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# Business Modeling – The Domain Model

**Source: Use Case Driven Object Modeling with UML – A  
Practical Approach**

**By Doug Rosenberg ISBN: 0-201-43289-7**

**Also, pp. 101-110 OOSE Text**



# Background

- A key component of Business Modeling (Domain Analysis) - in addition to Business Use Case Model and Business Object Model and other artifacts - is the Domain Model
  - Recall the Business Model is not only a graphical model, but also other artifacts such as the Business Vision, Business Rules, Business Glossary, Business Risk List, and the Domain Model.
  - All relate to the enterprise / organization.
  - The Domain Model contains Key Abstractions (business / technology)
  - Is a **Visual Model** of business entities, relationships, multiplicities, and more.
- Prior to embarking on gathering requirements and capturing them via Use Cases (application use cases, requirements use cases, that is...), we need to understand the key entities in the **business** domain.



# Domain Modeling - an Introduction

- Domain Modeling is the task of discovering “objects” (classes, actually) that represent those business entities and concepts.
  
- → Recognize that the domain model will be a superset of your entity classes needed for your application development.
  - These class diagrams – later on - will likely contain some of the entities found in your domain model.
  - These appear similar to ERDs, but they are not the same.
    - Fully-attributed list (not a schema or physical database design...)