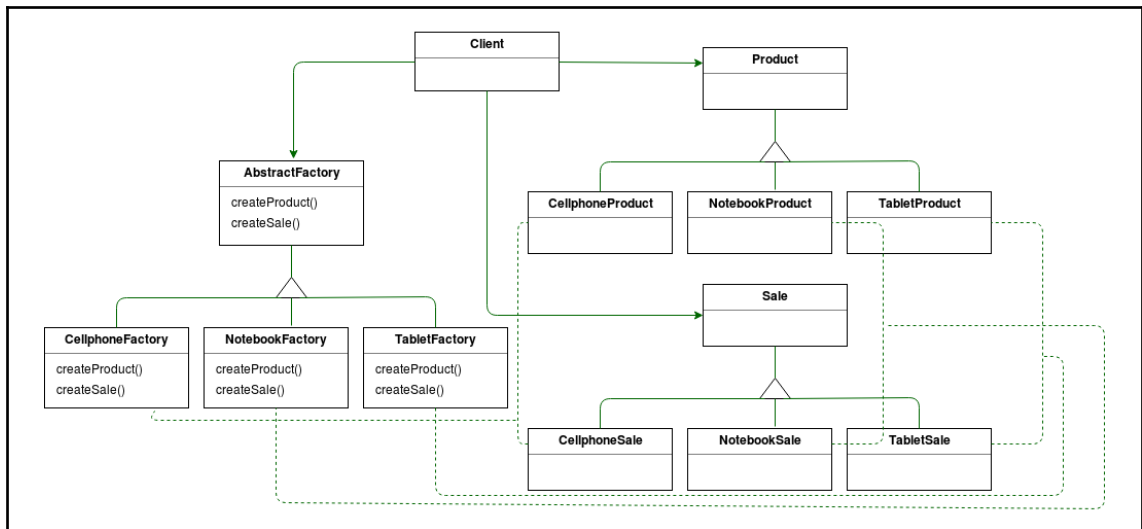
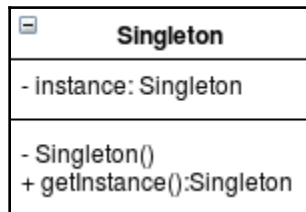
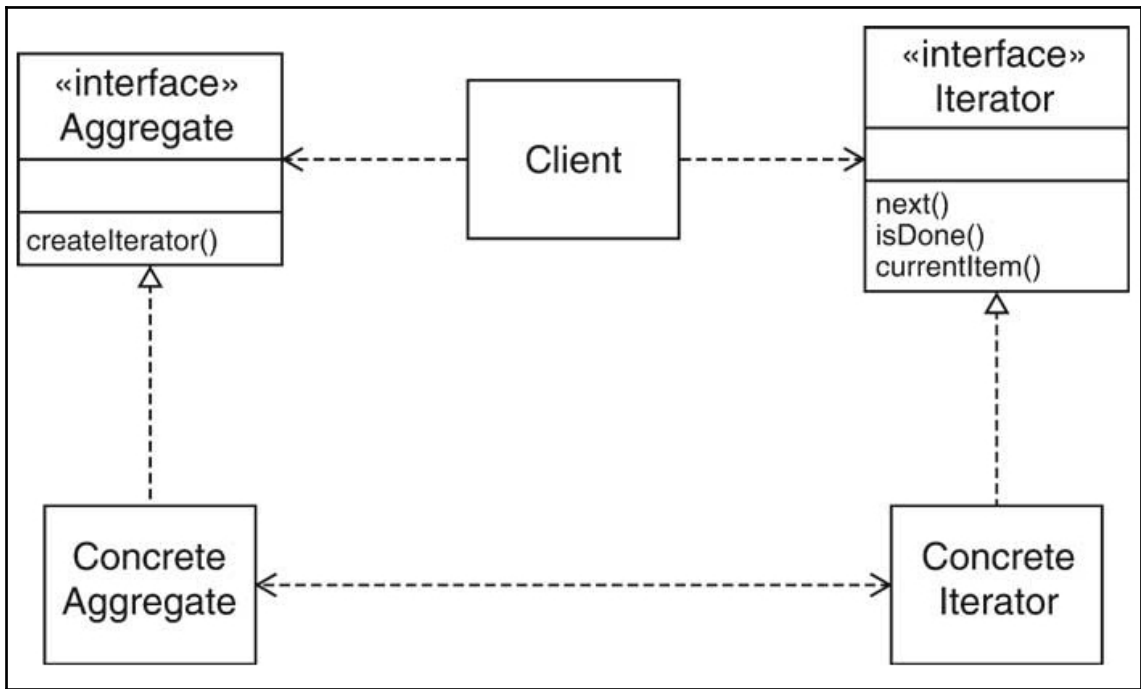
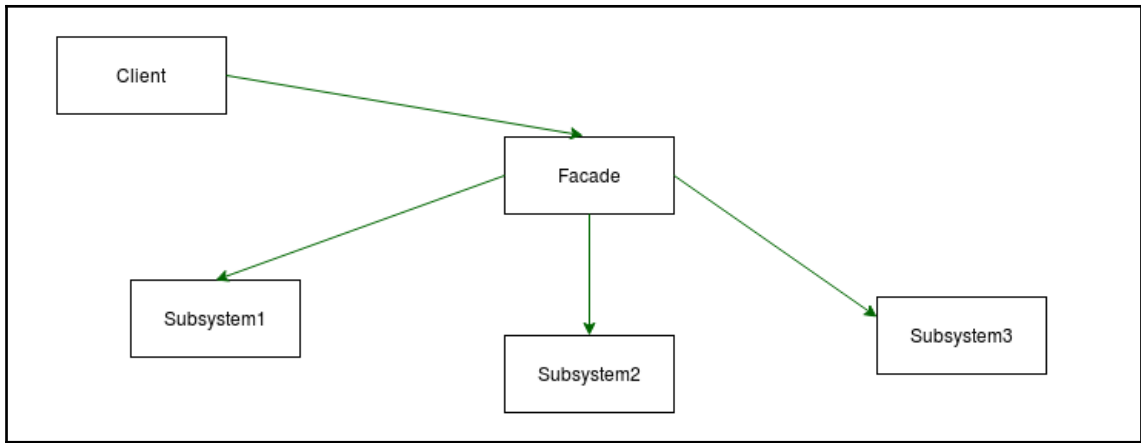
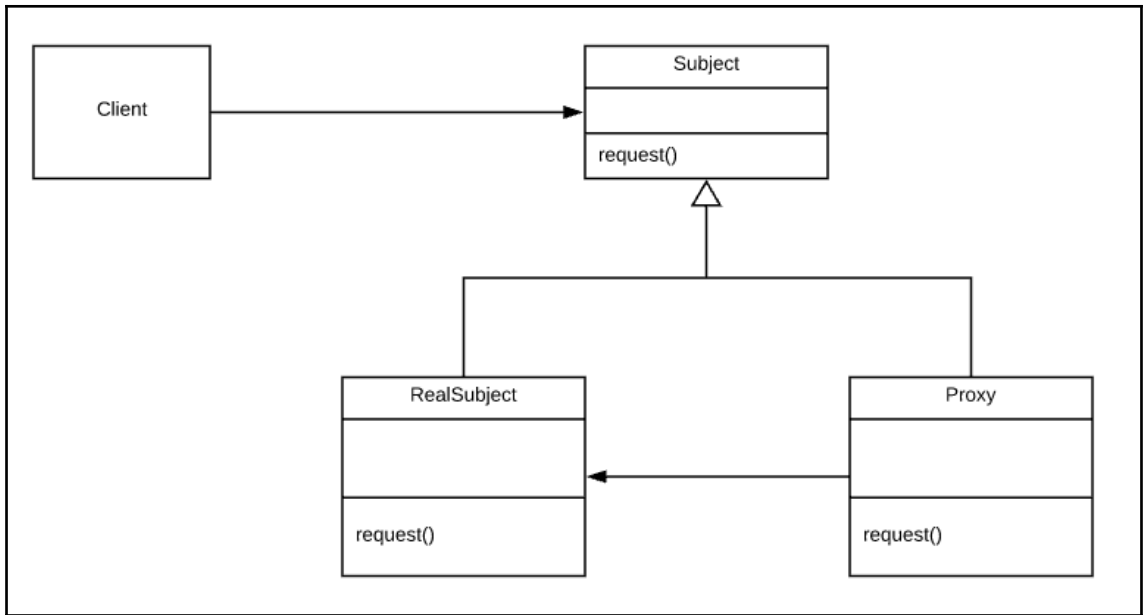


# Chapter 1: Introduction to Design Patterns

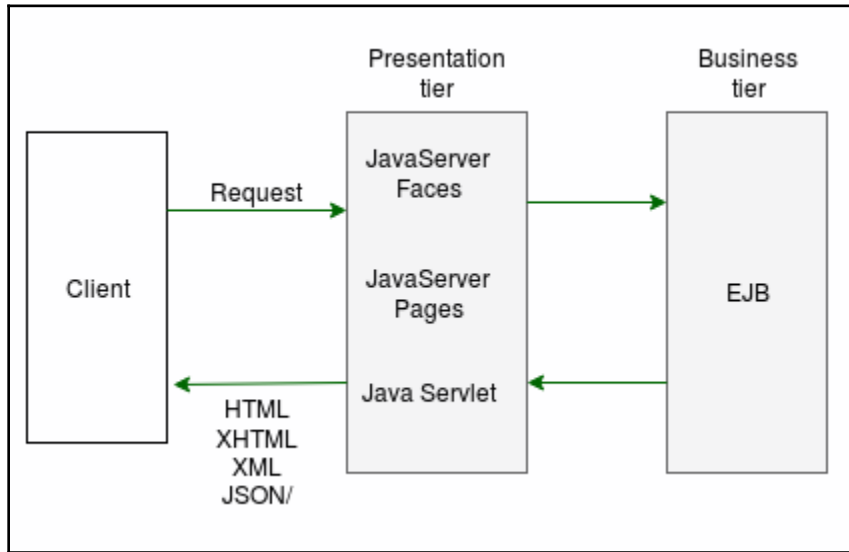
	Creational	Structural	Behavioral
Class	Factory Method	Adapter	Interpreter Template Method
Object	Abstract Factory Builder Prototype Singleton	Adapter Bridge Composite Decorator Facade Flyweight Proxy	Chain of Responsibility Command Iterator Mediator Memento Observer State Strategy Visitor

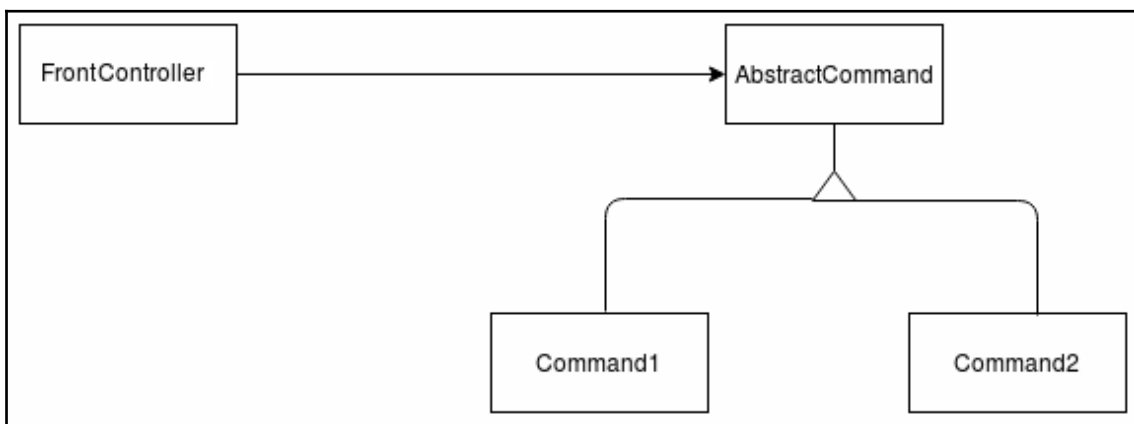
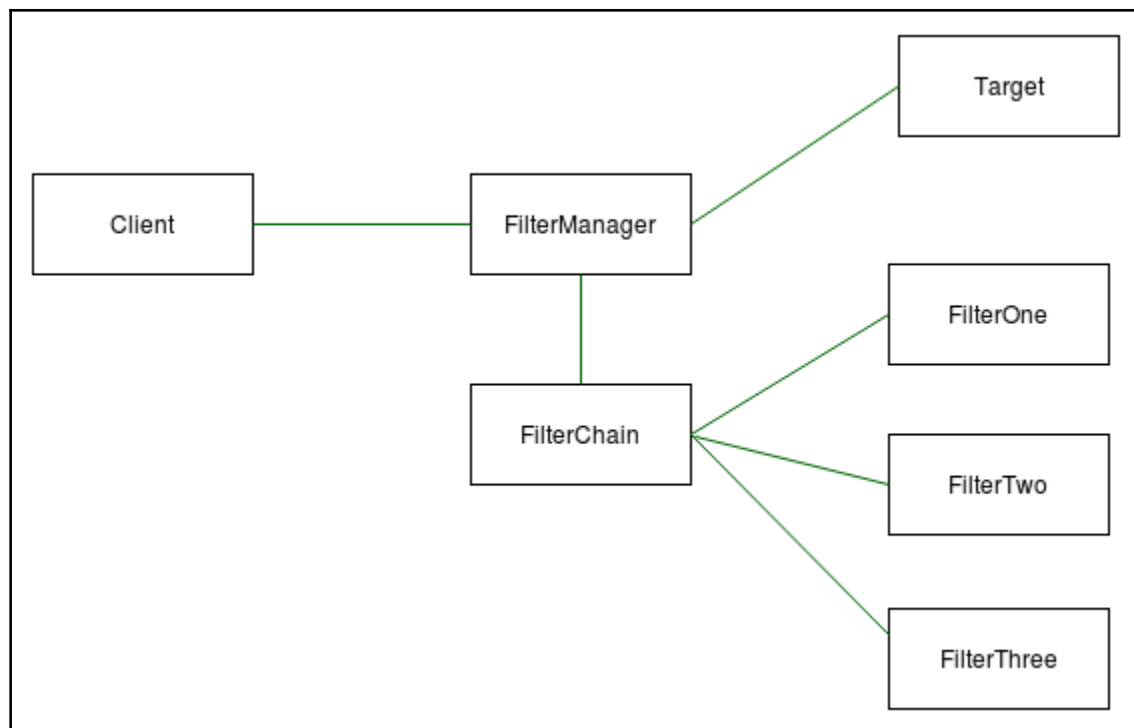


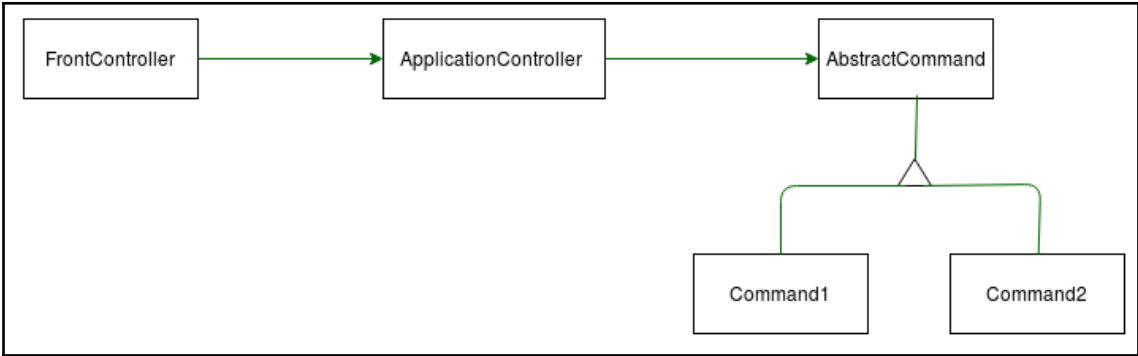




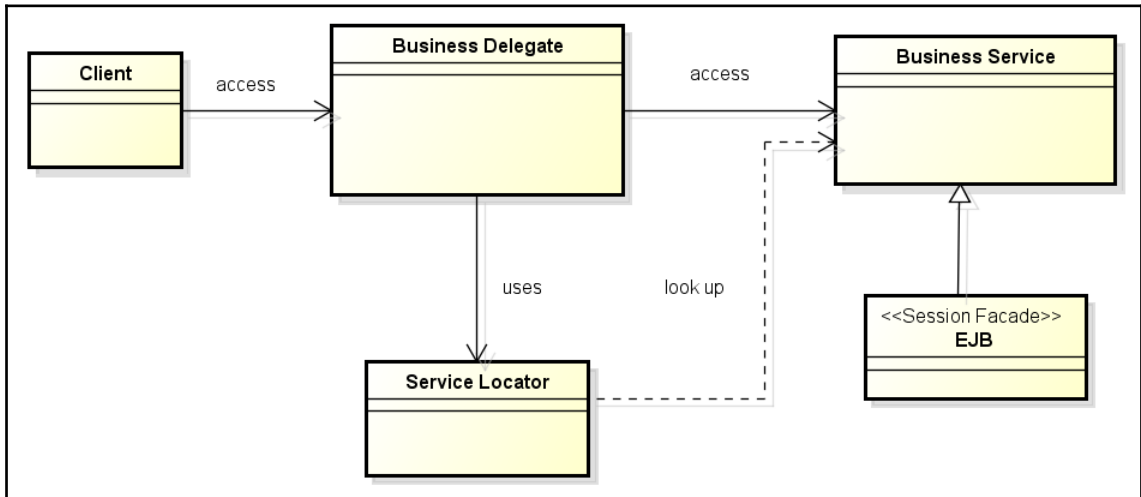
## Chapter 2: Presentation Patterns

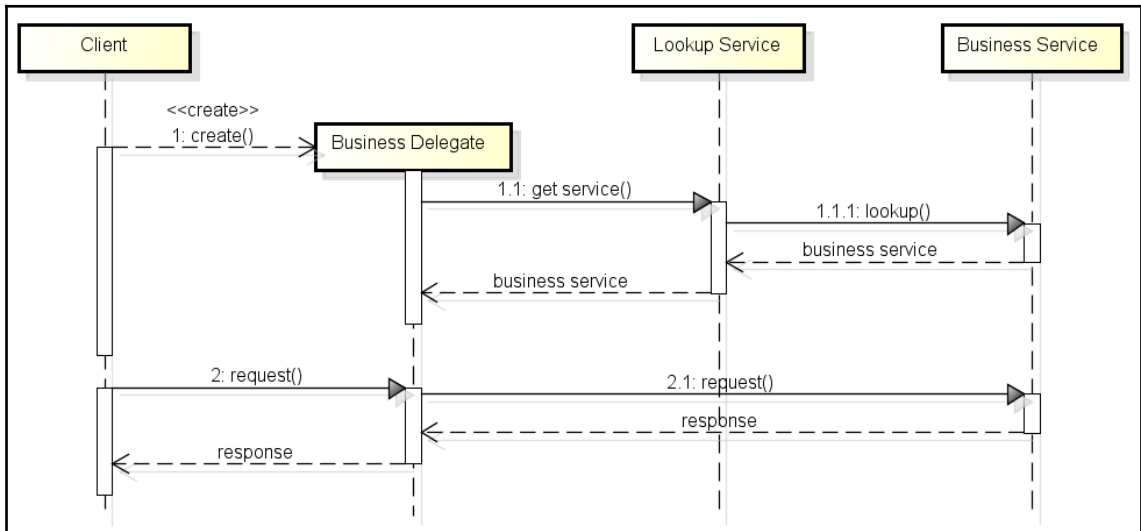
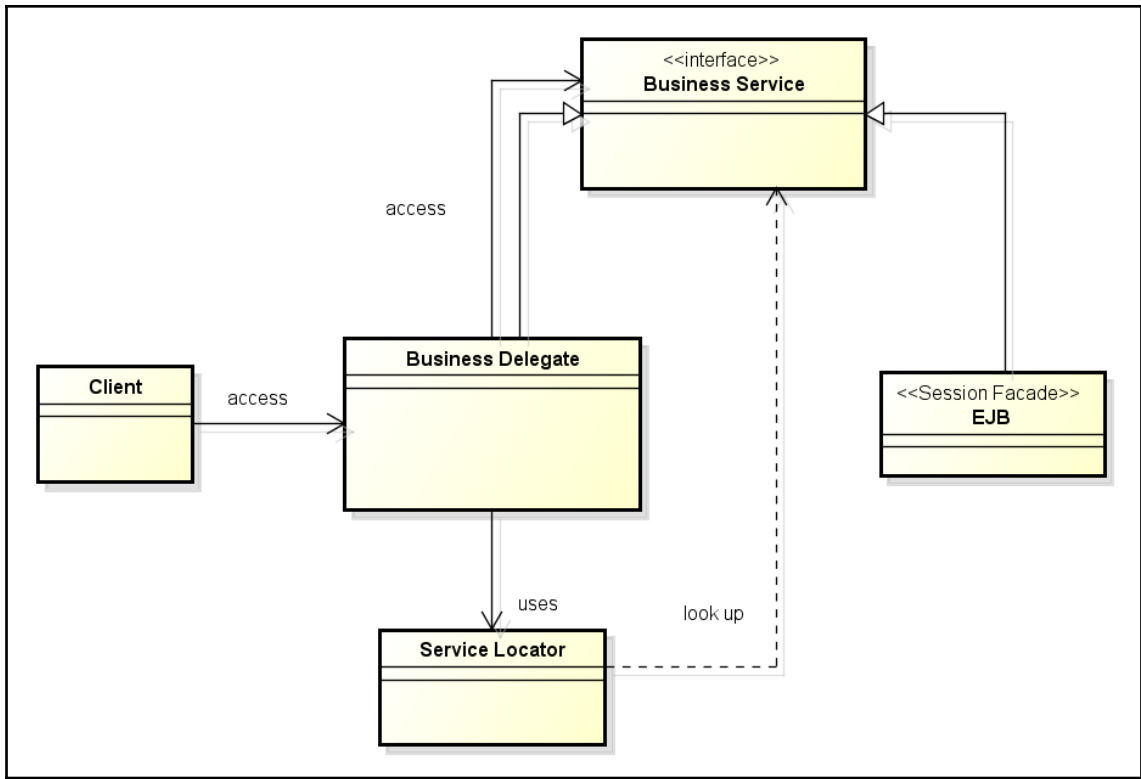




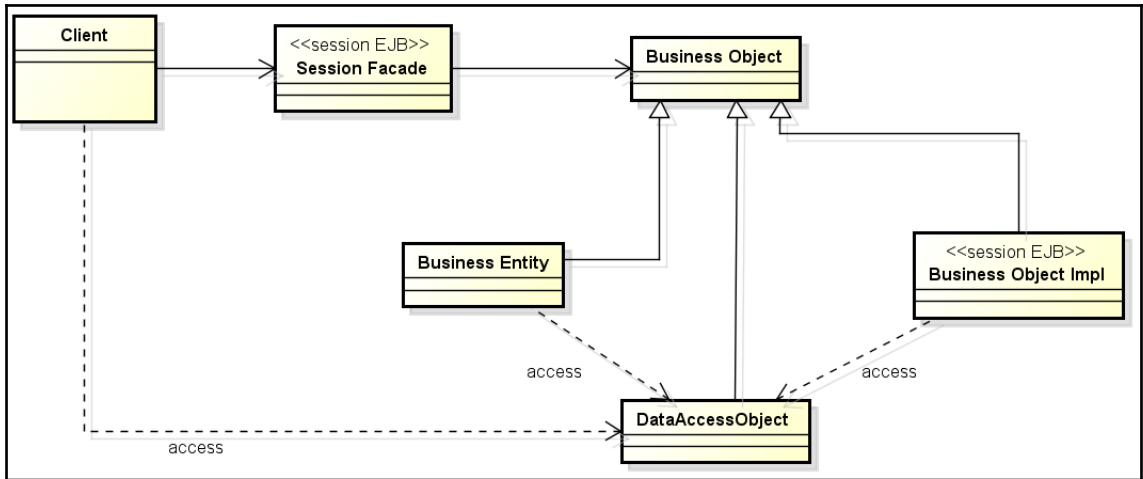
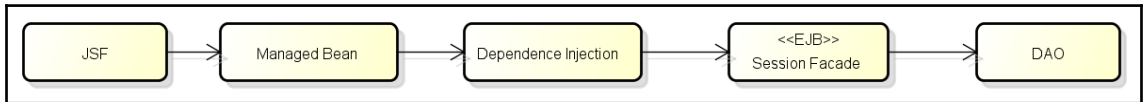


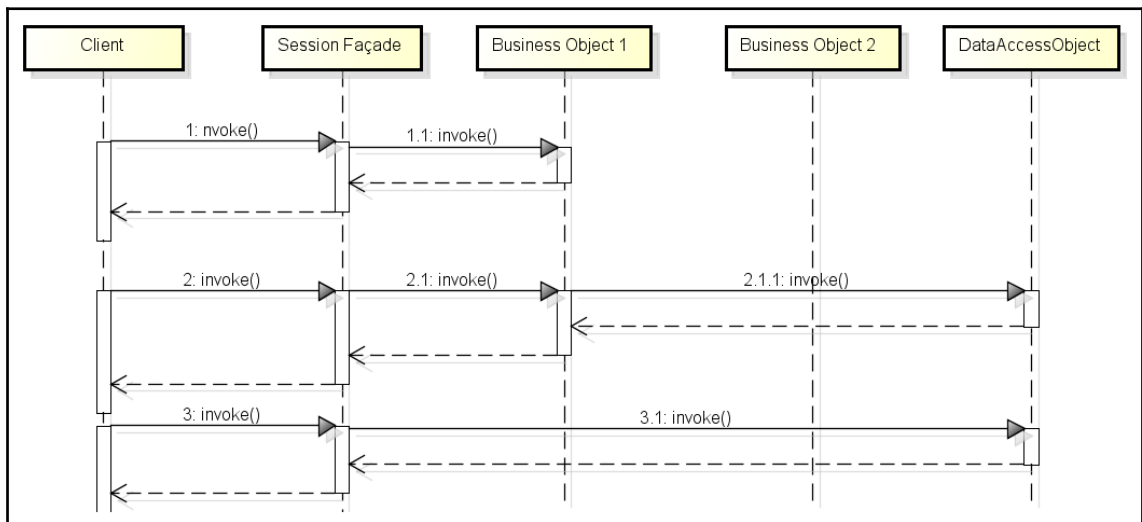
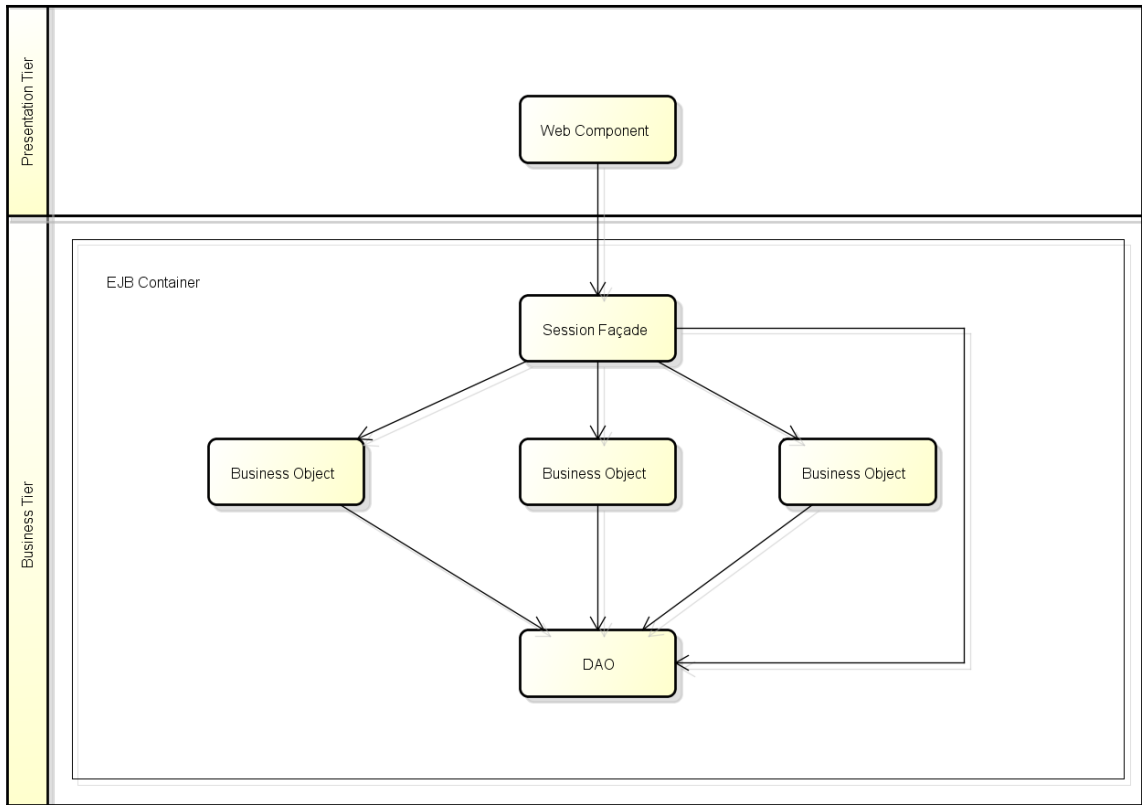
## Chapter 3: Business Patterns

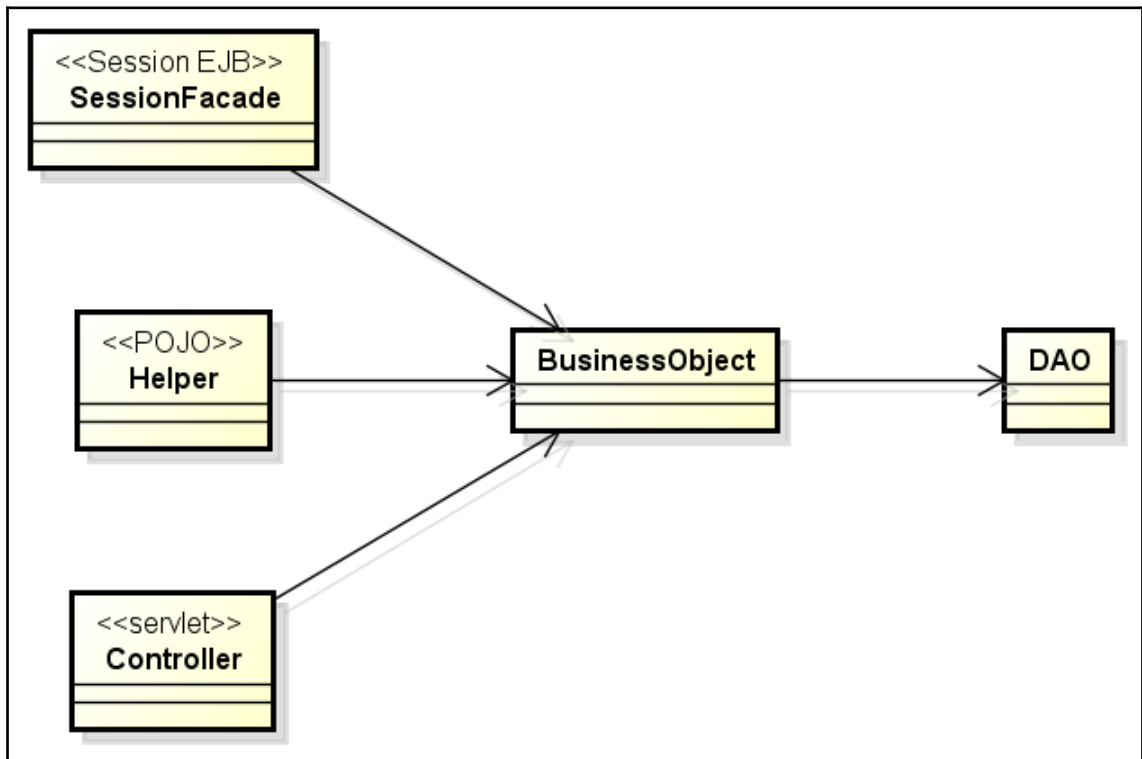
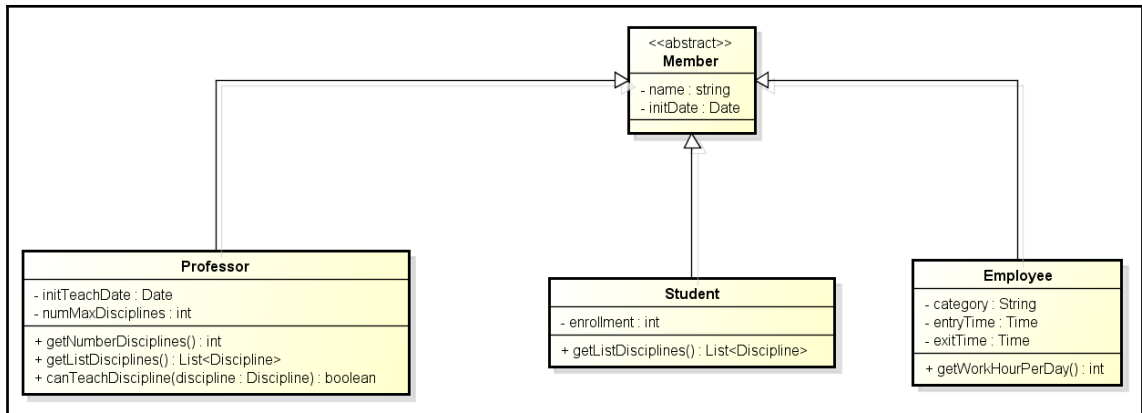


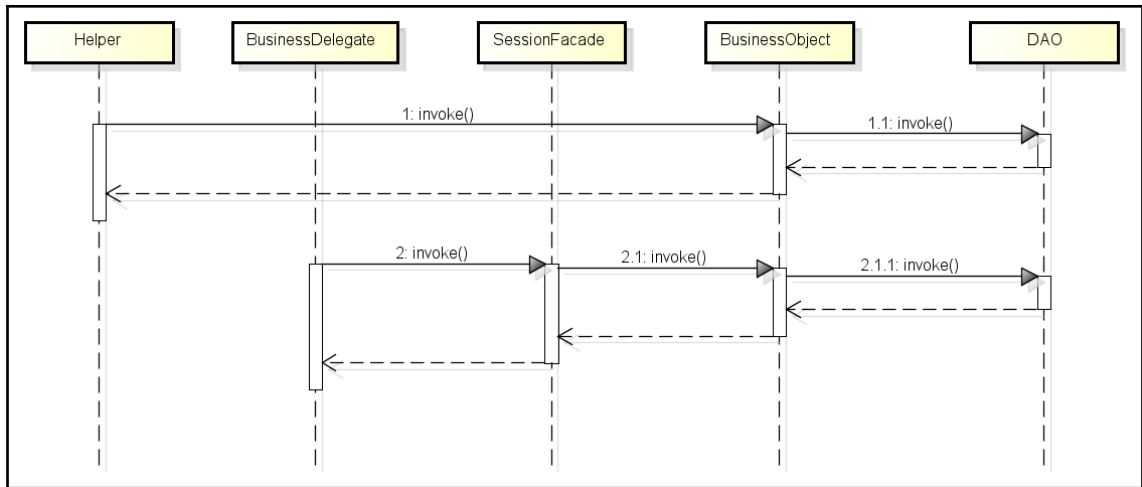




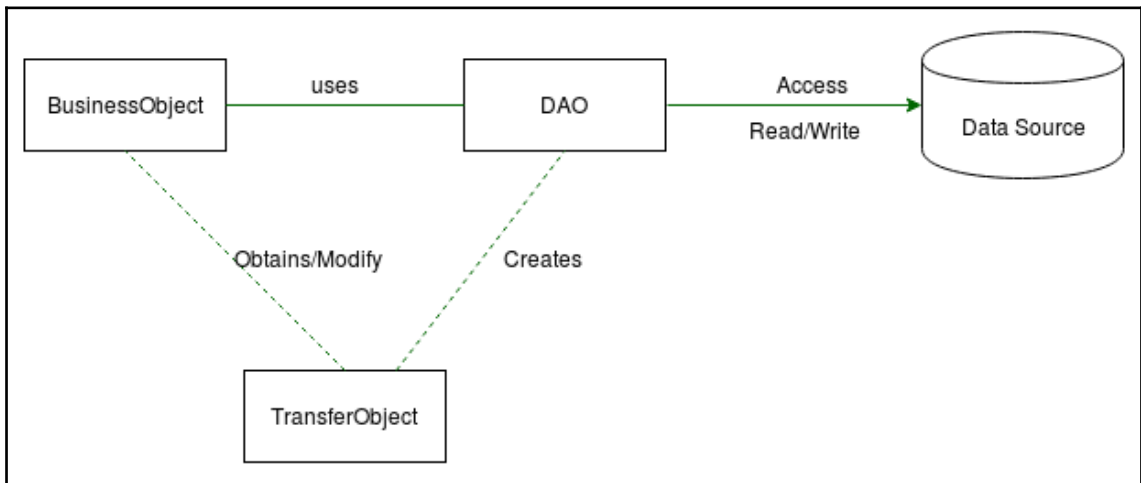


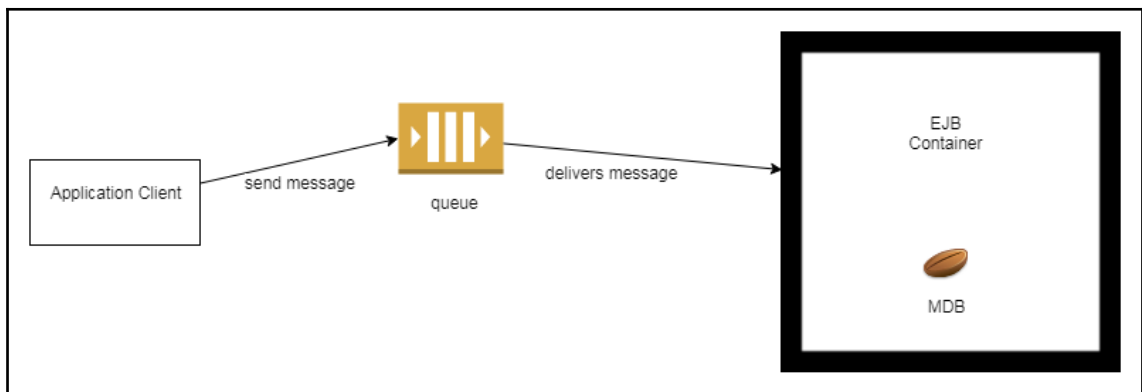
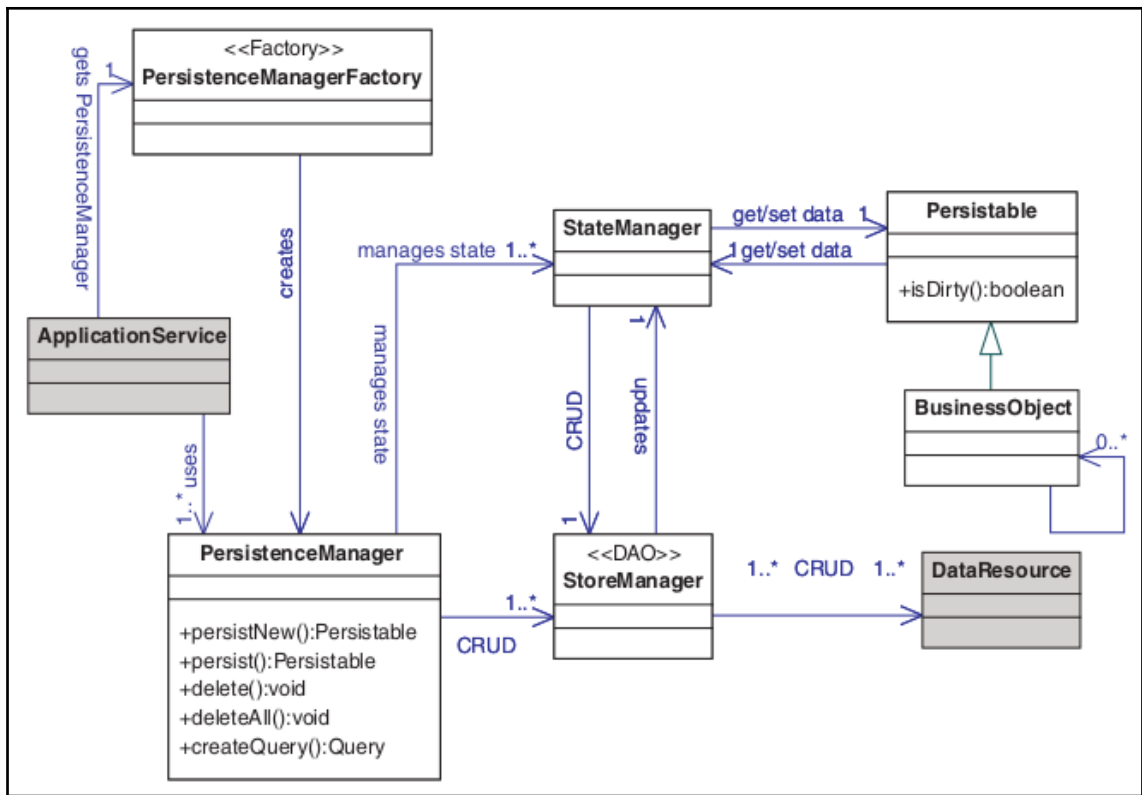


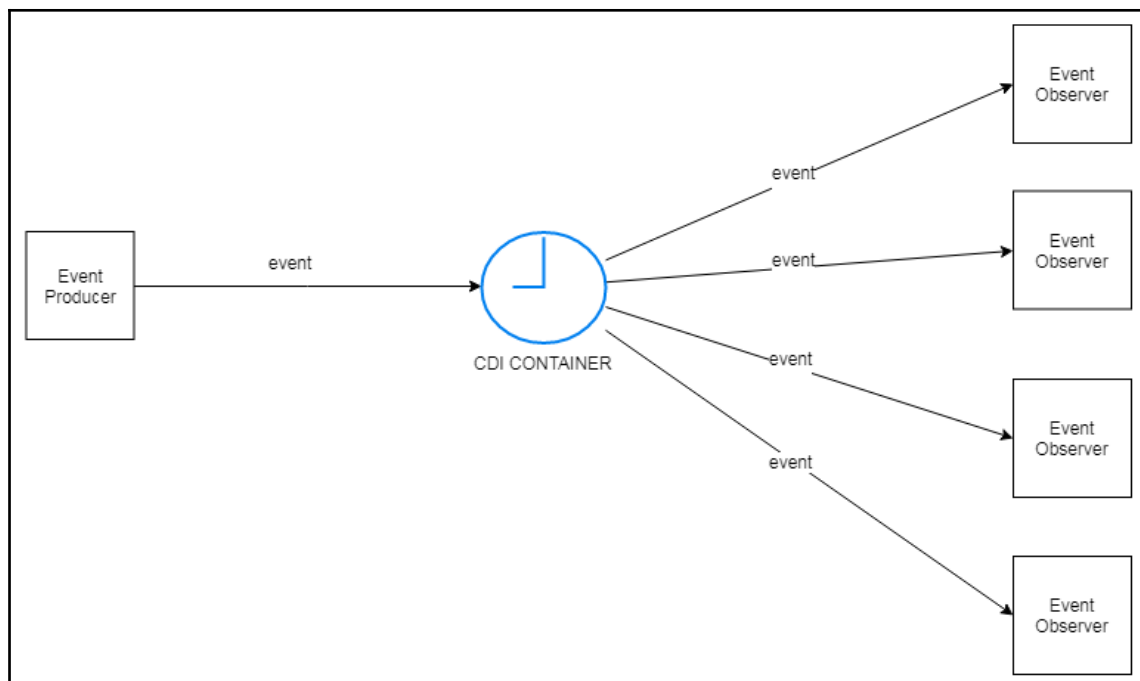




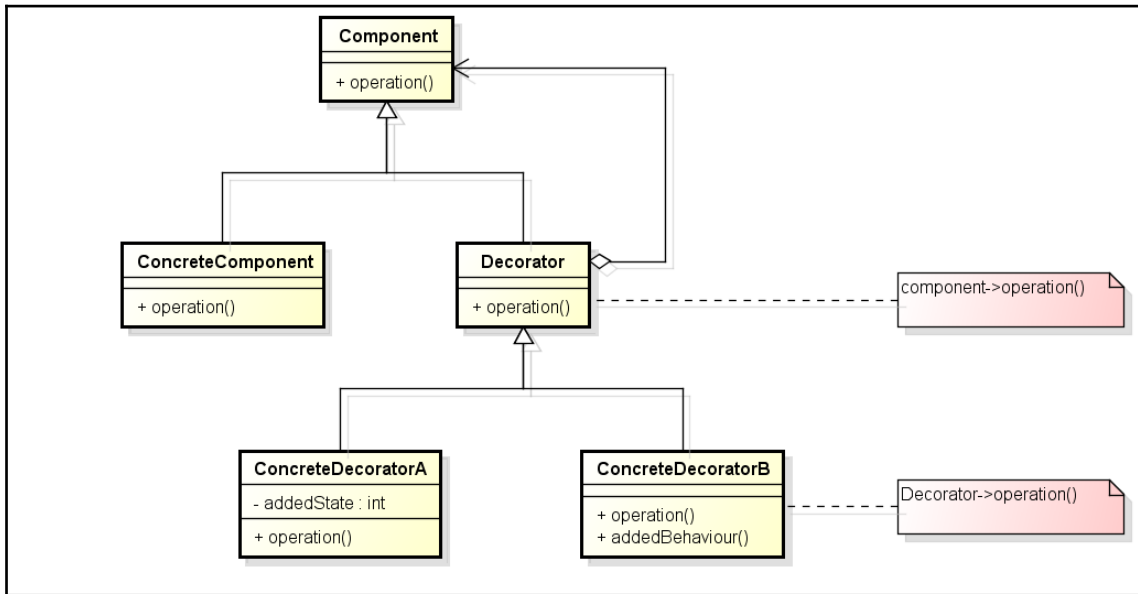
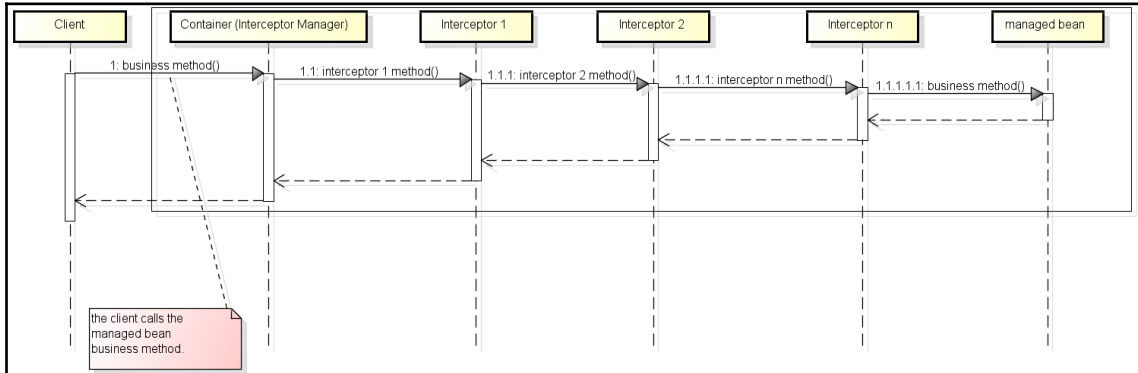
## Chapter 4: Integration Patterns



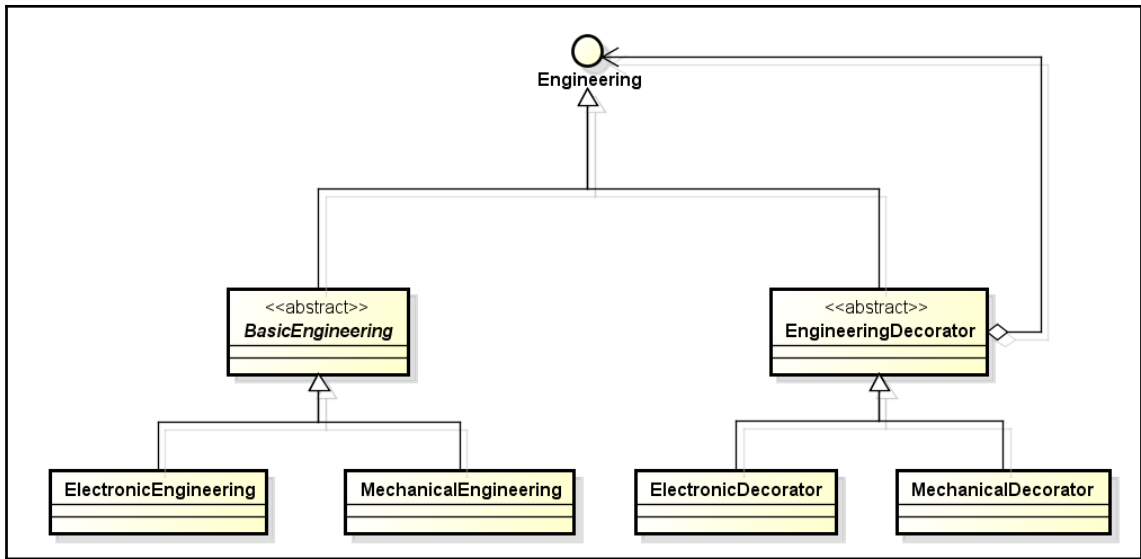




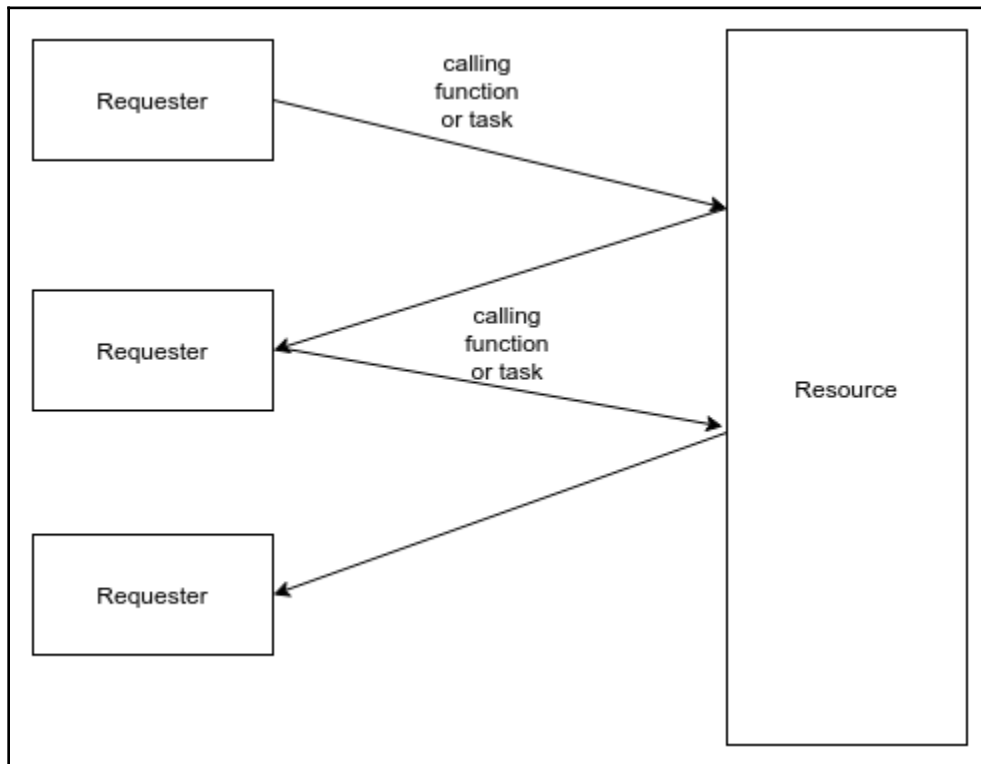
# Chapter 5: Aspect-Oriented Programming and Design Patterns



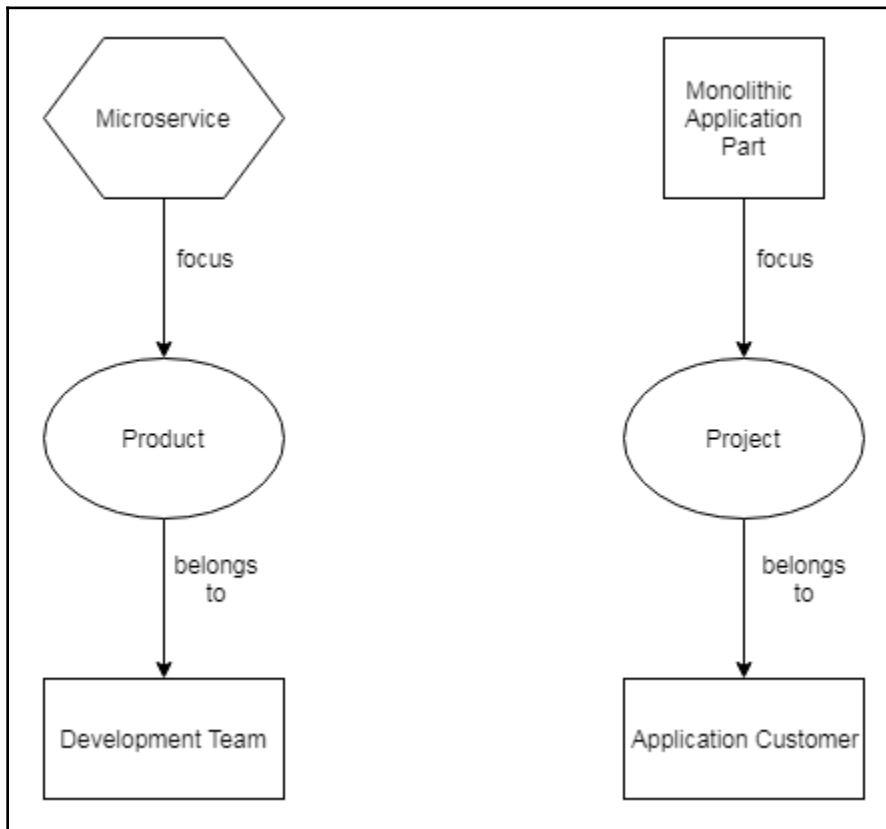


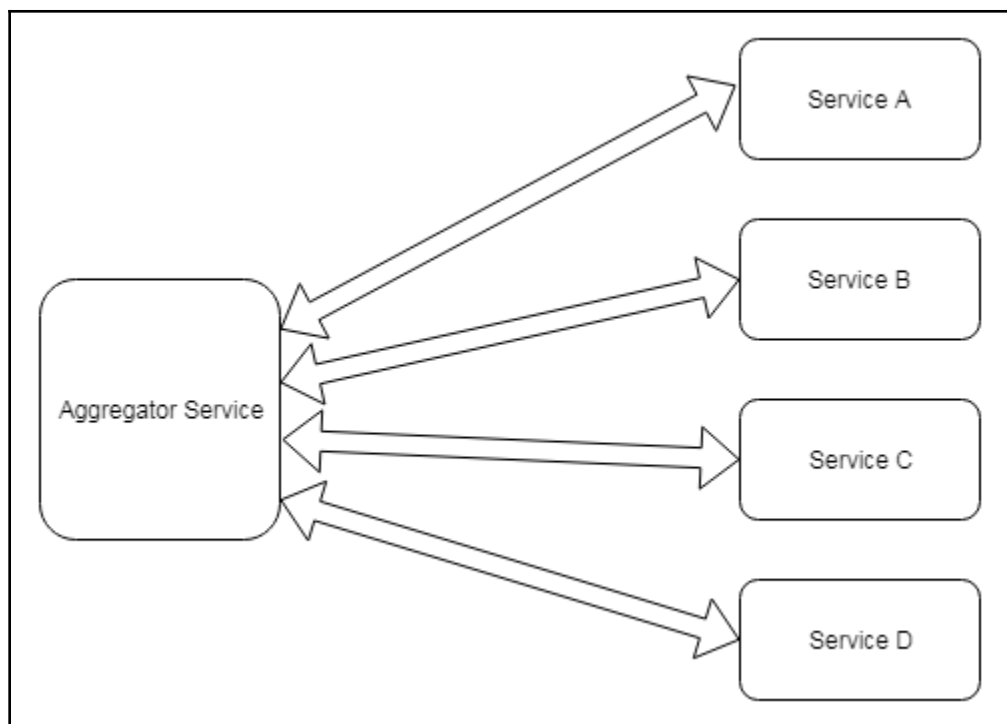


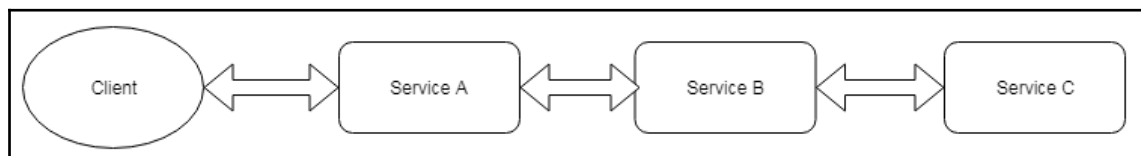
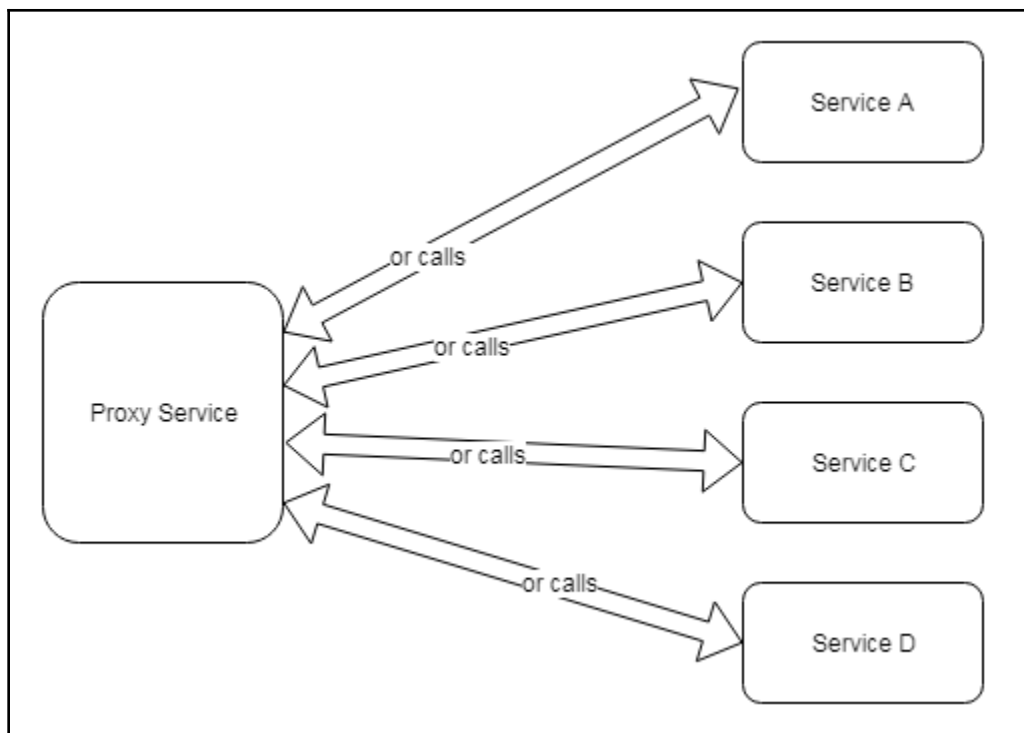
## Chapter 6: Reactive Patterns

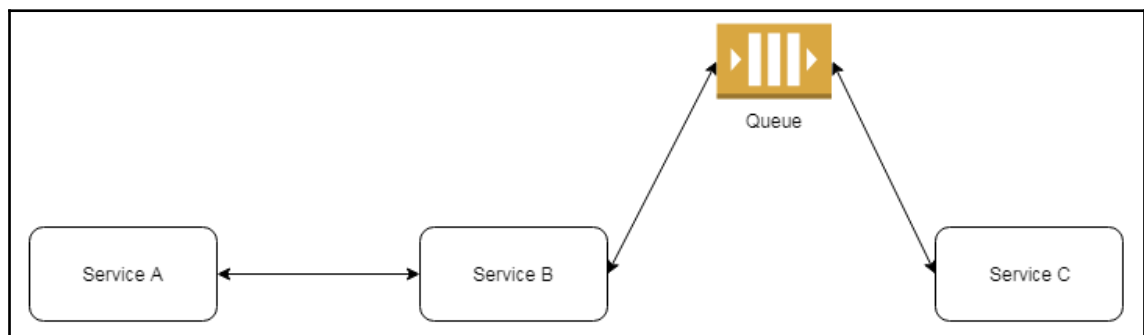
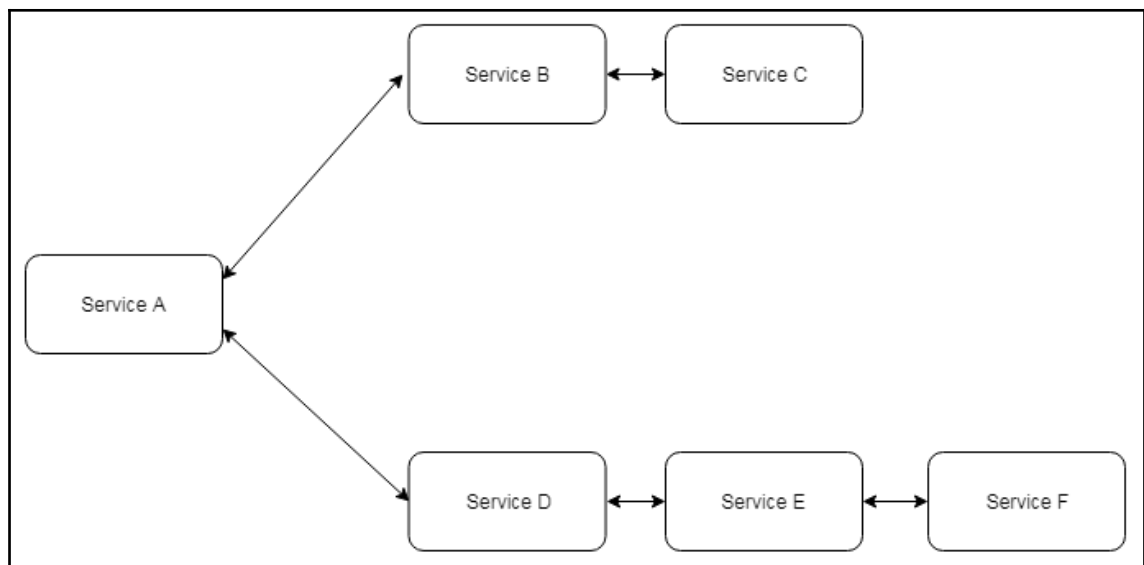


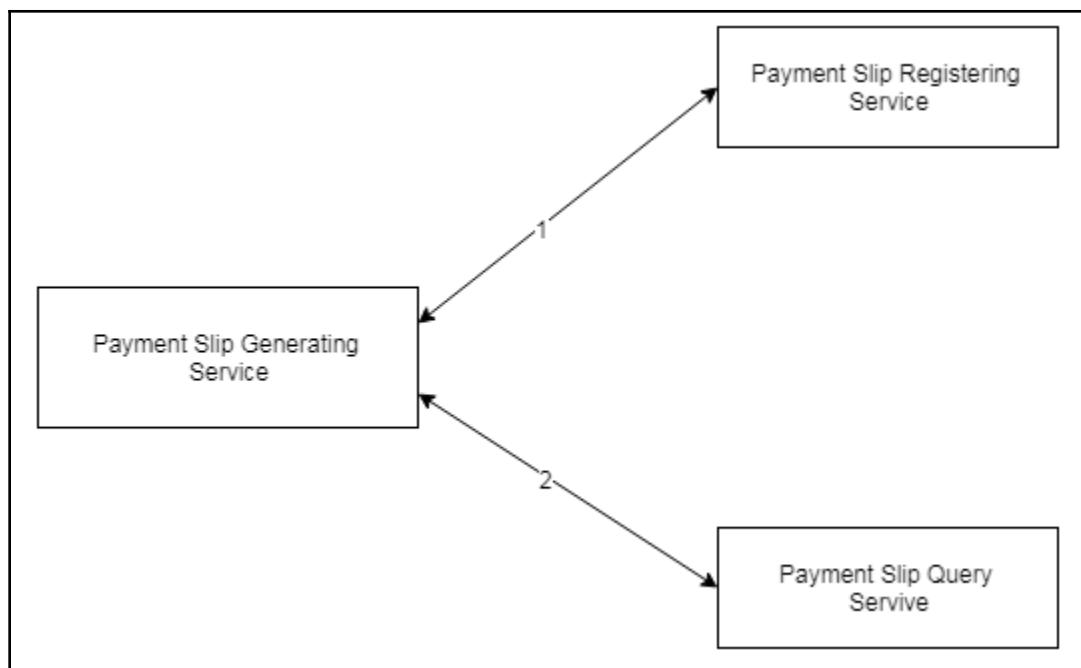
## Chapter 7: Microservice Patterns



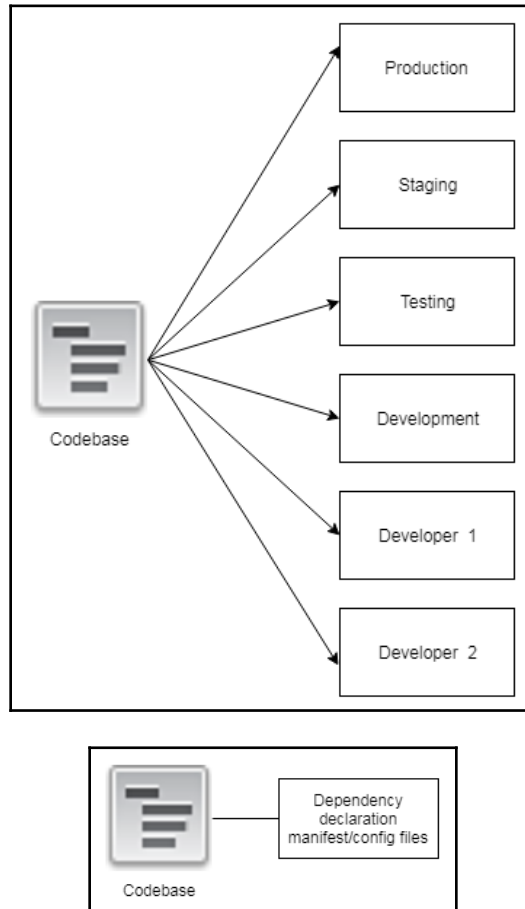




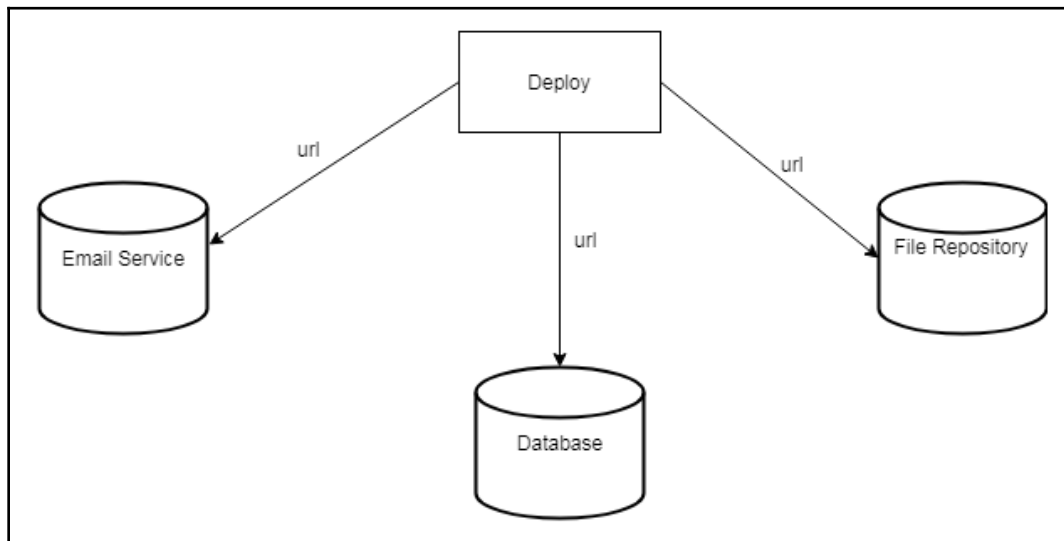
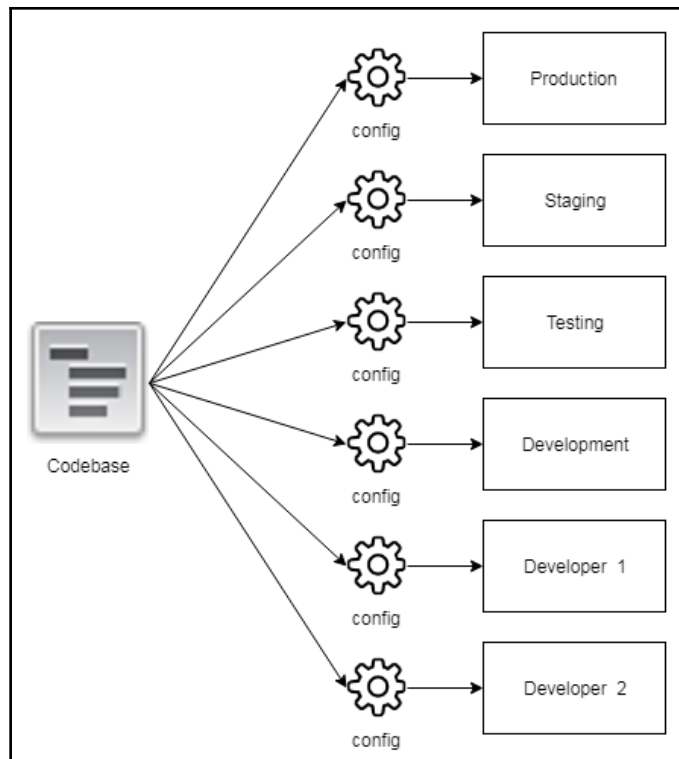


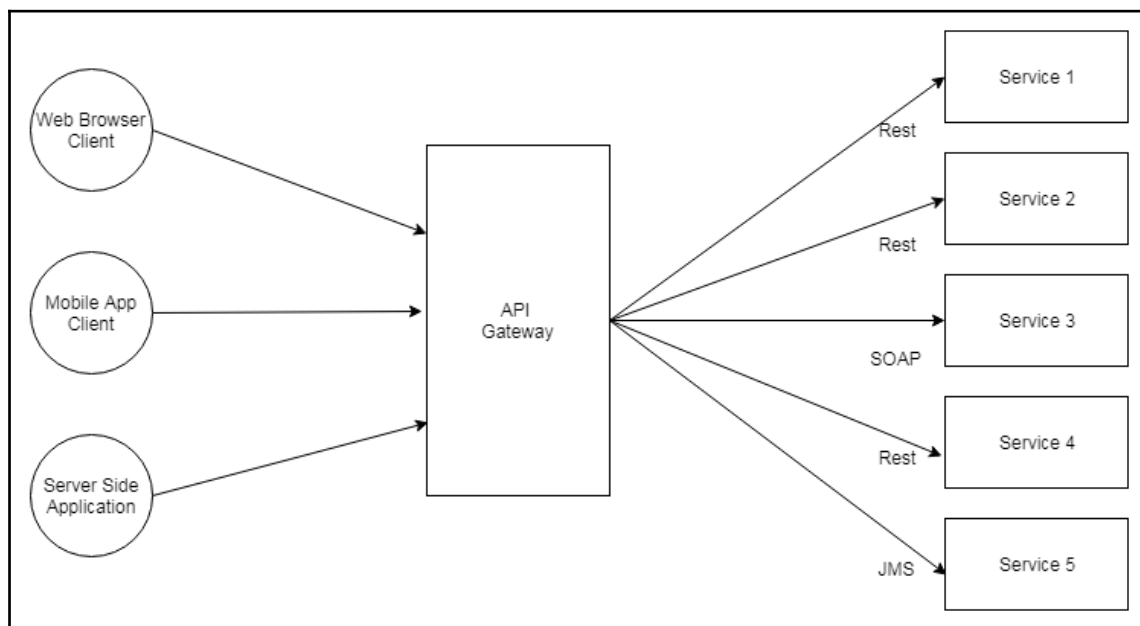
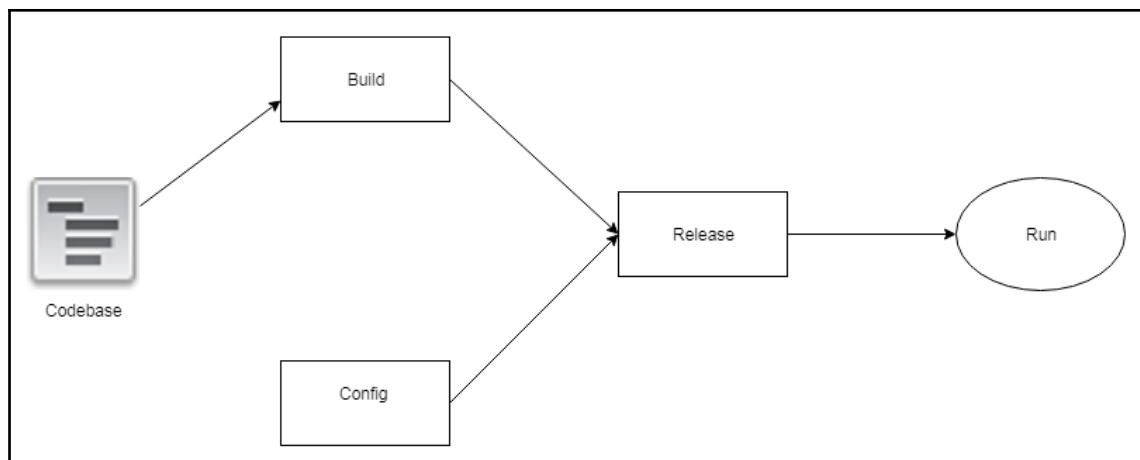


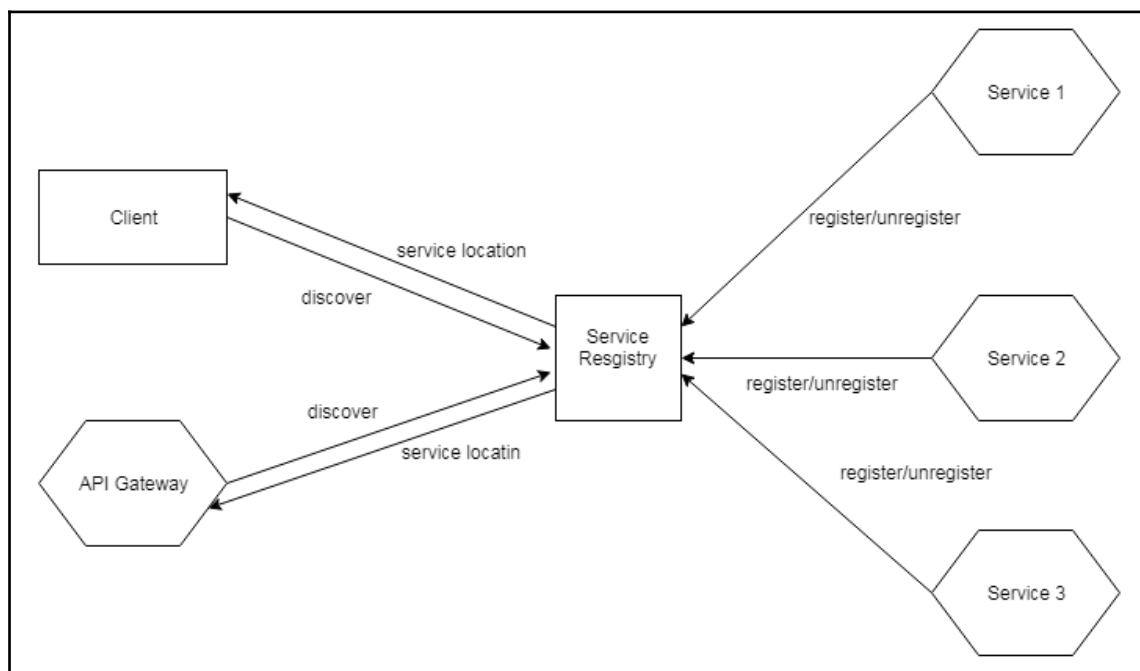
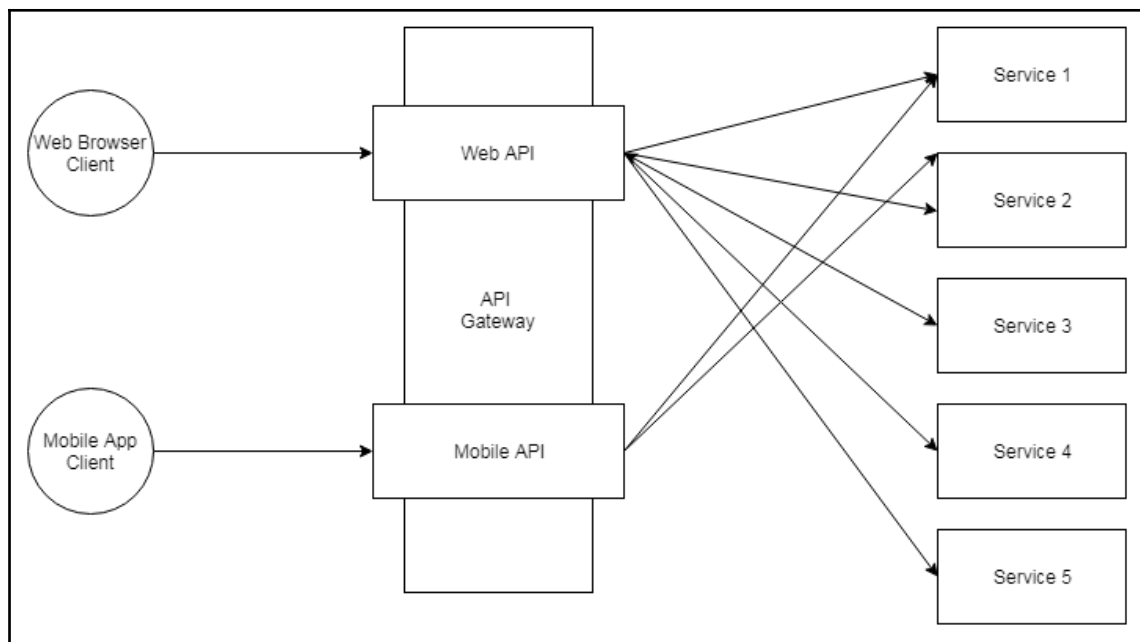
# Chapter 8: Cloud-Native Application Patterns

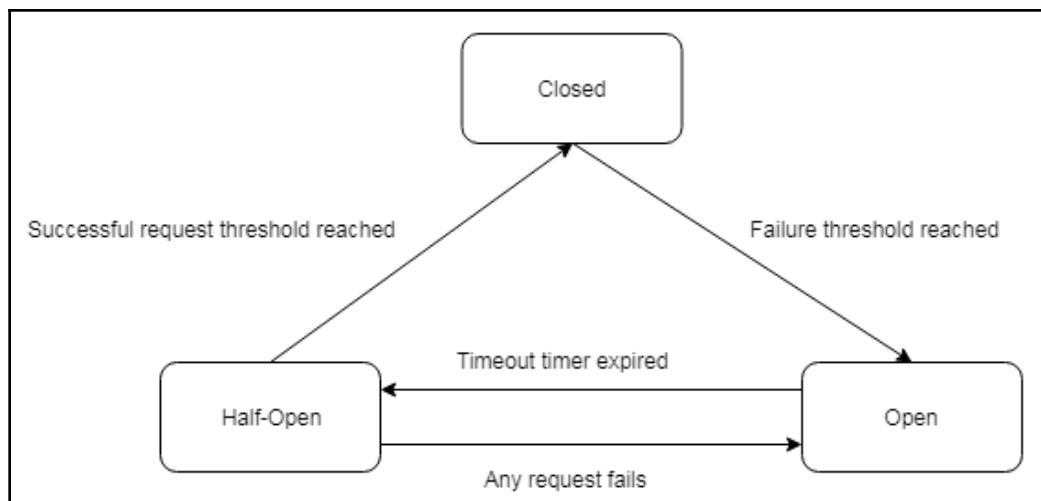
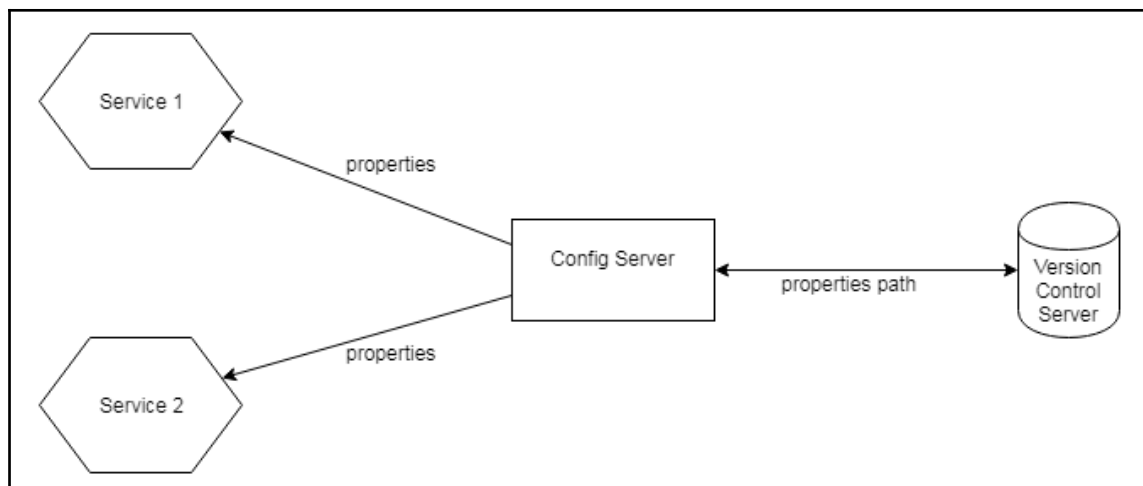




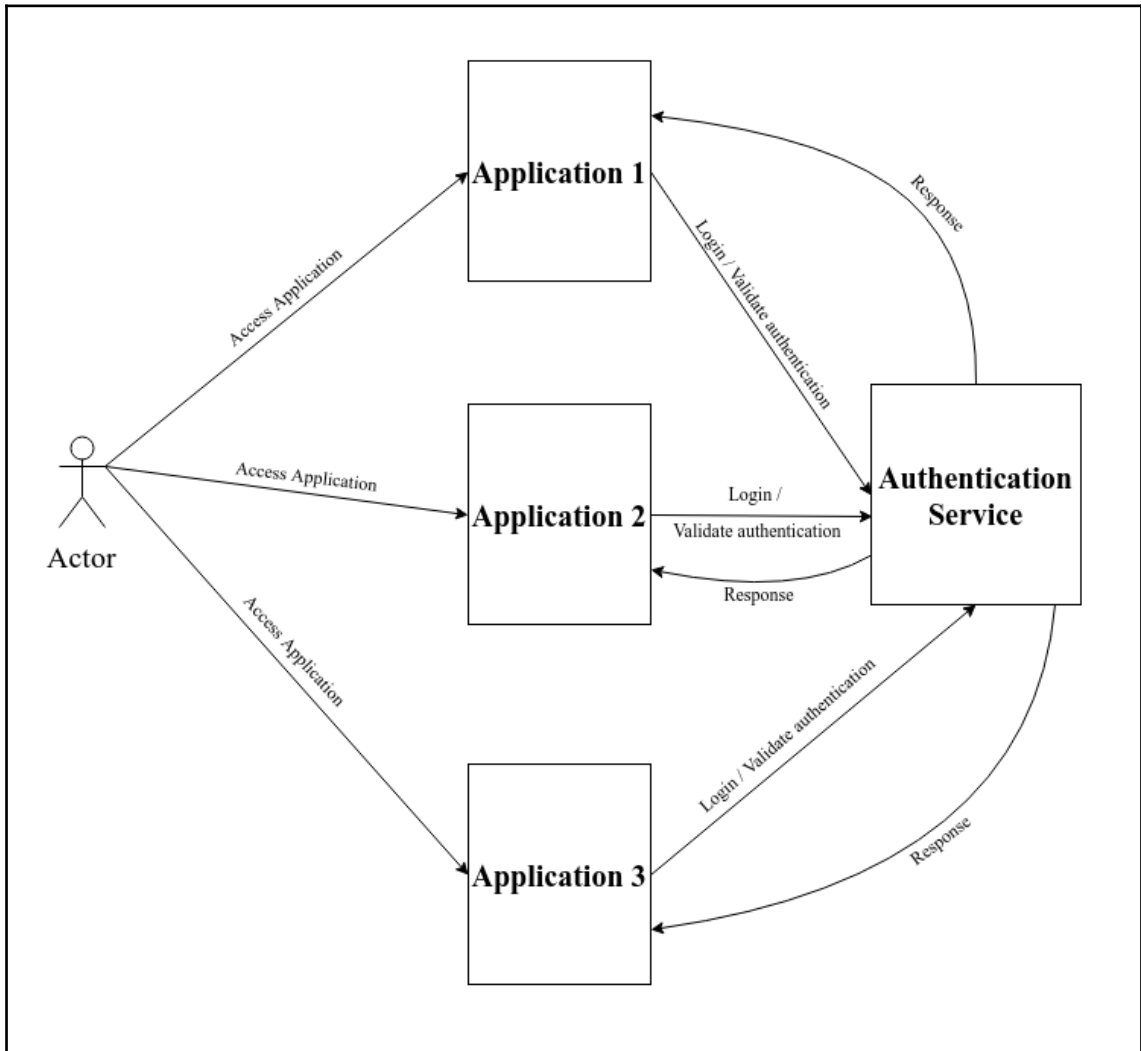


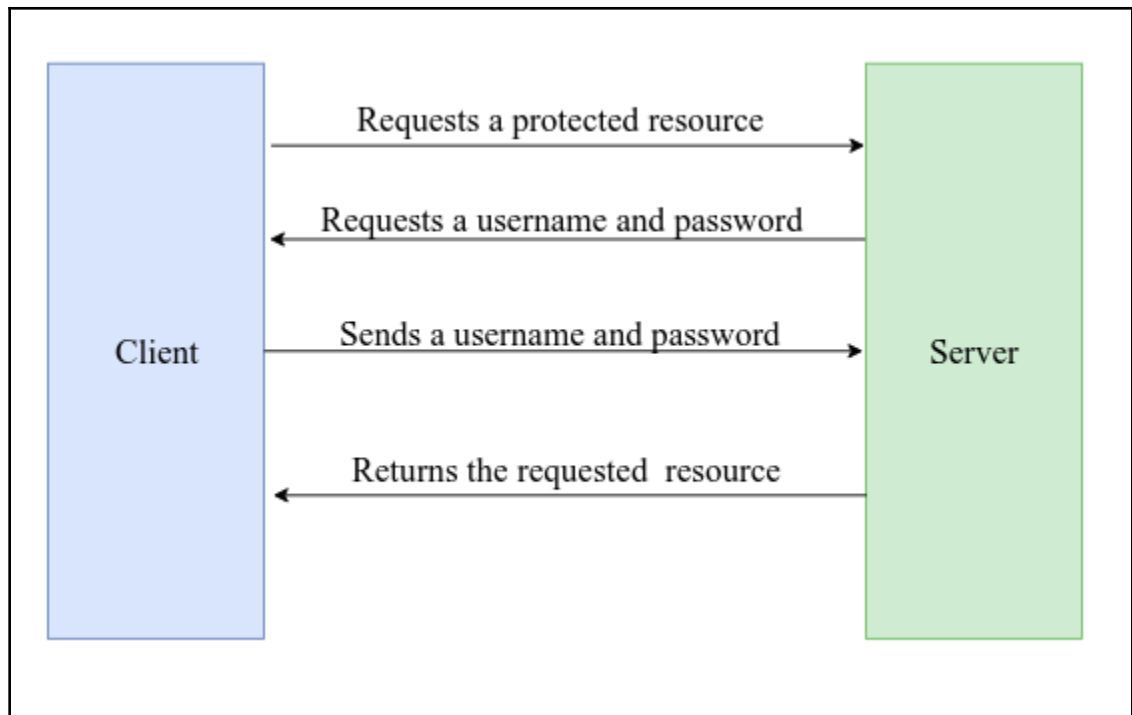


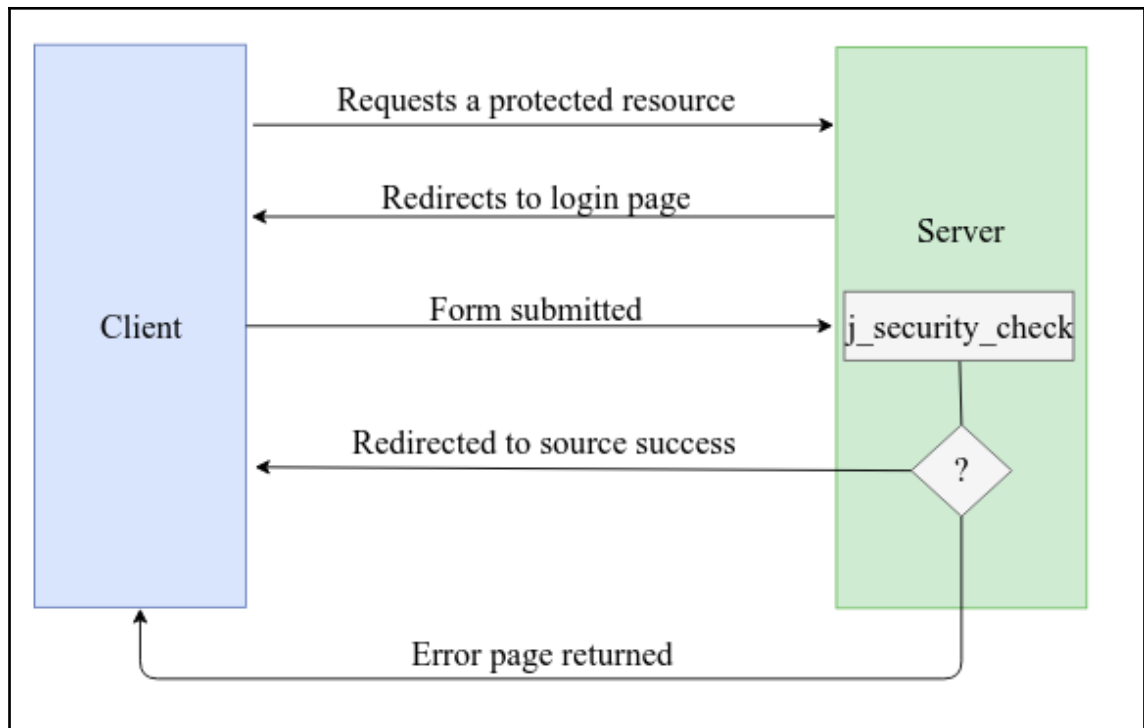


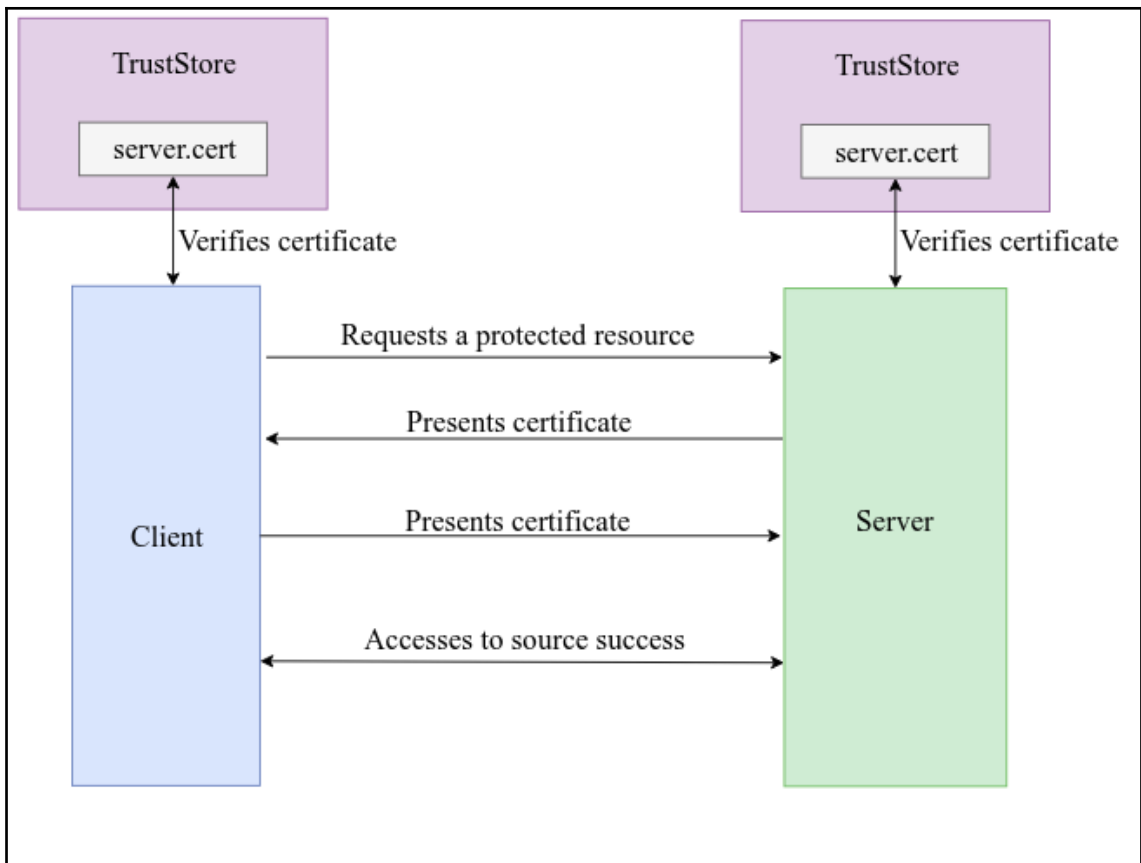


## Chapter 9: Security Patterns



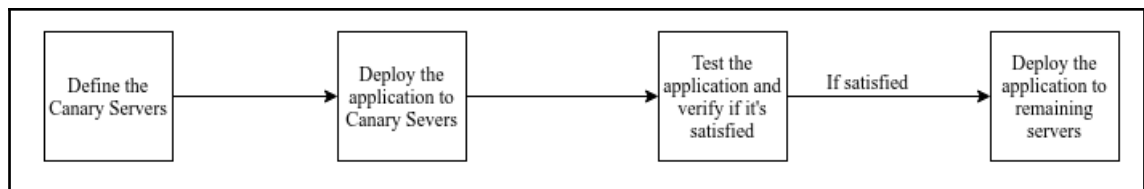
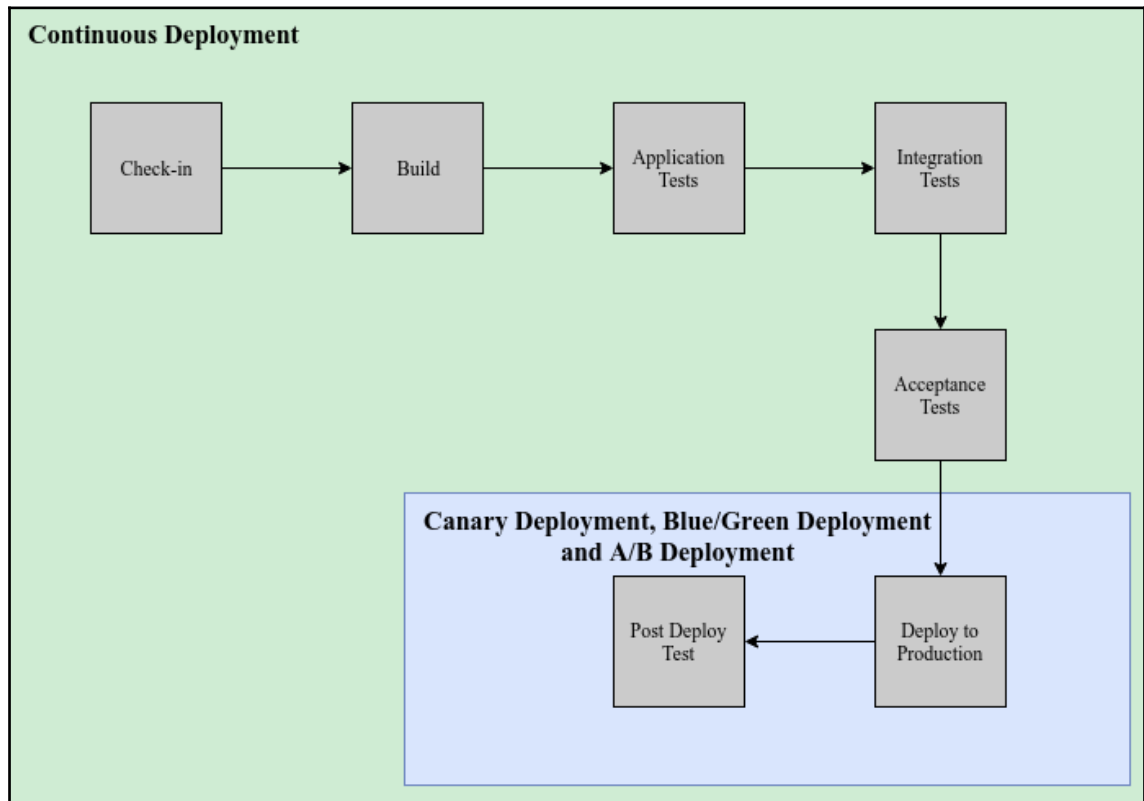


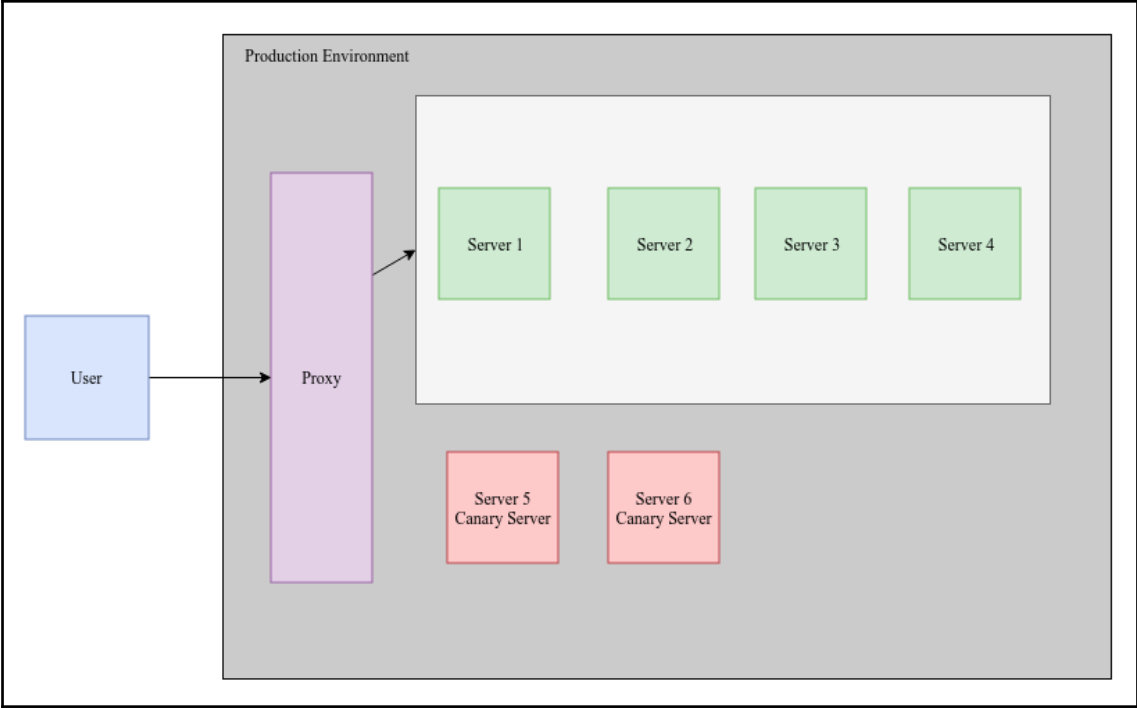


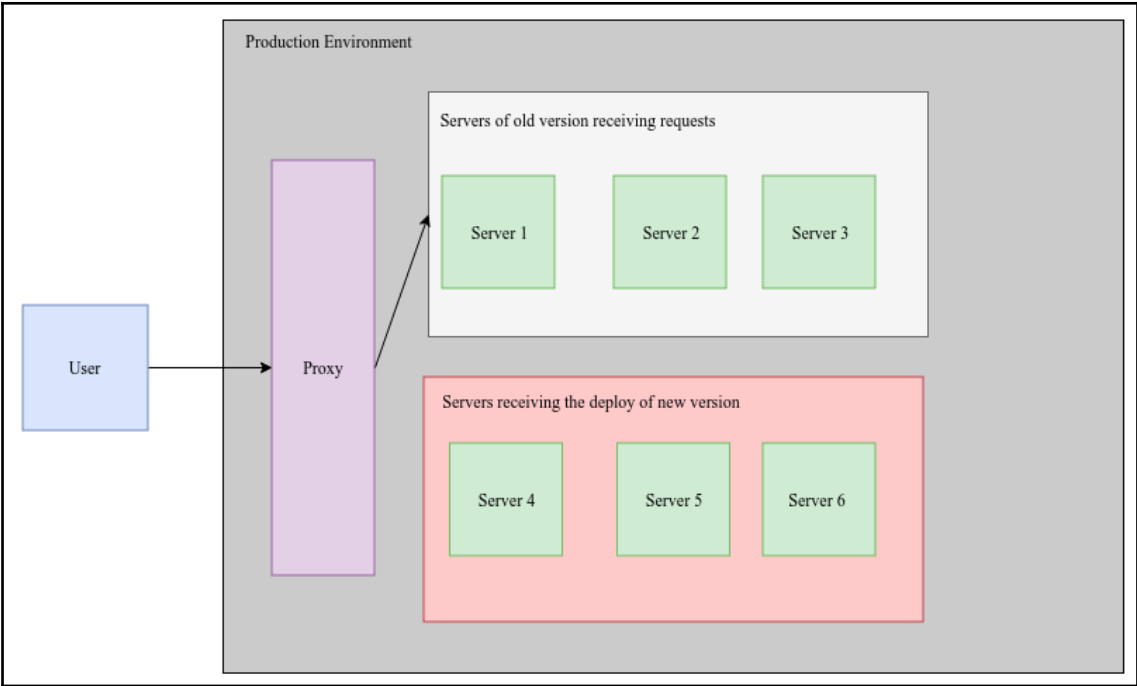


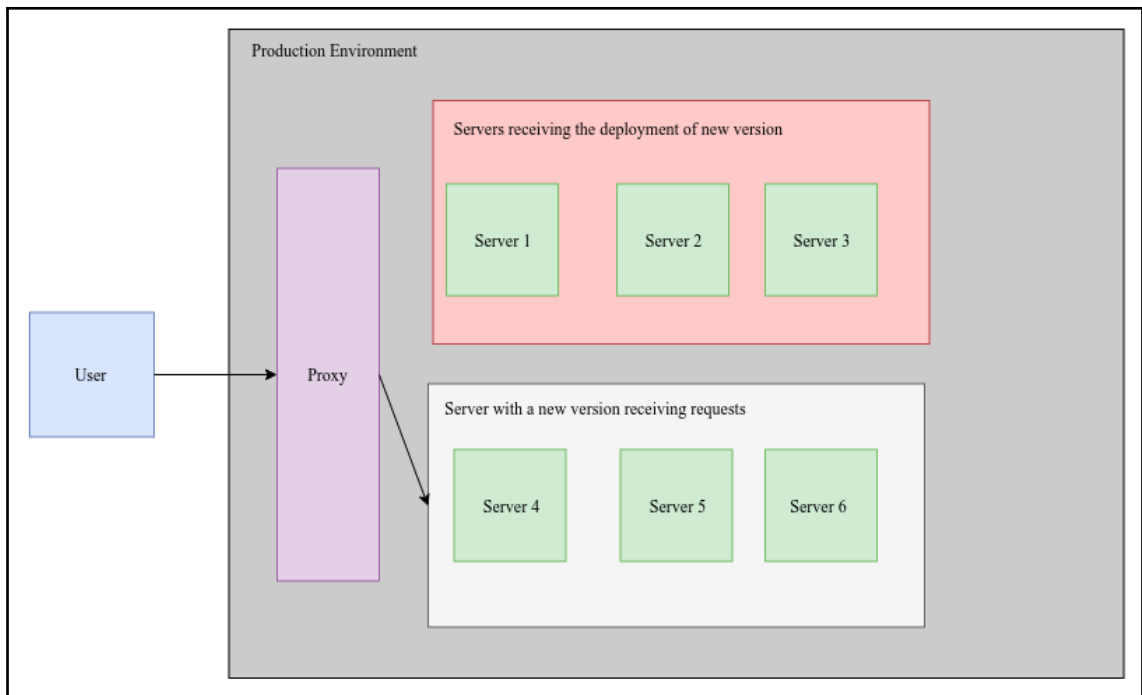


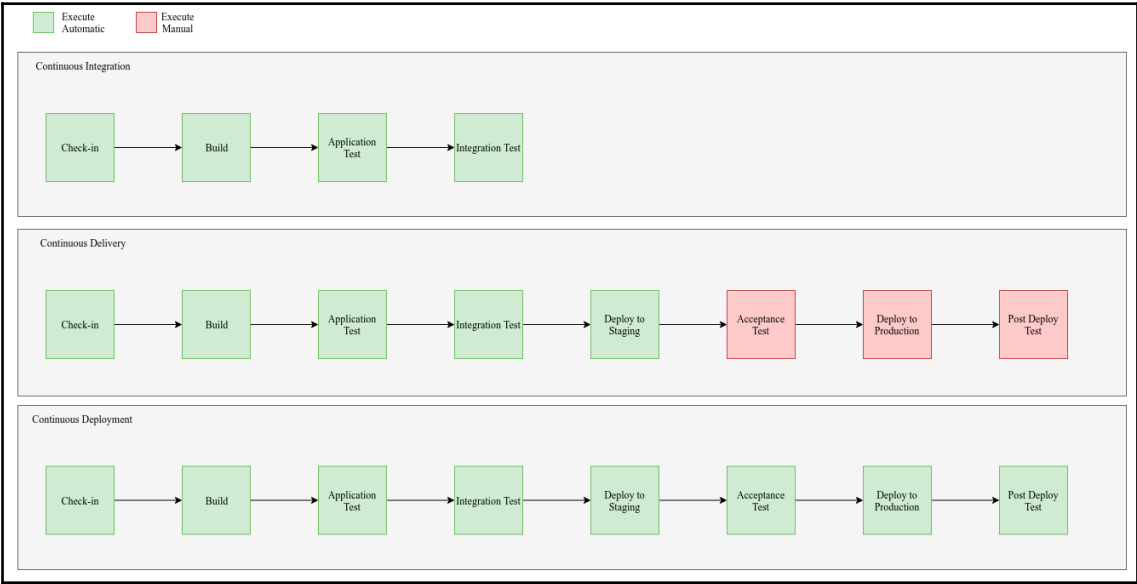
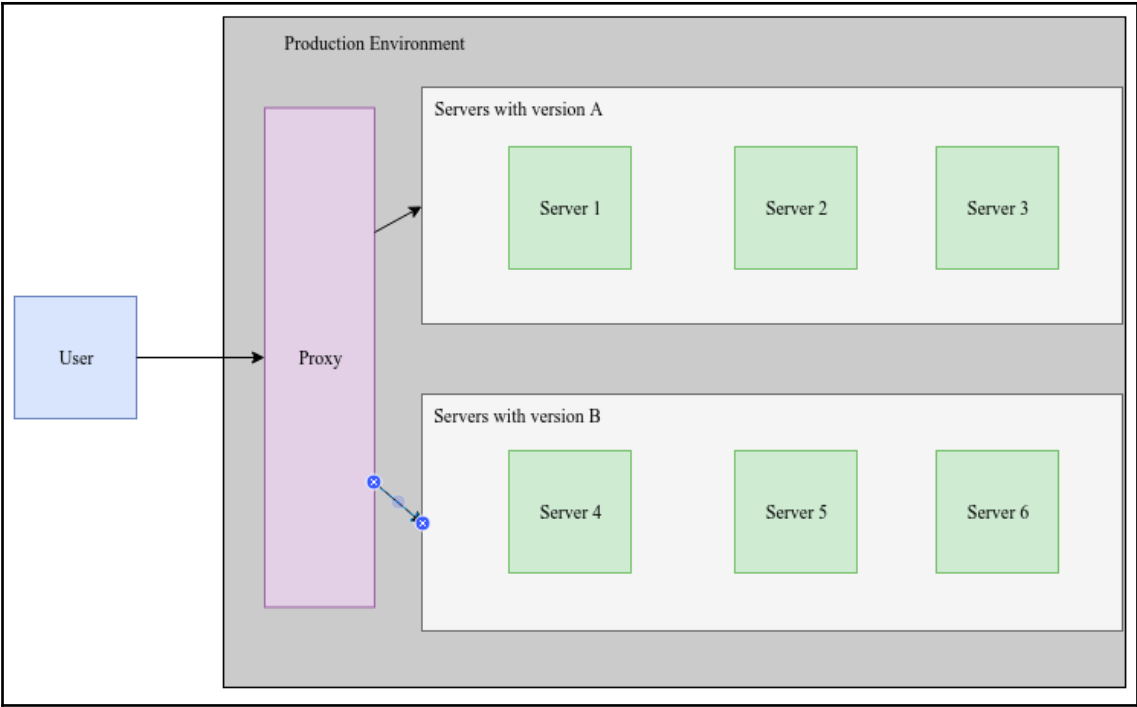
# Chapter 10: Deployment Patterns



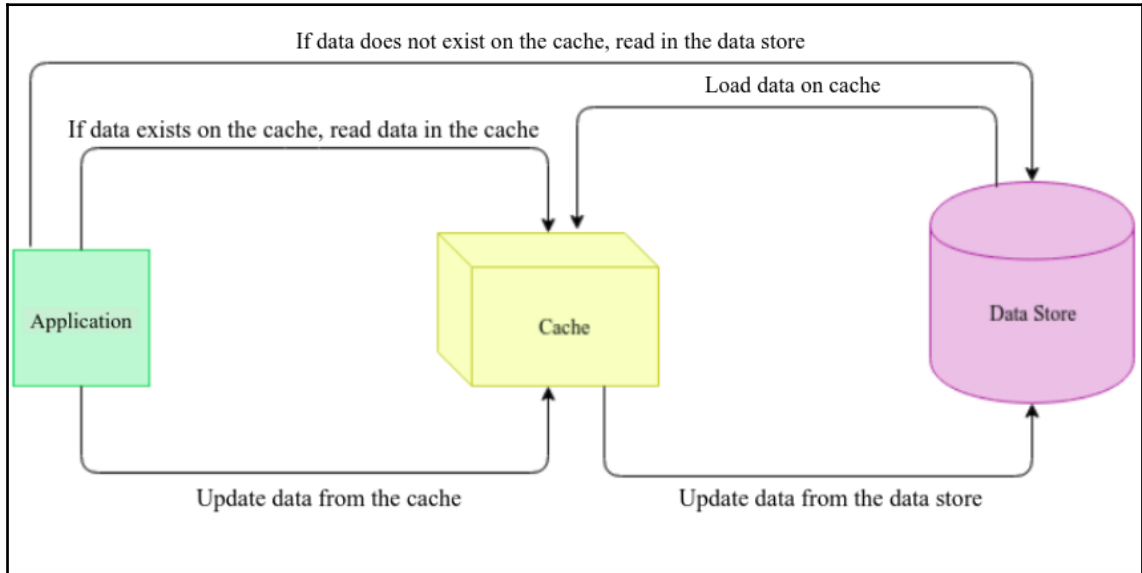








# Chapter 11: Operational Patterns



ID	NAME	AGE
1	Usuario A	20
2	Usuario B	22
3	Usuario C	20
4	Usuario D	19
5	Usuario E	22

INDEX(AGE)	ID	NAME	AGE
19	4	Usuario D	19
20	1	Usuario A	20
20	3	Usuario C	20
22	2	Usuario B	22
22	5	Usuario E	22

ID	NAME	AGE
1	Usuario A	20
2	Usuario B	22
3	Usuario C	20
4	Usuario D	19
5	Usuario E	22

INDEX(AGE)	ID
19	4
20	1
20	3
22	2
22	5

ID	NAME	AGE
1	Usuario A	20
2	Usuario B	22
3	Usuario C	20
4	Usuario D	19
5	Usuario E	22

INDEX(AGE)	ID	NAME
19	4	Usuario D
20	1	Usuario A
20	3	Usuario C
22	2	Usuario B
22	5	Usuario E

ID	NAME_EMPLOYEE	AGE	ID_COMPANY
1	Usuario A	20	1
2	Usuario B	22	2
3	Usuario C	20	2
4	Usuario D	19	1
5	Usuario E	22	1

ID	NAME_COMPANY
1	COMPANY X
2	COMPANY Z

ID	NAME_EMPLOYEE	AGE	NAME_COMPANY
1	Usuario A	20	COMPANY X
2	Usuario B	22	COMPANY Z
3	Usuario C	20	COMPANY Z
4	Usuario D	19	COMPANY X
5	Usuario E	22	COMPANY X

← Materialized View

