

CodingFactory

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www.codingfactory.org

Learn .Net Design Patterns

This syllabus is cover most of the design patterns in .Net

Table of Contents

1. Module1 UML.....
2. Module2 Creational Pattern.....
3. Module3 Structural Pattern.....
4. Module4 Behavioral Pattern.....
5. Module5 Dependency Injection & others.....

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Module 1 UML & SOLID Principle

- Use case diagram
- Class diagram
 - Association
 - Multiplicity
 - Aggregation
 - Composition
- Object diagram
- Sequence diagram
- Collaboration diagrams
- Activity diagram
- State chart diagram
- Package diagram
- Component diagram
- Deployment diagram
- SOLID Principle

Module 2 Creational pattern

- Factory
- AbstractFactory
- Singleton
- Builder
- Prototype

Module 3 Structural pattern

- Decorator Pattern
- Flyweight Pattern
- Bridge Pattern
- Composite Pattern
- Adapter Pattern
- Facade Pattern
- Proxy Pattern

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Module 4 Behavioral pattern

- Template Method Pattern
- Mediator Pattern
- Chain of Responsibility Pattern
- Observer Pattern
- Strategy Pattern
- Command Pattern
- State Pattern
- Visitor Pattern
- Iterator Pattern
- Memento Pattern

Module 5 Dependency Injection and others

- Repository
- UnitOfWork
- Dependency Injection
 - IoC
 - Untiy
- ServiceLocator
- MVC
- MVP
- MVVM