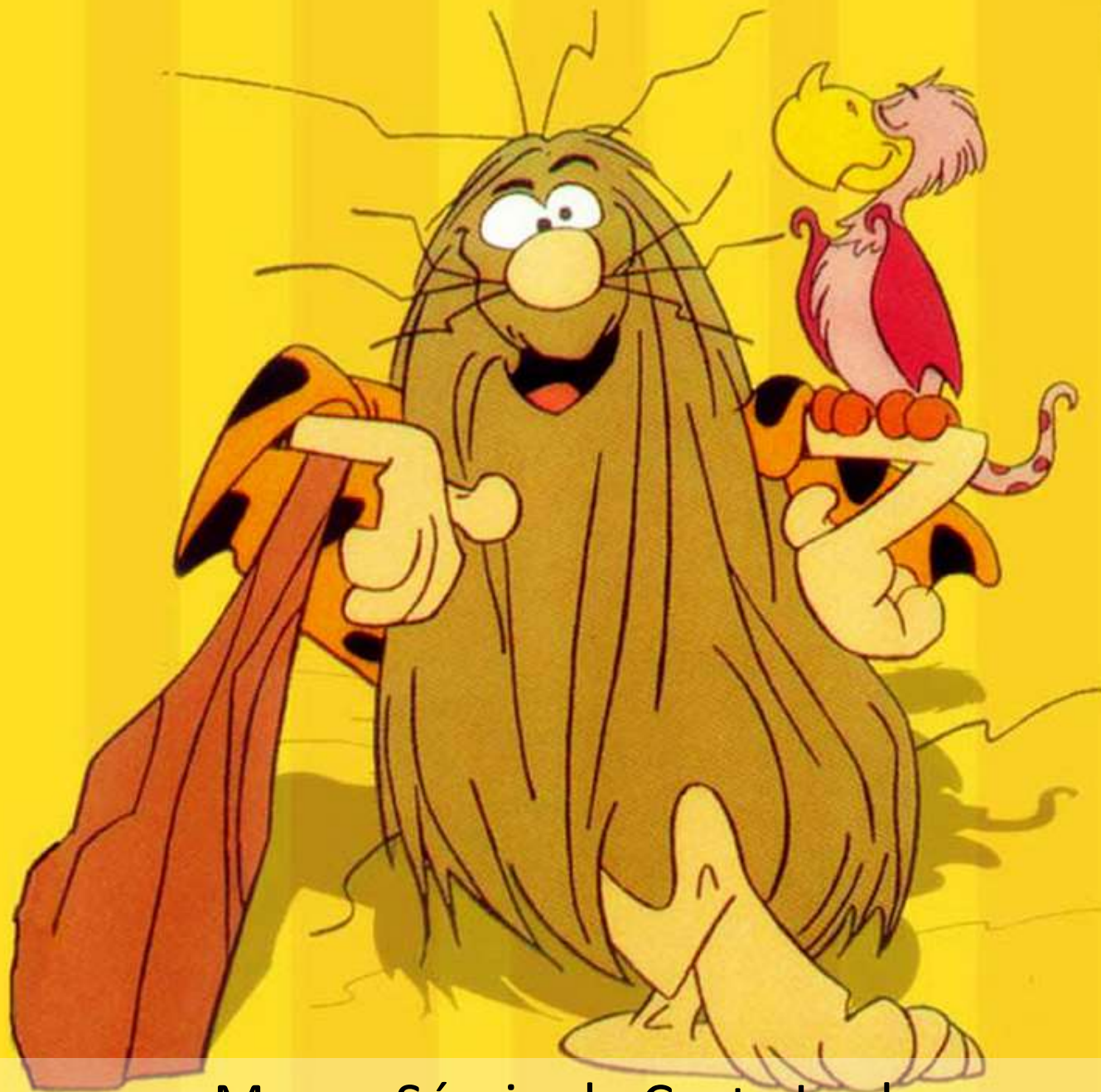




Domain Driven Design



Mauro Sérgio da Costa Leal

Mauro Sérgio da Costa Leal

- Bacharel em Ciência da Computação
- Arquiteto de software
- Desenvolvedor web na plataforma .NET
- Entusiasta de DDD, padrões de projeto e boas práticas de programação

Agenda



O que é DDD



Arquitetura em camadas



Camada de domínio



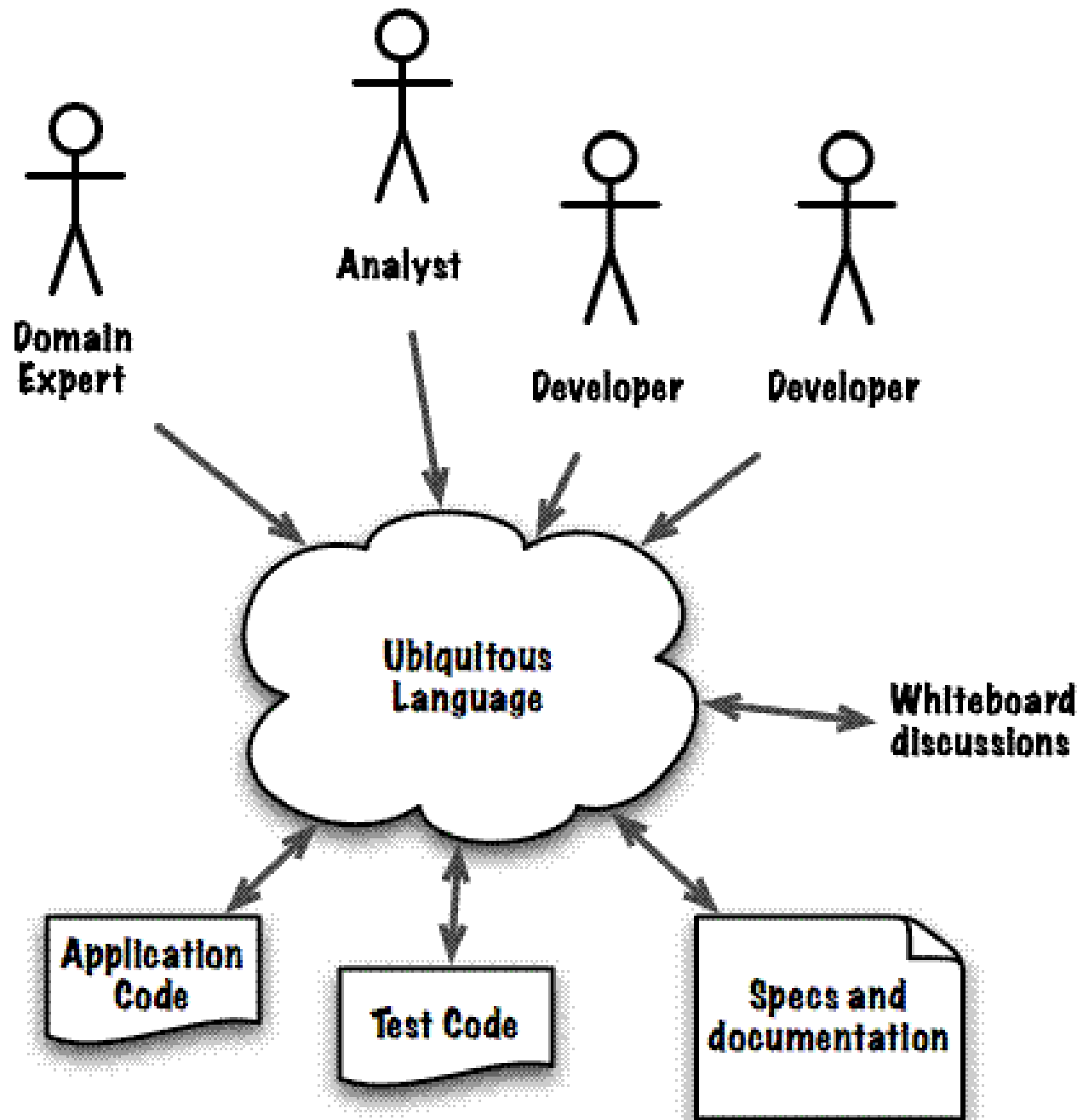
Quando deve ser utilizado

O que é domínio?





Múltiplos dialetos



Confrontos



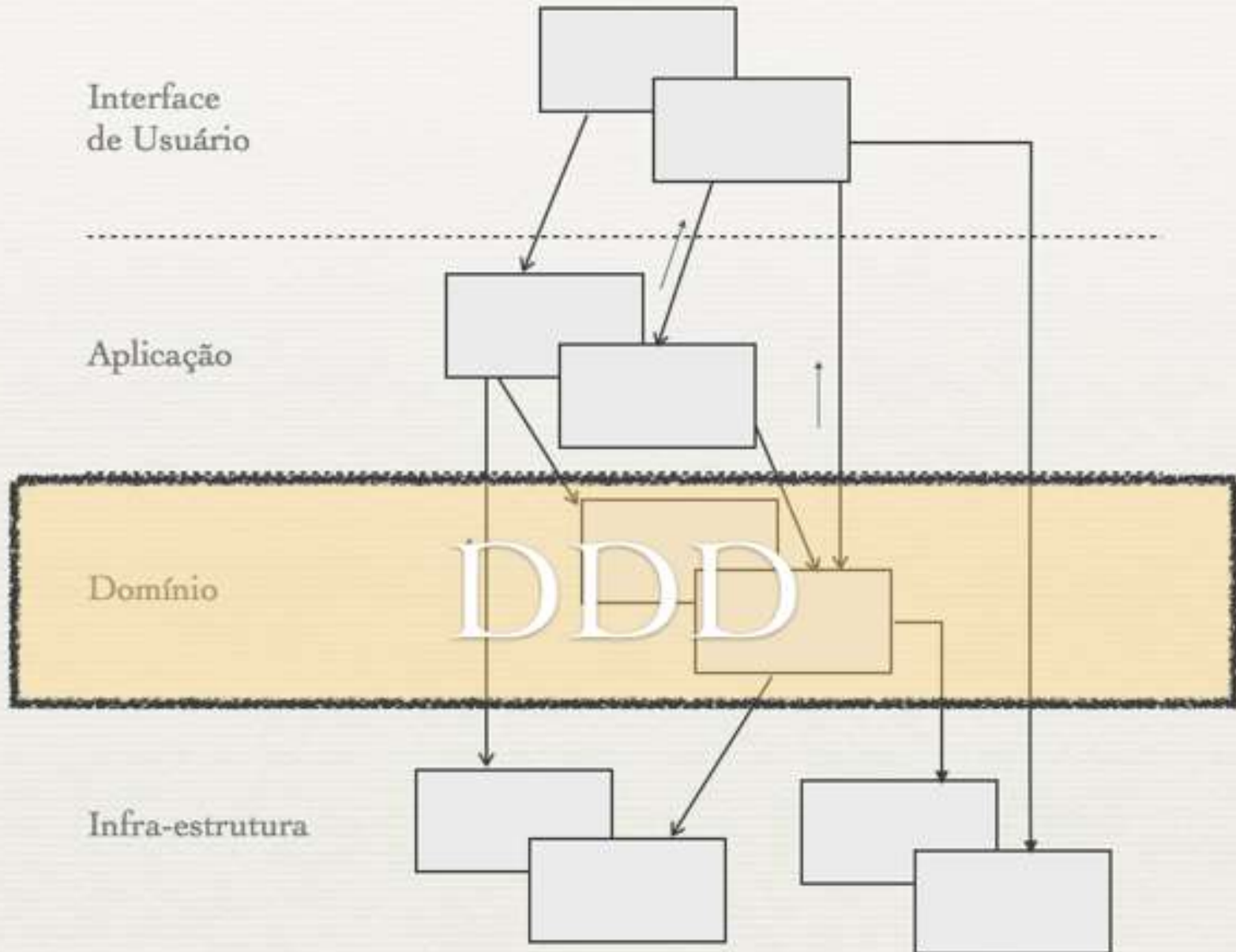
Modelo orientado a objetos x Modelo anêmico

Refatoração x Contornos

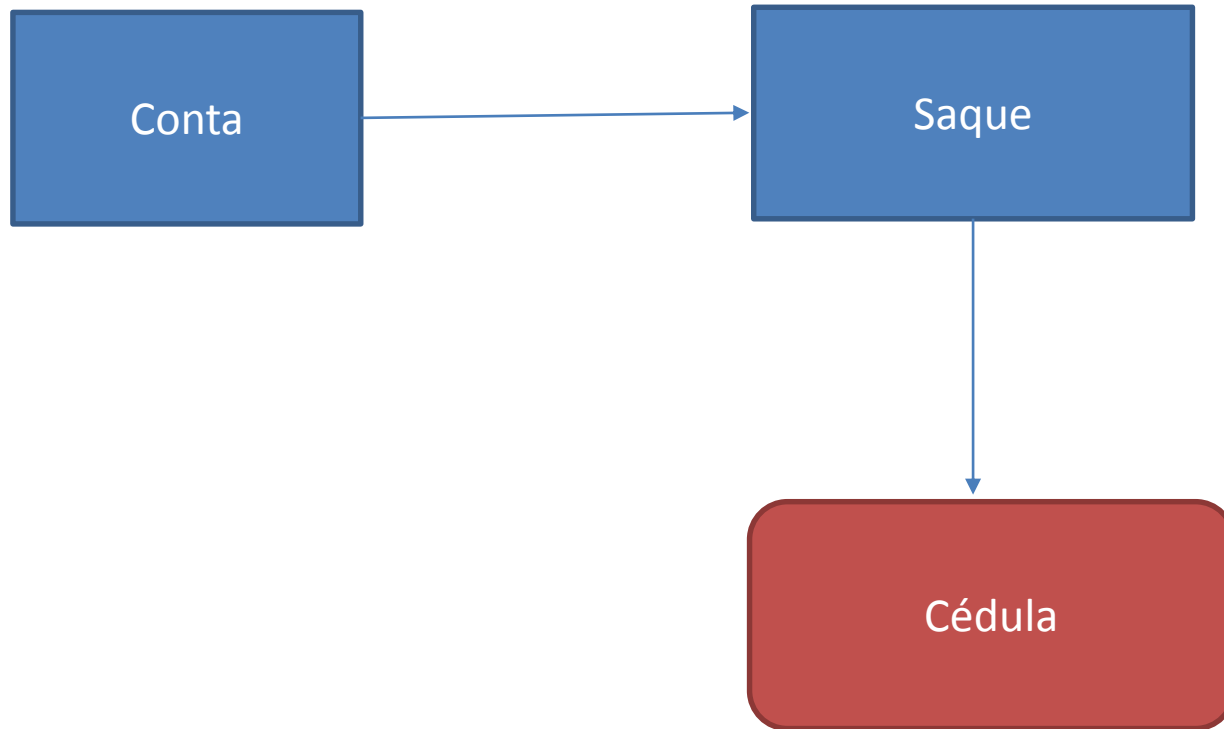
Separação de responsabilidades x Alto acoplamento

Camada de Regras de Negócio x Interfaces inteligentes

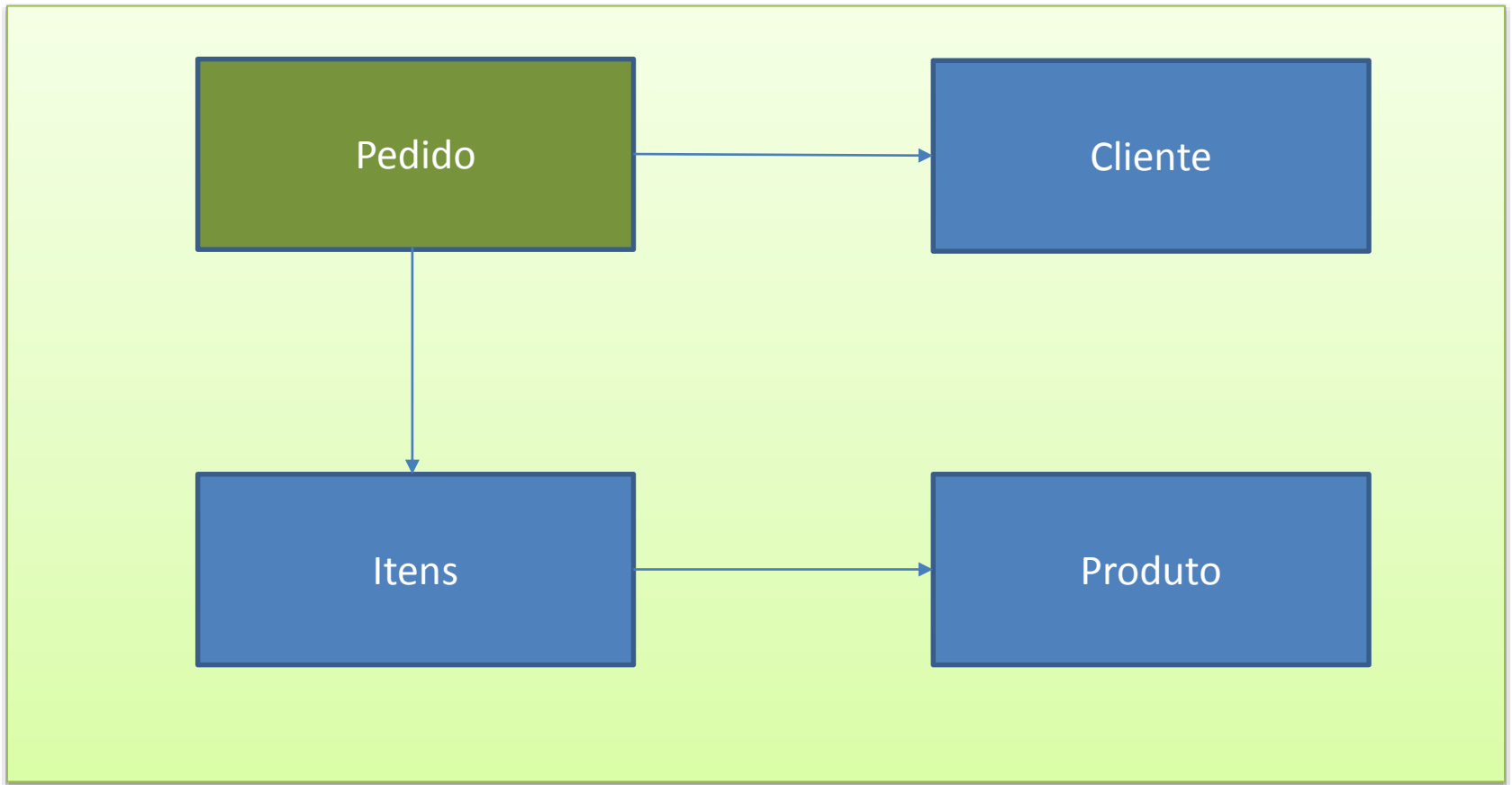
Arquitetura em camadas



Domínio – Entidades e Objetos de Valor



Domínio - Agregados





Domínio - Fábricas

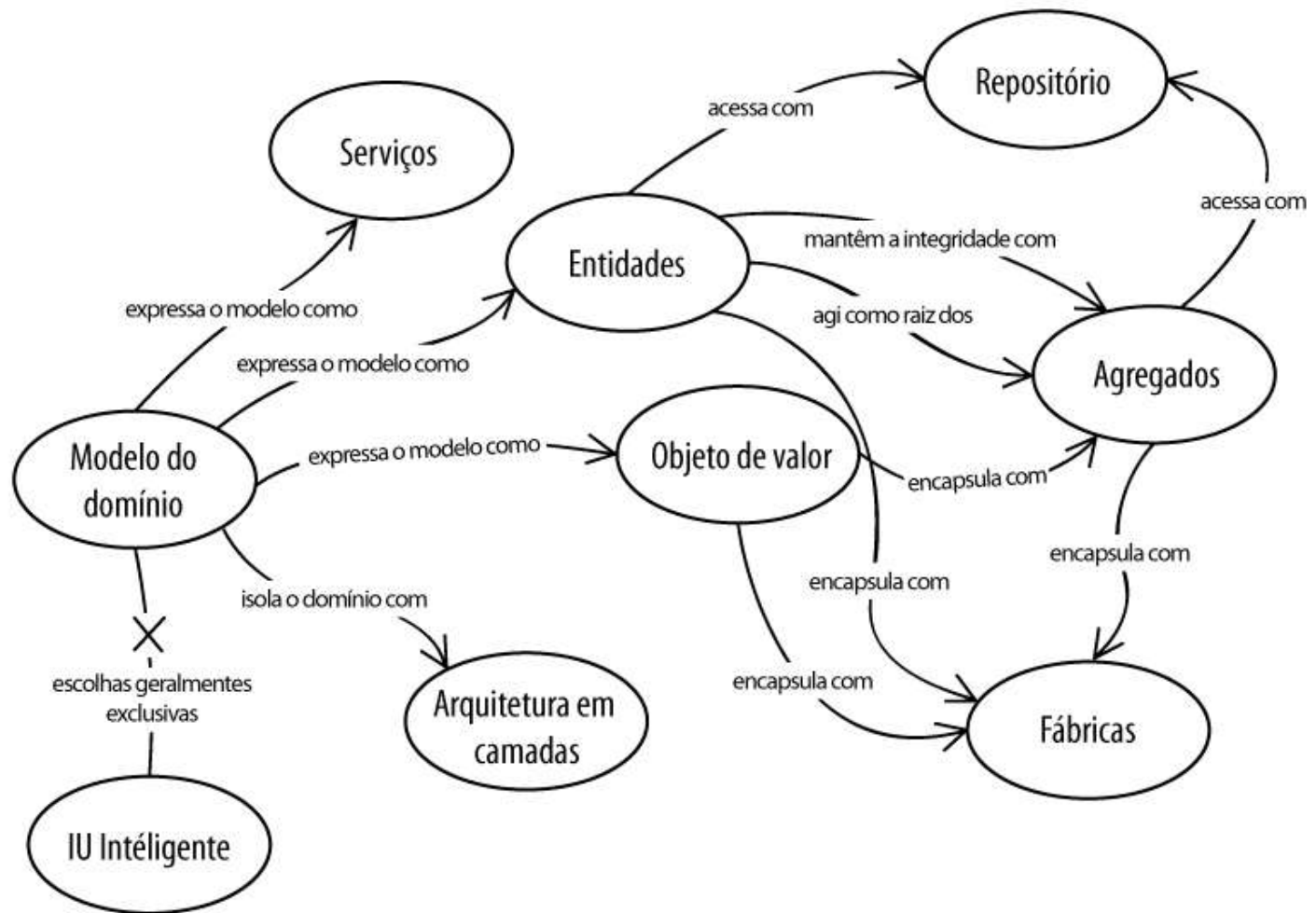


Domínio - Serviços

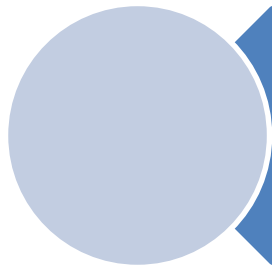


Repositórios

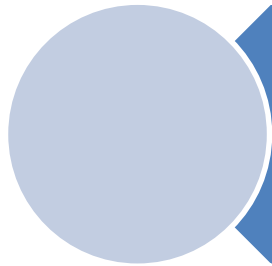
Mapa de Navegação



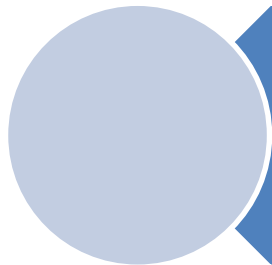
Quando não utilizar DDD



Aplicações CRUD

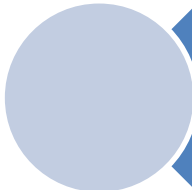
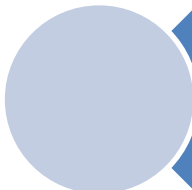
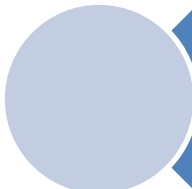
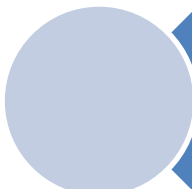


Aplicações com poucos
casos de uso

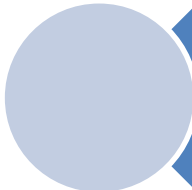
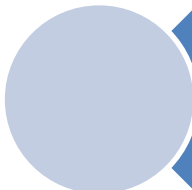
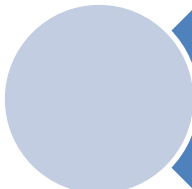
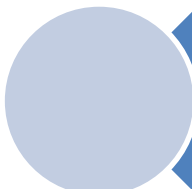


Aplicações com ciclo de
vida pequeno

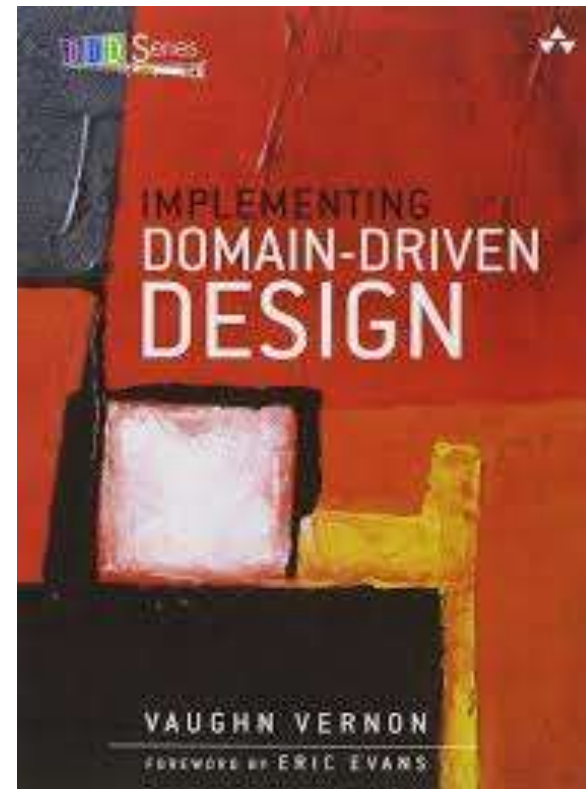
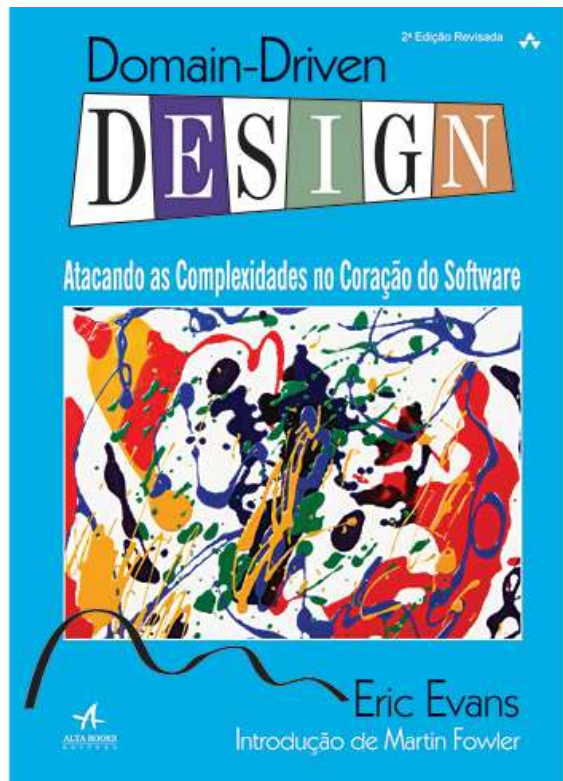
Quando utilizar DDD

-  Aplicações com muitas regras de negócio
-  Não conseguimos prever a complexidade
-  Longo ciclo de vida
-  Domínio desconhecido por todo o time

Por que utilizar DDD?

-  Consenso entre os especialistas do domínio
-  Melhor experiência do usuário
-  Modelagem ágil, iterativa e contínua
-  Software para todos entenderem

Referências



Referências

www.infoq.com/domain-driven-design/

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Domain Driven Design Content On InfoQ

Books about Domain Driven Design

 **Domain Driven Design Quickly**

Domain Driven Design is a vision and approach for designing a domain model that reflects a deep understanding of the business domain. This book is a short, quickly-readable summary and introduction to the fundamentals of DDD. It does not introduce any new concepts; it attempts to concisely summarize the essence of what DDD is, drawing heavily Eric Evans' book.


[View book details](#)

Presentations about Domain Driven Design


BDD & DDD
by Dan North Presented Dec 01, 2010 2


What Drives Design?
by Melissa Whitehead Presented Jan 14, 2010 5


Shaw and Fowler About Forging a New Alliance
by Doug Shaw & Alan Fowler Presented Dec 2009 10


Martin Fowler and Dan North Point Out a Yawning Crevasse of Doom
by Martin Fowler & Dan North Presented May 03 1


Domain-Driven Design and Domain Specific Languages
by Eric Evans Presented Apr 08, 2010 5


Eric Evans on DDD: Strategic Design
by Eric Evans Presented Nov 05, 2007 8

Referências

The screenshot displays the homepage of the DDD Community website. The header includes the site's logo, a navigation menu with links to Case Studies, Library, Discussion, Books, Examples, and About Us, and a search bar. The main content area is divided into three columns. The left column features a 'Welcome to DDD' section with links to 'WHAT IS DDD?', 'LEARNING DDD', 'STRATEGIC DESIGN', 'FRAMEWORKS & ARCHITECTURE', 'EVEN SOURCING & CQRS', and 'RESOURCES'. The middle column, titled 'DDD Articles', lists three featured articles: 'Coding for Domain-Driven Design: Tips for Data-Focused Devs' by Julie Lerman, 'Julie Lerman: Entity Framework in Core Business Applications and Domain-Driven Design Approaches', and 'Interview with Jimmy Nielsen: .NET and Domain-Driven Design'. The right column, titled 'News', shows a 'Tweets' section with recent tweets from Martin Fowler and Mathias Verraes, and a 'Share' section with social media links. At the bottom right, there is a '#dddDesign Buzz' section with a list of tweets related to domain-driven design.

dddcommunity.org

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DDD Community

Case Studies Library Discussion Books Examples About Us

Welcome to DDD

WHAT IS DDD?

What is Domain-Driven Design

LEARNING DDD

Materials to help you learn Domain-Driven Design.

STRATEGIC DESIGN

Presentations and articles on Strategic Design, the subject of Part IV of the book Domain-Driven Design by Eric Evans

FRAMEWORKS & ARCHITECTURE

Content related to Frameworks & Architecture.

EVEN SOURCING & CQRS

CQRS & Event Sourcing are two closely related architectural approaches to DDD and they are the hottest topics in DDD of the last couple of years.

RESOURCES

DDD Articles

Coding for Domain-Driven Design: Tips for Data-Focused Devs

posted: 02-2-2014

Domain Driven Design can help handle complex behaviors when building software. But for data-driven devs, the change in perspective isn't always easy. In this 3-part series published in MSDN Magazine, Julie Lerman shares some pointers that helped her get comfortable with DDD. [Read article](#)

[READ MORE](#)

Julie Lerman: Entity Framework in Core Business Applications and Domain-Driven Design Approaches

posted: 02-2-2014

From MSDN Channel 9 Julie Lerman Demo-ware is great for getting your head around a new topic but we've been ...

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Interview with Jimmy Nielsen: .NET and Domain-Driven Design

posted: 02-2-2014

From MSDN Channel 9 Jimmy Nielsen Robert Green of MSDN Channel 9 sits down with Jimmy Nielsen to discuss Domain ...

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Per Rovegård: Real Experiences and Architectural Domain-Driven Design Patterns Applied on Microsoft .NET Development

posted: 02-2-2014

From MSDN Channel 9 Per Rovegård in this session, we share experiences from

News

Tweets

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Light is getting into building the story of a real system
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Martin Fowler @martinfowler 15 Jan
Bike Sounded Contest - because some domains are too diverse to be treated as a single unified model #DDD
martinfowler.com/5kic/Sounded
Retweeted by OODesign News
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Mathias Verraes 15 Jan
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@event2014 #DDD
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Perguntas?

Muito Obrigado!

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maurosccl@gmail.com