

Modeling and Object Oriented DDD Basics

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Table of Contents

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1. Basics

4. Chapter: Basics

1. Basics Questions

4.1.1. What is the most suitable programming language concept for implemen...

Author: Yasser Ibrahim

What is the most suitable programming language concept for implementing the model of Domain Driven Design paradigm?

Please choose only one answer:

- Procedural languages such as C, Pascal
- Object-oriented programming such as Java, C++
- Aspect oriented programming such as AspectJ

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4.1.2. which of the following are considered domain driven design patterns?

Author: Yasser Ibrahim

which of the following are considered domain driven design patterns?

Please choose all the answers that apply:

- aggregates
- layered architecture
- model view controller (MVC)
- Data Access Object (DAO)

Check the answer of this question online at QuizOver.com:

Question: [domain driven design patterns](#)

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4.1.3. What is the role of the presentation layer in model driven design p...

Author: Yasser Ibrahim

What is the role of the presentation layer in model driven design paradigm?

Please choose only one answer:

- implements entities persistence, and layers communication
- encapsulates the core of the business logic
- renders output to the user and gathers user gestures
- harmonize and monitors the application activities and its progress

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4.1.4. What is the role of the Domain layer in model driven design paradigm?

Author: Yasser Ibrahim

What is the role of the Domain layer in model driven design paradigm?

Please choose only one answer:

- harmonize and monitors the application activities and its progress
- renders output to the user and gathers user gestures
- encapsulates the core of the business logic
- implements entities persistence, and layers communication

Check the answer of this question online at QuizOver.com:

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4.1.5. What is the role of the Infrastructure layer in model driven design...

Author: Yasser Ibrahim

What is the role of the Infrastructure layer in model driven design paradigm?

Please choose only one answer:

- encapsulates the core of the business logic
- implements entities persistence, and layers communication
- renders output to the user and gathers user gestures
- harmonize and monitors the application activities and its progress

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4.1.6. What is the role of the Application layer in model driven design pa...

Author: Yasser Ibrahim

What is the role of the Application layer in model driven design paradigm?

Please choose only one answer:

- renders output to the user and gathers user gestures
- implements entities persistence, and layers communication
- encapsulates the core of the business logic
- harmonize and monitors the application activities and its progress

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4.1.7. How should you implement an Entity?

Author: Yasser Ibrahim

How should you implement an Entity?

Please choose only one answer:

- mutable object
- immutable object
- both are correct

Check the answer of this question online at QuizOver.com:

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4.1.8. How should you implement a value object?

Author: Yasser Ibrahim

How should you implement a value object?

Please choose only one answer:

- mutable object
- immutable object
- both are correct

Check the answer of this question online at QuizOver.com:

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4.1.9. how would you implement a bank account object?

Author: Yasser Ibrahim

how would you implement a bank account object?

Please choose only one answer:

- as transfer object
- as a value object
- as an entity

Check the answer of this question online at QuizOver.com:

Question: [how would you implement a bank account object?](#)

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4.1.10. For an e-Shop web application, the customer will provide his person...

Author: Yasser Ibrahim

For an e-Shop web application, the customer will provide his personal information for shipment of the ordered products. You would like to attach residence, invoice, delivery addresses to a person object.

how would you implement the address object?

Please choose only one answer:

- as an entity
- as a value object
- as a transfer object

Check the answer of this question online at QuizOver.com:

Question: [how would you implement the address object?](#)

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4.1.11. what are the differences between entities and value objects?

Author: Yasser Ibrahim

what are the differences between entities and value objects?

Please choose all the answers that apply:

- entities are immutable objects while value objects are mutable objects
- an entity has a unique identity while a value object doesn't
- sharing value object is thread safe as it is immutable
- sharing an entity is thread safe as it has a unique identity

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4.1.12. what is true about domain services?

Author: Yasser Ibrahim

what is true about domain services?

Please choose only one answer:

- the operations performed by a domain service are typically stateful
- the operations performed by a domain service are typically comprehensive and span more than one object in the domain
- a domain service is usually persisted in the application backing data store

Check the answer of this question online at QuizOver.com:

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4.1.13. what is the difference between communicational and functional cohes...

Author: Yasser Ibrahim

what is the difference between communicational and functional cohesion?

Please choose all the answers that apply:

- communicational cohesion modularize subsystems that operate on the same data.
- communicational cohesion modularize subsystems that collaborate together on a single task
- functional cohesion modularize subsystems that operate on the same data.
- functional cohesion modularize subsystems that collaborate together on a single task

Check the answer of this question online at QuizOver.com:

Question: [communicational vs. functional cohesion](#)

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4.1.14. Which domain design pattern you would use to state object ownership...

Author: Yasser Ibrahim

Which domain design pattern you would use to state object ownership and boundaries?

Please choose only one answer:

- aggregate design pattern
- factory design pattern
- repository design pattern

Check the answer of this question online at QuizOver.com:

Question: [aggregate design pattern](#)

Flashcards:

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4.1.15. Which domain design pattern handles object creation and storage?

Author: Yasser Ibrahim

Which domain design pattern handles object creation and storage?

Please choose all the answers that apply:

- aggregate design pattern
- factory design pattern
- repository design pattern

Check the answer of this question online at QuizOver.com:

Question: [factory domain design pattern](#)

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4.1.16. A bundle of related objects which are treated from the client presc...

Author: Yasser Ibrahim

A bundle of related objects which are treated from the client prescriptive as a single unit exposing a root object.

Please choose only one answer:

- value object
- aggregate
- entity
- repository

Check the answer of this question online at QuizOver.com:

Question: [what is an aggregate?](#)

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4.1.17. which design pattern you would use to enforce the domain constraint...

Author: Yasser Ibrahim

which design pattern you would use to enforce the domain constraints and ensure data integrity?

Please choose only one answer:

- value object
- aggregate
- entity
- repository

Check the answer of this question online at QuizOver.com:

Question: [aggregate domain pattern](#)

Flashcards:

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4.1.18. which design pattern you would use to encapsulate the process of co...

Author: Yasser Ibrahim

which design pattern you would use to encapsulate the process of complex object creation?

Please choose only one answer:

- value object
- factory
- aggregate
- repository
- entity

Check the answer of this question online at QuizOver.com:

Question: [factory domain pattern](#)

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4.1.19. which design pattern you would use to encapsulate the logic of retr...

Author: Yasser Ibrahim

which design pattern you would use to encapsulate the logic of retrieving the object references from the backing enterprise data store?

Please choose only one answer:

- value object
- aggregate
- entity
- repository

Check the answer of this question online at QuizOver.com:

Question: [repository model pattern](#)

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4.1.20. which design pattern you would use to create domain context maps wh...

Author: Yasser Ibrahim

which design pattern you would use to create domain context maps when the intersection between domain contexts is high?

Please choose all the answers that apply:

- open host services pattern
- anticorruption layers pattern
- separate ways pattern
- shared kernel pattern
- customer-supplier pattern

Check the answer of this question online at QuizOver.com:

Question: [customer supplier pattern](#)

Flashcards:

<http://www.quizover.com/flashcards/customer-supplier-pattern?pdf=3044>

Interactive Question:

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4.1.21. which design pattern you would use to create independent domain con...

Author: Yasser Ibrahim

which design pattern you would use to create independent domain context maps?

Please choose only one answer:

- open host services pattern
- anticorruption layers pattern
- separate ways pattern
- shared kernel pattern
- customer supplier pattern

Check the answer of this question online at QuizOver.com:

Question: [separate ways pattern](#)

Flashcards:

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Interactive Question:

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4.1.22. which design pattern you would use to create domain context maps th...

Author: Yasser Ibrahim

which design pattern you would use to create domain context maps that interact with legacy systems?

Please choose all the answers that apply:

- open host services pattern
- anticorruption layers pattern
- separate ways pattern
- shared kernel pattern
- customer supplier pattern

Check the answer of this question online at QuizOver.com:

Question: [anticorruption layers pattern](#)

Flashcards:

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4.1.23. When would you use the open host services pattern?

Author: Yasser Ibrahim

When would you use the open host services pattern?

Please choose only one answer:

- to create domain independent context maps
- to create domain context maps that interact with legacy systems
- to create highly intersecting domain context maps

Check the answer of this question online at QuizOver.com:

Question: [domain driven design open host services pattern](#)

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4.1.24. When would you use the anticorruption layers pattern?

Author: Yasser Ibrahim

When would you use the anticorruption layers pattern?

Please choose only one answer:

- to create domain independent context maps
- to create domain context maps that interact with legacy systems
- to create highly intersecting domain context maps

Check the answer of this question online at QuizOver.com:

Question: [anticorruption layer pattern](#)

Flashcards:

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4.1.25. When would you use the separate ways pattern?

Author: Yasser Ibrahim

When would you use the separate ways pattern?

Please choose only one answer:

- to create domain independent context maps
- to create domain context maps that interact with legacy systems
- to create highly intersecting domain context maps

Check the answer of this question online at QuizOver.com:

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4.1.26. When would you use the shared kernel pattern?

Author: Yasser Ibrahim

When would you use the shared kernel pattern?

Please choose only one answer:

- to create domain independent context maps
- to create domain context maps that interact with legacy systems
- to create highly intersecting domain context maps

Check the answer of this question online at QuizOver.com:

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Flashcards:

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4.1.27. When would you use the customer supplier pattern?

Author: Yasser Ibrahim

When would you use the customer supplier pattern?

Please choose only one answer:

- to create domain independent context maps
- to create domain context maps that interact with legacy systems
- to create highly intersecting domain context maps

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Question: [ddd customer supplier pattern](#)

Flashcards:

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