il Bounded Context Order. L'evento ***OrderConfirmed*** deve contenere ***OrderId***, ***CustomerId***, ***ConfirmedAt***.

Rispetta i *naming conventions* del nostro Ubiquitous Language

Bounded Context

- **Context:** Insieme delle circostanze in cui appare una parola o un'affermazione che ne determina il significato.
- **Bounded Context** è un confine **semantico**.
- **All'interno** del perimetro ogni componente ha un **significato preciso**.
- E risolve **problemi specifici**.



A **model** is a simplified representation of an **object** or **phenomenon** that intentionally emphasizes certain aspects while ignoring others.

An **abstraction** can be precise only if the **context** is established and understood by all participants in the communication.



Object Design

Roles, Responsibilities, and Collaborations



Rebecca Wirfs-Brock and Alan McKean
Forewords by Ivar Jacobson and John Vlissides



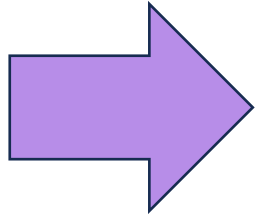
Partial Class ...

```
// MyComponent.razor.cs  
public partial class MyComponent {  
    async Task Save() { ... }  
}
```

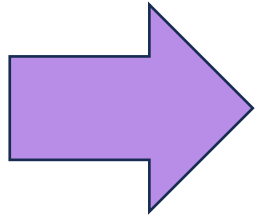
```
// MyComponent.Validation.cs  
public partial class MyComponent {  
    bool Validate() { ... }  
}
```

```
// MyComponent.Data.cs  
public partial class MyComponent {  
    async Task Load() { ... }  
}
```

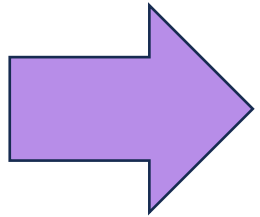
La complessità non è diminuita!



Stesso stato



Stesse dipendenze



Stesse responsabilità

Demo Time!



Quello che voglio lasciarvi

- ✓ Blazor non è il problema
- ✓ La complessità nasce da decisioni premature
- ✓ Le partial class non riducono la complessità

Il codice deve riflettere il dominio,
non il framework

- ✓ Ottimizza per il cambiamento,
non per l'oggi





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Alberto Acerbis



alberto.acerbis@intre.it



<https://github.com/BrewUp/BrewUpErp>

