## **DESIGN PATTERNS MINI-WORKSHOPS**

| Runde | Pattern                 | Name / Gruppe |
|-------|-------------------------|---------------|
| 1     | ABSTRACT FACTORY        |               |
| 1     | BRIDGE                  |               |
| 1     | FLYWEIGHT               |               |
| 2     | VISITOR                 |               |
| 2     | MEMENTO                 |               |
| 2     | STATE                   |               |
| 3     | CHAIN OF RESPONSIBILITY |               |
| 3     | INTERPRETER             |               |
| 3     | MEDIATOR                |               |
|       | ?                       |               |
|       | ?                       |               |
|       | ?                       |               |

## **ABSTRACT FACTORY**

https://de.wikipedia.org/wiki/Abstrakte Fabrik

https://refactoring.guru/design-patterns/abstract-factory

https://www.philipphauer.de/study/se/design-pattern/abstract-factory.php

# **BRIDGE**

https://www.tutorialspoint.com/design\_pattern/bridge\_pattern.htm

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

https://de.wikipedia.org/wiki/Br%C3%BCcke\_(Entwurfsmuster)

https://www.geeksforgeeks.org/bridge-design-pattern/

https://sourcemaking.com/design\_patterns/bridge

https://www.journaldev.com/1491/bridge-design-pattern-java

https://medium.com/@amritlalsahu5/bridge-design-pattern-9afad7138777

https://blog.usejournal.com/design-patterns-a-quick-guide-to-bridge-pattern-9ebf6a77baed https://springframework.guru/gang-of-four-design-patterns/bridge-pattern/ https://www.javatpoint.com/bridge-pattern

### **FLYWEIGHT**

https://www.tutorialspoint.com/design\_pattern/flyweight\_pattern.htm

https://refactoring.guru/design-patterns/flyweight/

https://refactoring.guru/design-patterns/flyweight/java/example

https://de.wikipedia.org/wiki/Fliegengewicht (Entwurfsmuster)

https://www.journaldev.com/1562/flyweight-design-pattern-java

## **VISITOR**

https://www.tutorialspoint.com/design\_pattern/visitor\_pattern.htm

https://refactoring.guru/design-patterns/visitor

https://www.baeldung.com/java-visitor-pattern

https://de.wikipedia.org/wiki/Besucher (Entwurfsmuster)

https://sourcemaking.com/design\_patterns/visitor

https://refactoring.guru/design-patterns/visitor/java/example

### **MEMENTO**

https://refactoring.guru/design-patterns/memento

https://www.tutorialspoint.com/design\_pattern/memento\_pattern.htm

https://www.baeldung.com/java-memento-design-pattern

https://de.wikipedia.org/wiki/Memento (Entwurfsmuster)

https://dzone.com/articles/memento-design-pattern-in-java

https://springframework.guru/gang-of-four-design-patterns/memento-pattern/

### **STATE**

https://www.baeldung.com/java-state-design-pattern

https://www.tutorialspoint.com/design\_pattern/state\_pattern.htm

https://www.philipphauer.de/study/se/design-pattern/state.php

https://de.wikipedia.org/wiki/Zustand (Entwurfsmuster)

https://refactoring.guru/design-patterns/state

https://refactoring.guru/design-patterns/state/java/example
https://howtodoinjava.com/design-patterns/behavioral/state-design-pattern/
https://www.geeksforgeeks.org/state-design-pattern/

### CHAIN OF RESPONSIBILTY

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

https://www.geeksforgeeks.org/chain-responsibility-design-pattern/

https://www.baeldung.com/chain-of-responsibility-pattern

https://www.journaldev.com/1617/chain-of-responsibility-design-pattern-in-java

https://howtodoinjava.com/design-patterns/behavioral/chain-of-responsibility-design-pattern/

www.avajava.com/tutorials/lessons/chain-of-responsibility-pattern.html

### **INTERPRETER**

https://de.wikipedia.org/wiki/Interpreter (Entwurfsmuster)

https://www.baeldung.com/java-interpreter-pattern

https://sourcemaking.com/design\_patterns/interpreter/java/2

https://www.tutorialspoint.com/design\_pattern/interpreter\_pattern.htm

https://medium.com/@sawomirkowalski/design-patterns-interpreter-5b4c0e2b832f

(Römische Zahlen interessant!)

https://www.journaldev.com/1635/interpreter-design-pattern-java

(Zahl -> Binär / Hexadezimal)

https://www.javacodegeeks.com/2015/09/interpreter-design-pattern.html

## **MEDIATOR**

https://refactoring.guru/design-patterns/mediator

https://www.tutorialspoint.com/design\_pattern/mediator\_pattern.htm

https://www.geeksforgeeks.org/mediator-design-pattern/

https://www.baeldung.com/java-mediator-pattern

https://sourcemaking.com/design\_patterns/mediator

http://www-home.htwg-konstanz.de/~haase/lehre/thisterm/pare/slides/Mediator.pdf

https://howtodoinjava.com/design-patterns/behavioral/mediator-pattern/