

### OOD

Abstraction  
Encapsulation  
Polymorphism  
Inheritance

### Abstraction Qualities

Coupling (связанность)  
Cohesion (связность)  
Sufficiency (достаточность)  
Completeness (полнота)  
Primitiveness (элементарность)

### SOLID principles

Single responsibility principle  
Open/closed principle  
Liskov substitution principle  
Interface segregation principle  
Dependency inversion principle

### ACID

Atomicity (Атомарность)  
Consistency (Согласованность)  
Isolation (Изолированность)  
Durability (Долговечность)

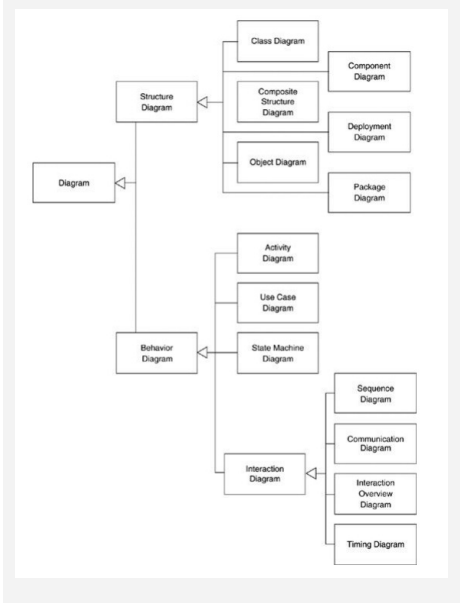
### GoF patterns

Abstract Factory  
Builder  
Factory Method  
Prototype  
Singleton  
Adapter  
Bridge  
Composite  
Decorator  
Facade  
Flyweight  
Proxy  
Chain of Responsibility  
Command  
Interpreter  
Iterator  
Mediator  
Memento  
Observer  
State  
Strategy  
Template Method  
Visitor

### No SQL

Key Value (Redis, Riak, Memcached)  
Column (Cassandra, BigTable)  
Document Store (MongoDB, RethinkDB, Couchbase)  
Graph (OrientDB, Neo4J)

### Diagrams



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