



Iterator Pattern

LF10 Pattern Workshops

Mika
Bomm

Jan-Henrik
Ammer

Itch BS14

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1. What are patterns?

1.1 What are Programming Patterns?

1. What are patterns?

Problem

Repeating coding challenges that many developers face

- Hard to maintain code
- Reinventing the wheel

Pattern

Proven solution template that works

- Reusable blueprint
- Best practices
- Tested by many devs

Benefits

- ✓ Better code quality
- ✓ Easier maintenance
- ✓ Team communication
- ✓ Faster development
- ✓ Proven solutions



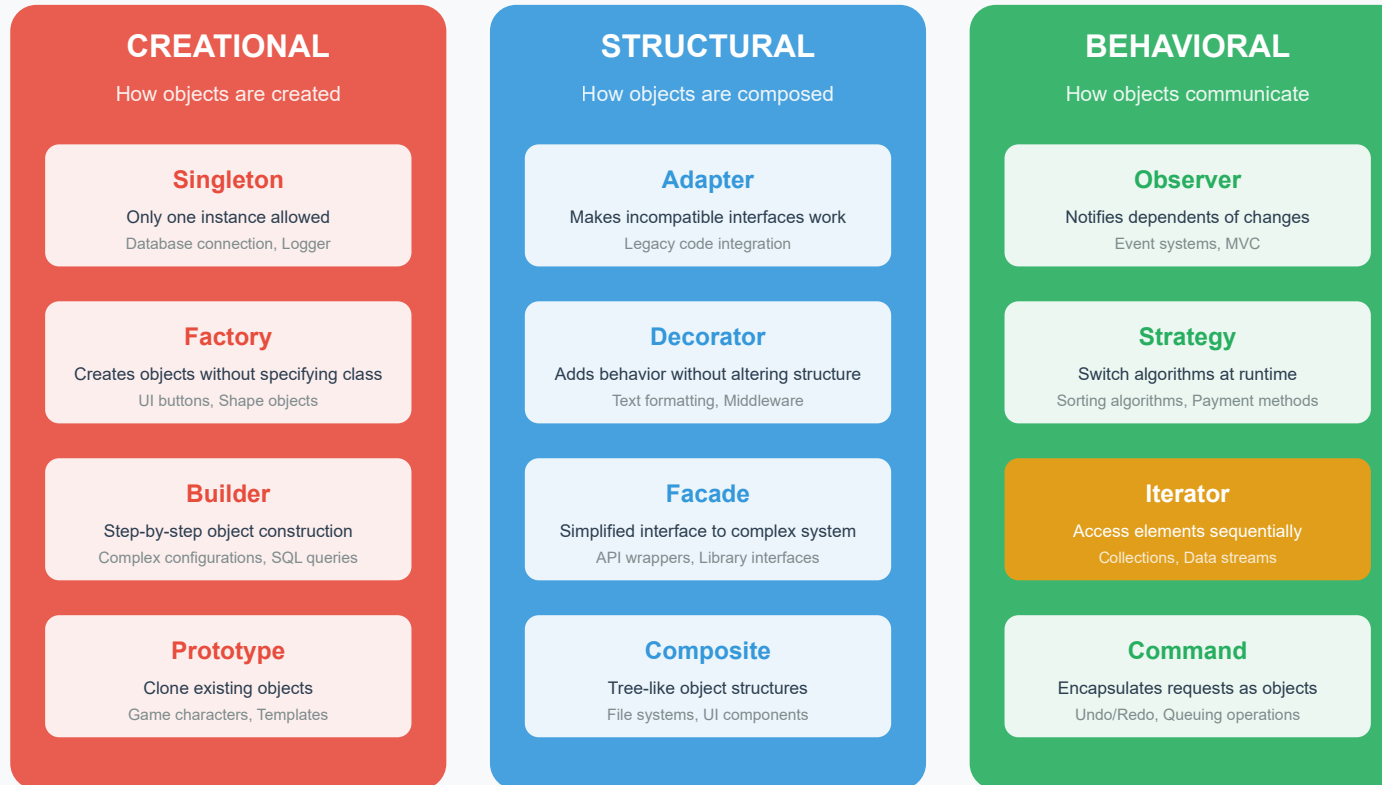
Patterns = Reusable solutions that make programming easier and more reliable

1.2 Different types of patterns?

1. What are patterns?



Types of Design Patterns



Each category solves different types of software design problems

2. Iterator pattern

2.1 What is it and how does it work?

Problem

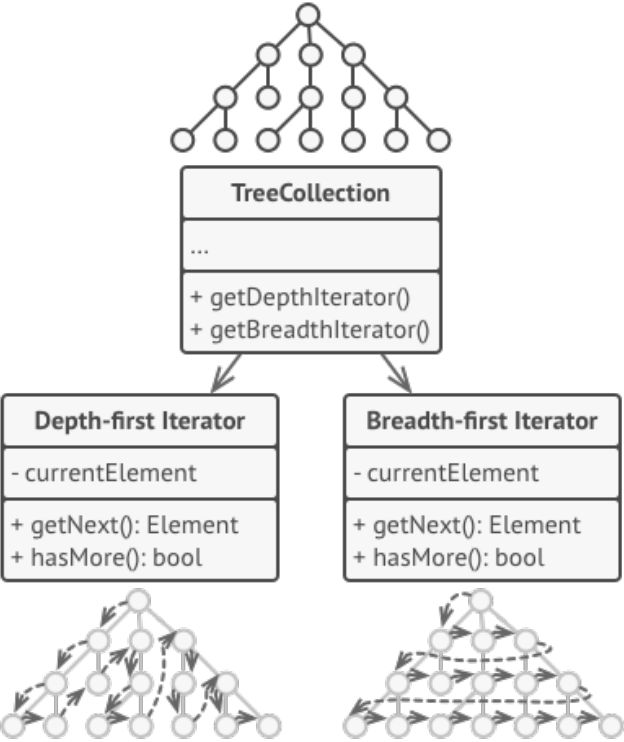


Figure 1: Quelle

Structure

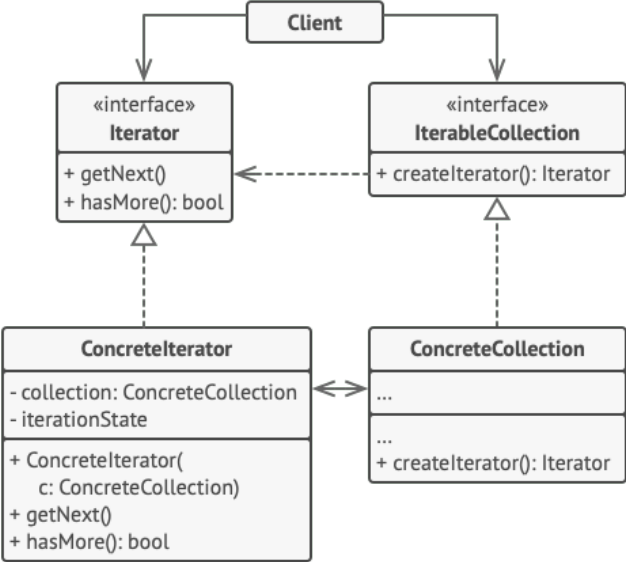
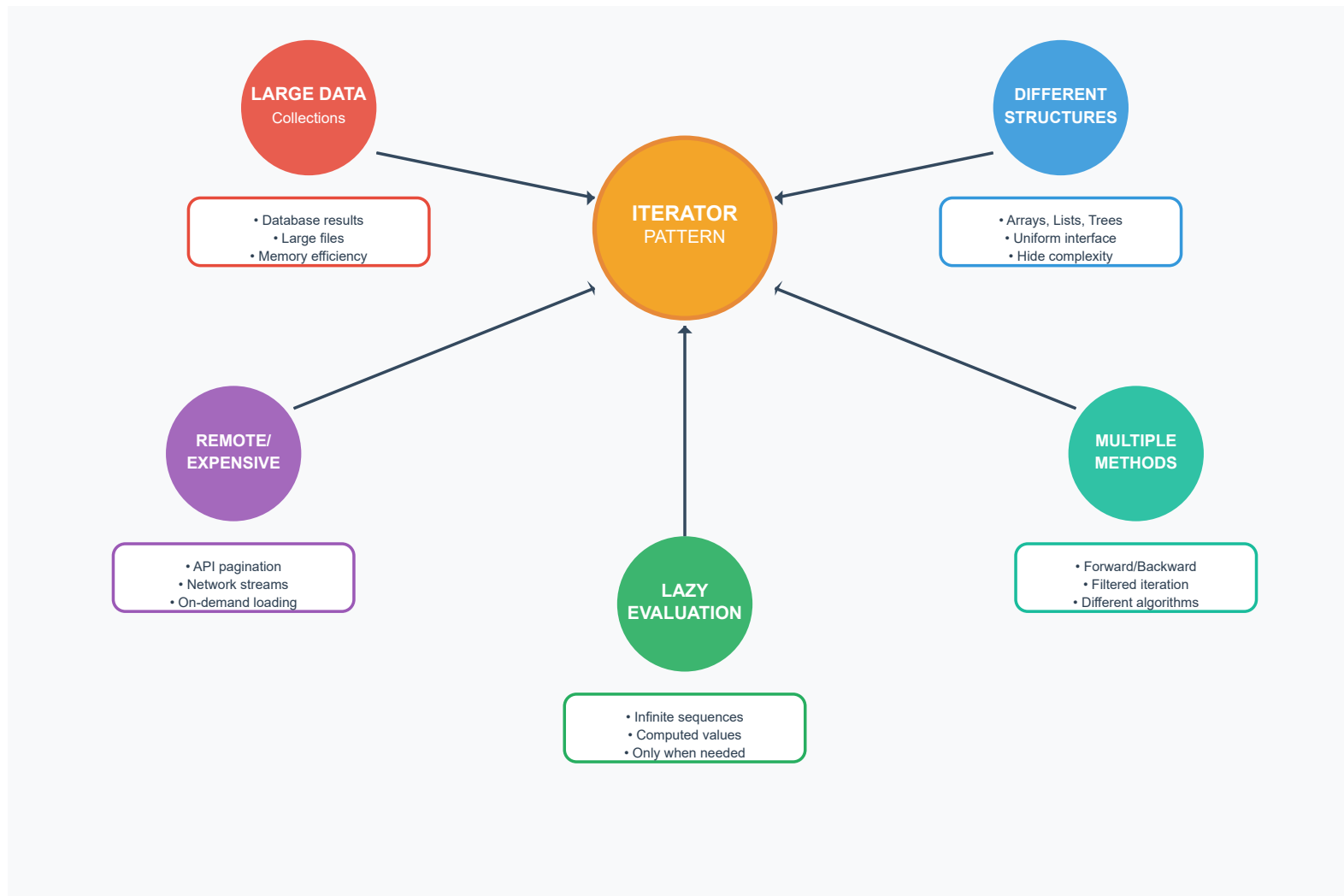


Figure 2: Quelle

2.2 Why use it?

2. Iterator pattern



Let us (Lettuce)  begin