Façade Pattern:

提供一个接口门面类，为复杂的子系统提供一个简单接口。

Wrap an existing system with a new interface

A simple entry point to a large sub system

A layer of indirection that hides legacy complexity

A close up of text on a white background

Description automatically generated

Composite

一个抽象类，一个具体类，其所属部门指向抽象类，达到解耦的目的

A screenshot of a cell phone

Description automatically generated

A close up of a map

Description automatically generated

Decorator:

Component 为统一接口，是装饰类和被装饰类的统一接口

Concretecomponent为具体实现类，也是被装饰类，本身具有一些功能

Decorator类是装饰类，产生一些用于具体装饰的子类

A close up of a map

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Flyweight

实现对象的共享

A close up of a map

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A screenshot of a map

Description automatically generated

节约内存

Strategy

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对同一个方法 子类写多次适配不同的情况

我要用哪种方法？

Visitor

Double dispatch

Do the right thing based on the type of two objects

Add operations to an existing hierarchy

Chain of Responsibility

Recursive composition

Object-oriented linked list

1-to-1 “has a” at the top of the “is a” hierarchy

A close up of a piece of paper

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Template Method

Configure steps of an algorithm

Placeholders specified in base class, implemented in derived classes

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Memento

Undo, rollback

A magic cookie

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Mediator

An extra level of indirection that encapsulates the many to many relationships between other components

Wrapper is a “mapping” object

Delegates are a network of collaboration objects

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Proxy

An extra level of indirection that provides additional functionality

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