

The background is a dark blue field with a subtle, repeating pattern of light blue geometric shapes, primarily triangles and squares, creating a 3D effect. On the right side, there are large, vibrant green abstract shapes that resemble stylized, flowing lines or organic forms. A thin white vertical line is positioned on the left side, starting from a small white circle at the bottom and extending upwards to a white lightning bolt icon.

DESIGN PATTERNS



Agenda

- Introdução a design patterns
- Factory
- Builder
- Prototype
- Decorator
- Template method
- Null object
- Comand
- Observer
- State
- Strategy
- O que pegamos disso tudo
- O que estudar





Design patterns

Resumo



Design patterns

Design patterns como citado no livro, é uma pattern criado a partir de problemas conhecidos. Para quando acontecerem de volta, já ter uma referência que funciona para aquele problema





Tipos de design patterns

		Purpose		
		Creational	Structural	Behavioral
Scope	Class	Factory Method (121)	Adapter (157)	Interpreter (274) Template Method (360)
	Object	Abstract Factory (99) Builder (110) Prototype (133) Singleton (144)	Adapter (157) Bridge (171) Composite (183) Decorator (196) Facade (208) Flyweight (218) Proxy (233)	Chain of Responsibility (251) Command (263) Iterator (289) Mediator (305) Memento (316) Observer (326) State (338) Strategy (349) Visitor (366)



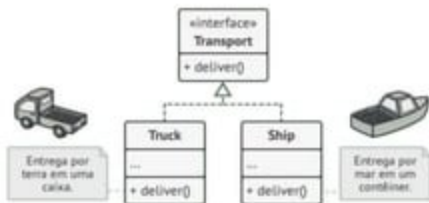
Factory

Resumo

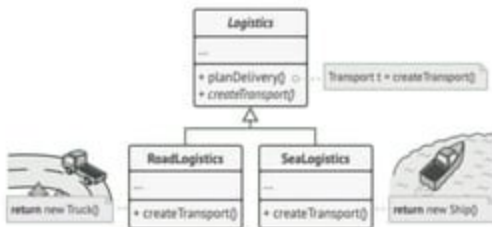




Factory method

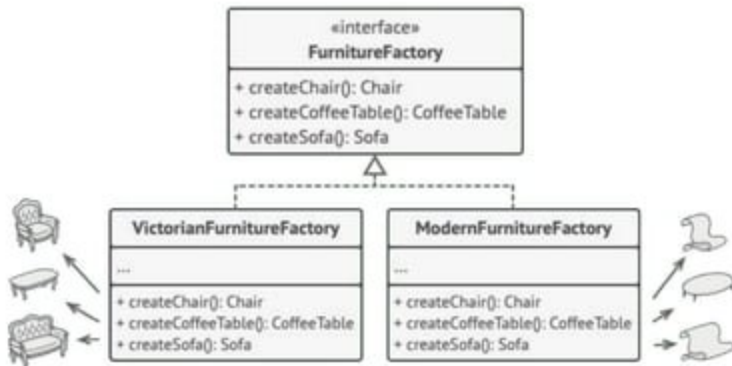


<https://refactoring.guru/pt-br/design-patterns/factory-method>





Abstract factory



<https://refactoring.guru/pt-br/design-patterns/abstract-factory>



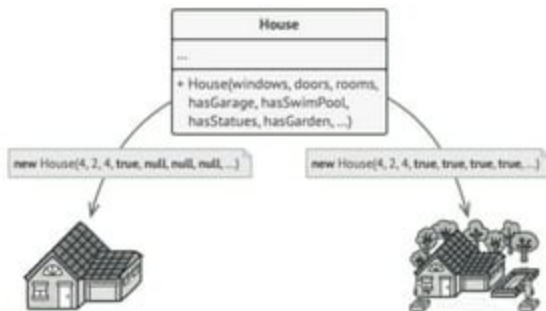
Builder

Resumo

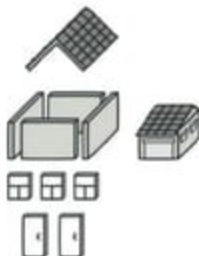
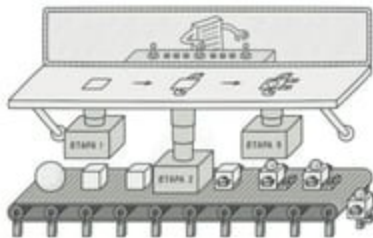




Builder



<https://refactoring.guru/pt-br/design-patterns/builder>



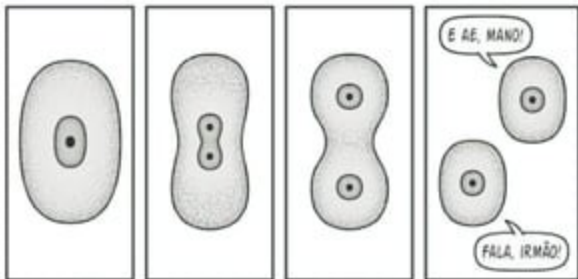


Prototype

Resumo



Prototype



<https://refactoring.guru/pt-br/design-patterns/prototype>





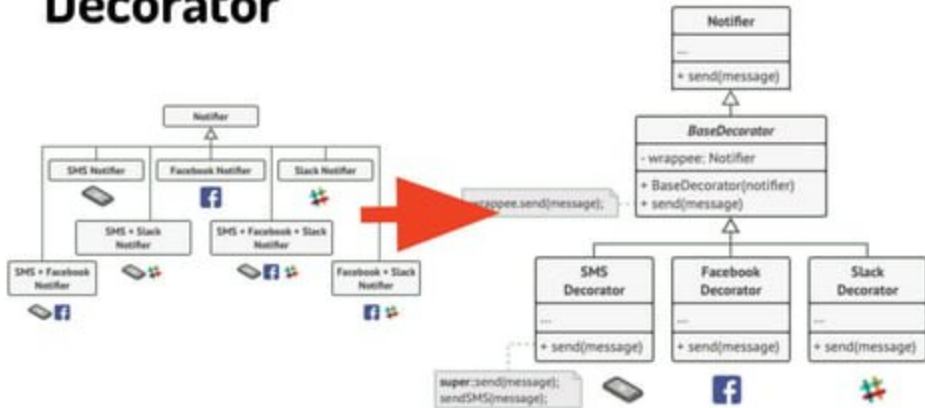
Decorator

Resumo





Decorator



Feito alteração em tempo de execução.





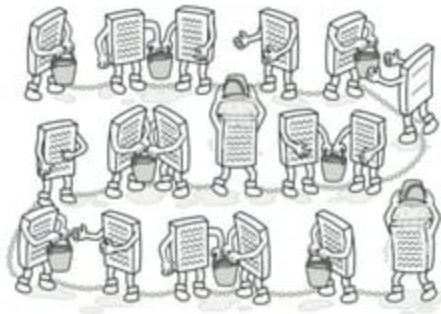
Outros padrões

Resumo





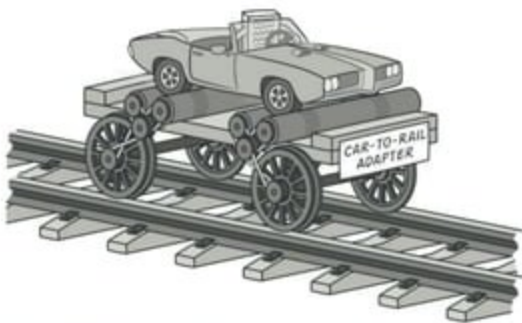
Chain of Responsibility



<https://refactoring.guru/design-patterns/chain-of-responsibility>



Adapter

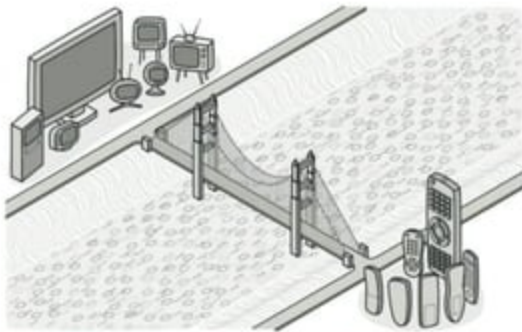


<https://refactoring.guru/design-patterns/adapter>





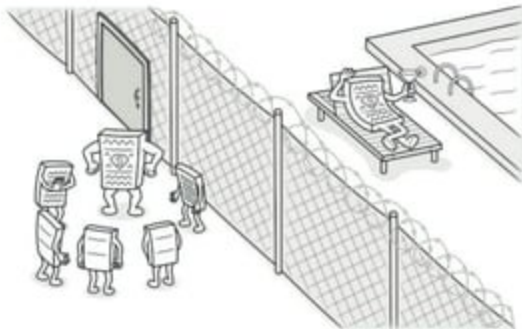
Bridge



<https://refactoring.guru/design-patterns/bridge>



Proxy



<https://refactoring.guru/design-patterns/proxy>



Composite



<https://refactoring.guru/design-patterns/composite>

