

# Java Design Patterns, Part 7 of 7: Memento, Interpreter and Bridge Pattern

page 1

**Meet the expert:** Paulo Dichone graduated from Whitworth University with a B.S in Computer Science in 2009 and has worked building Android and iOS mobiles apps as well as web applications. Since 2014 he's been an online instructor teaching over 40,000 students from 170 countries in how to program Java and build Android Applications.

**Prerequisites:** Core Java language is necessary for this course. if you do not have this please see:

Java SE 9, Part 1 of 14: Install and Introduction

Java SE 9, Part 2 of 14: IntelliJ and Operators

Java SE 9, Part 3 of 14: classes and Objects

Java SE 9, Part 4 of 14: Composition and Arrays

Java SE 9, Part 5 of 14: Interfaces and Streams

Java SE 9, Part 6 of 14: Swing and Flash Card Application

Java SE 9, Part 7 of 14: Intro to Java FX

Java SE 9, Part 8 of 14: Application Login

Java SE 9, Part 9 of 14: Expressions, DB and Threads

Java SE 9, Part 10 of 14: Project Setup and Login

Java SE 9, Part 11 of 14: Errors and Listview

Java SE 9, Part 12 of 14: Custom Lists and Updates

Java SE 9, Part 13 of 14: Vaadin and HTTP Introduction

Java SE 9, Part 14 of 14: Weather Application

**Runtime:** 01:21:01

**Course description:** Design patterns are proven solutions for solving problems without reinventing the wheel. Adding them to your high level toolkit will make you a better developer. In this course you'll become familiar with Memento, Interpreter, Chain of Responsibility, Bridge and Flyweight design patterns.

## Course outline:

### Memento Design Pattern

- Introduction
- Memento DP
- Memento Classes Part 1
- Memento Final
- Summary

### Interpreter Design Pattern

- Introduction

- Intro to Interpreter

- Final Interpreter
- Summary

### Chain of Responsibility Design Pattern

- Introduction
- Chain of Responsibility
- Responsibility Part 2

- Final Responsibility

- Summary

### Bridge Design Pattern

- Introduction
- Intro to Bridge Design Pattern
- Coding Classes
- Final Bridge pattern

- Summary

### Flyweight Design Pattern

- Introduction
- Intro to Flyweight
- Final FlyWeight
- Summary