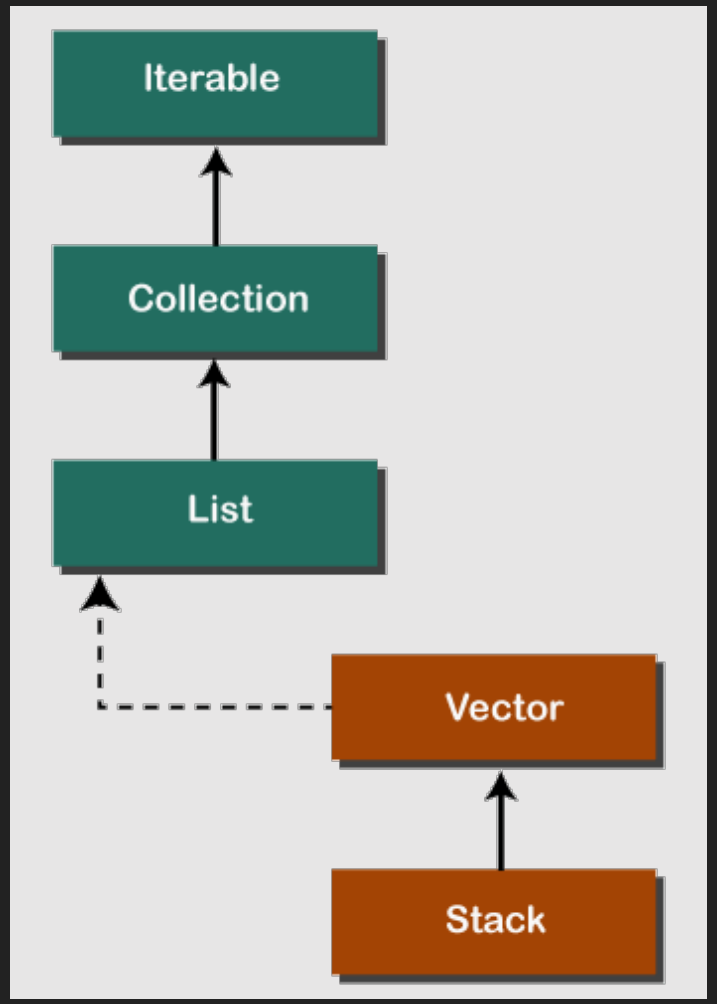
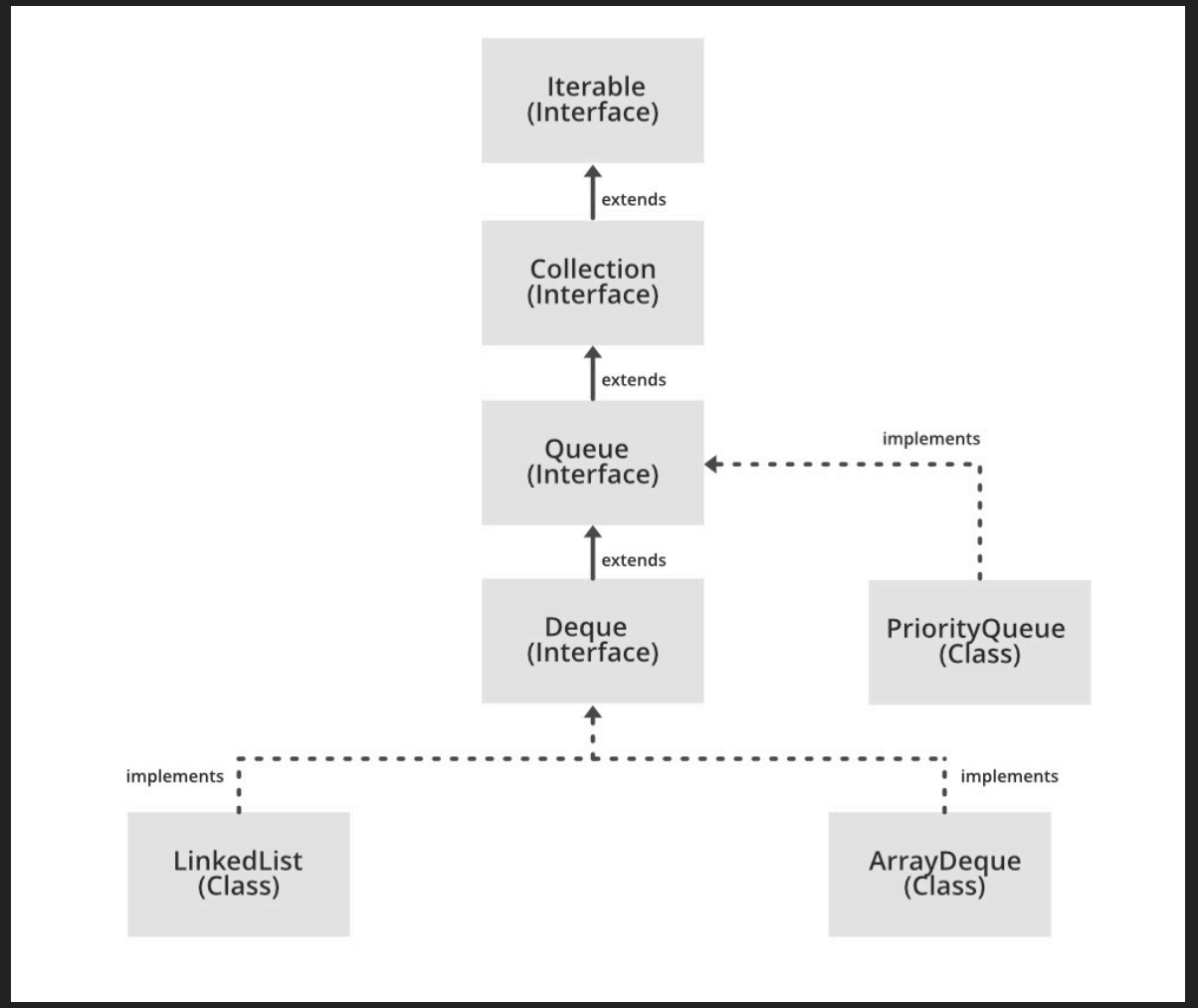
Data Structure & Algorithm

Data Structure

Stack - Queue
In Java

1. Thư viện


Iterable
Collection
List
Vector
Stack


Iterable (Interface)
extends
Collection (Interface)
extends
Queue (Interface)
implements
extends
Deque (Interface)
PriorityQueue (Class)
implements
implements
LinkedList (Class)
ArrayDeque (Class)

1. Thư viện

Stack	Queue
`import java.util.Stack;`	`import java.util.Queue;` `import java.util.LinkedList;`
`Stack<Integer> stack = new Stack<>();`	`Queue<Integer> queue = new LinkedList<>();`

2. Methods

Stack	Queue
`stack.push(1)`	`queue.add(1)`
`stack.pop()`	`queue.poll() / queue.remove()`
`stack.peek()`	`queue.peek()`
`stack.isEmpty()`	`queue.isEmpty()`

3. Test

4. Practice

- Stack: 20. Valid Parentheses

- Queue: 933. Number of Recent Calls

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