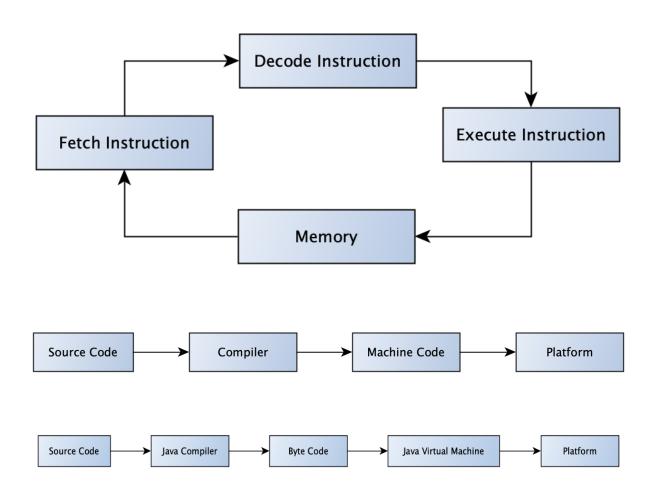
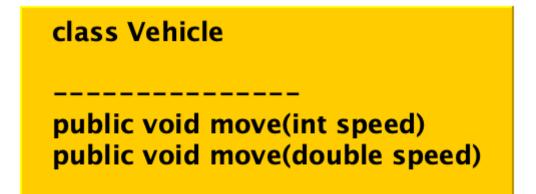
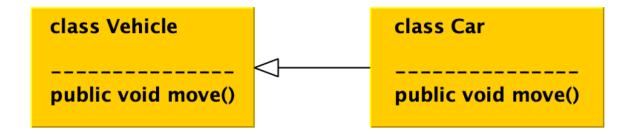
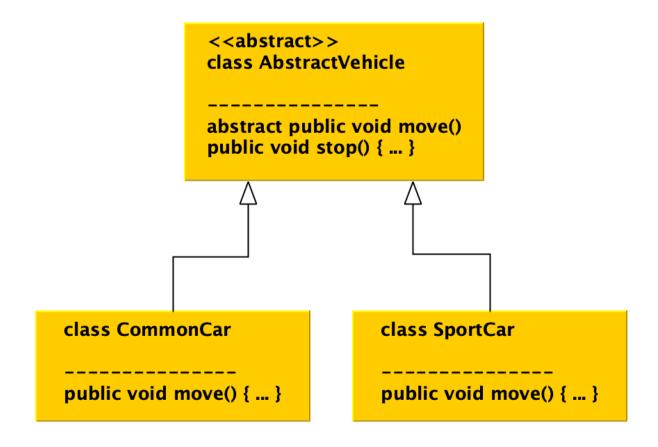
Chapter 1: Getting Into Software Design Patterns

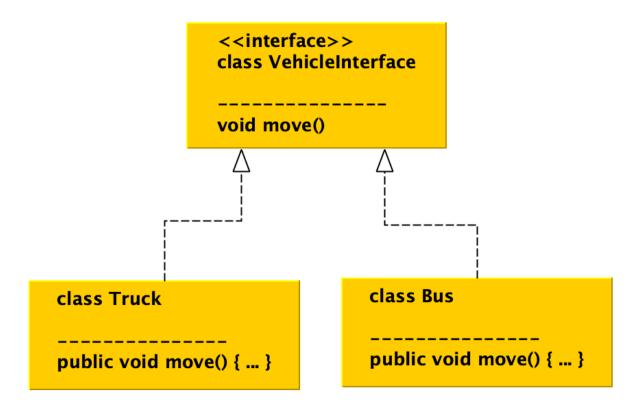


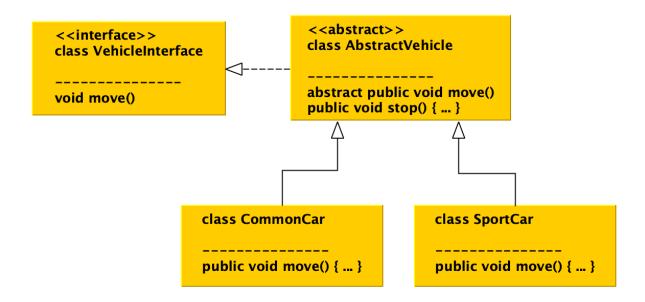


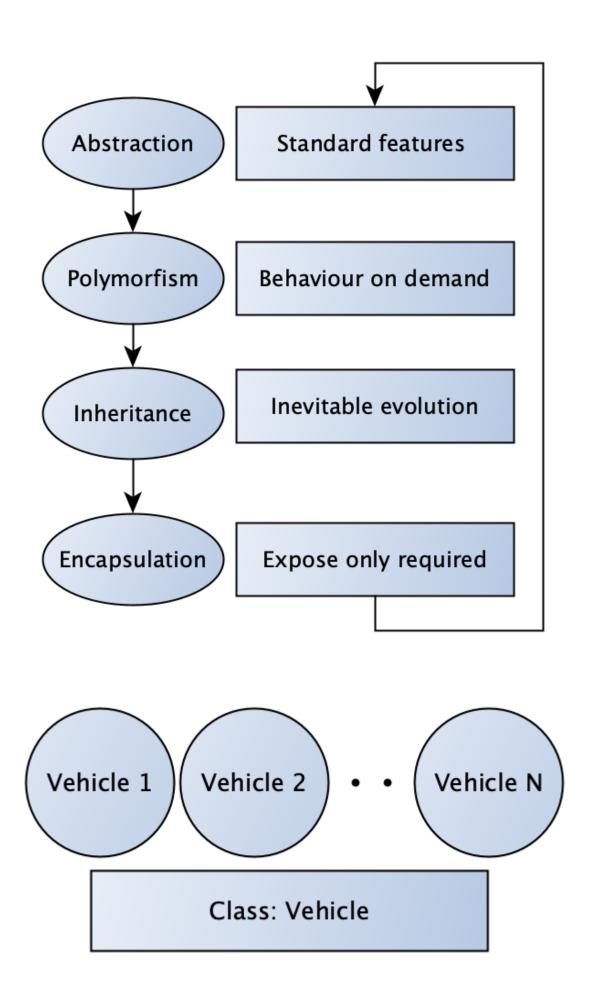
class Vehicle ----public void move(int speed) public void move(int speed, boolean forward)

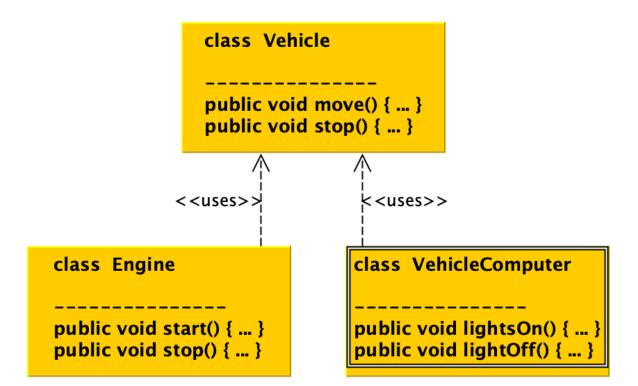






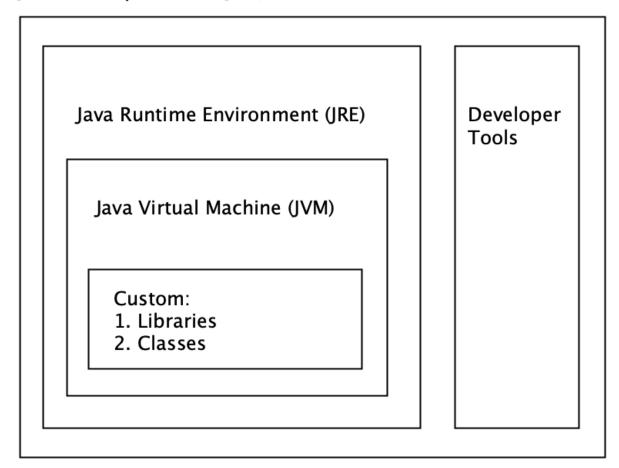




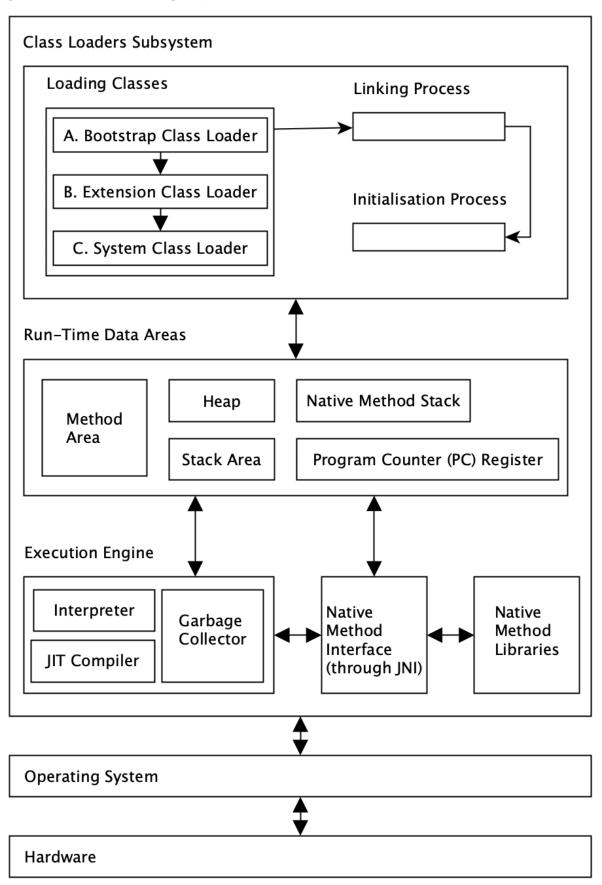


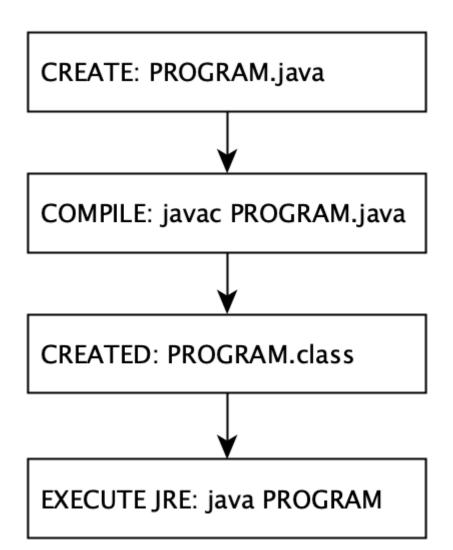
Chapter 2: Discovering the Java Platform for Design Patterns

Java Development Kit (JDK)



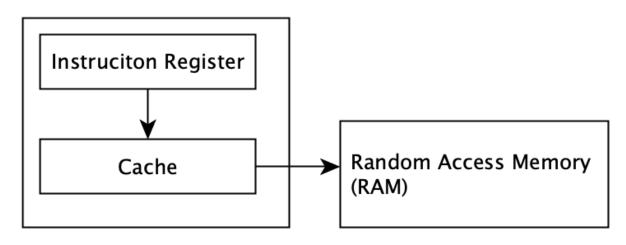
Java Virtual Machine (JVM)



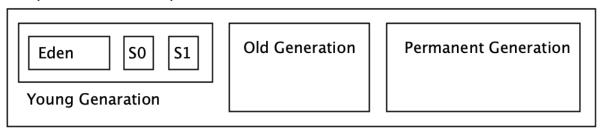


Thread	Thread Group	∨ Thread Id
C2 CompilerThread2	system	9
C1 CompilerThread0	system	10
🔎 Signal Dispatcher	system	4
🥬 Service Thread	system	5
🥬 Sweeper thread	system	11
🔊 JFR Recorder Thread	system	13
C2 CompilerThread0	system	7
🥬 Monitor Deflation Thread	system	6
№ C2 CompilerThread1	system	8
🔎 Notification Thread	system	16
🔎 Reference Handler	system	2
👂 Finalizer	system	3
🔎 JFR Periodic Tasks	main	14
🔎 main	main	1
🔎 JFR Shutdown Hook	main	15
№ Common-Cleaner	InnocuousThreadGro	up 12

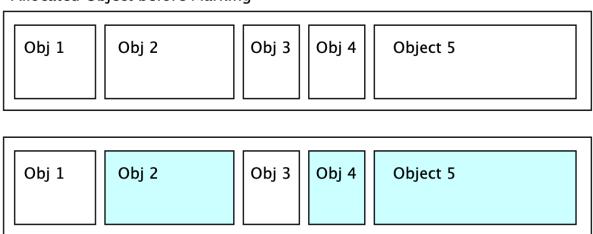
CPU



Heap strucutre - hotspot

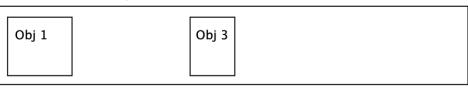


Allocated Object before Marking

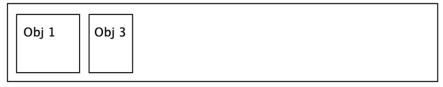


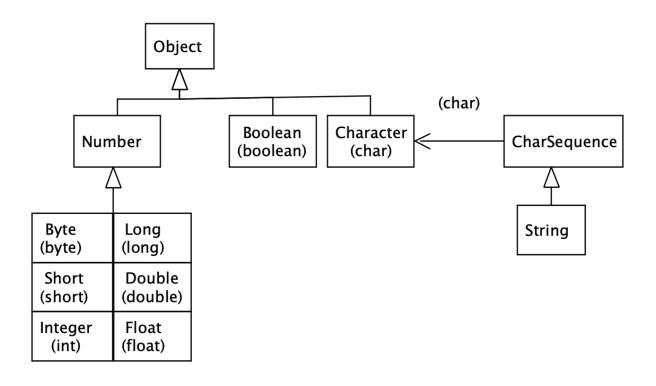
Allocated Object after Marking

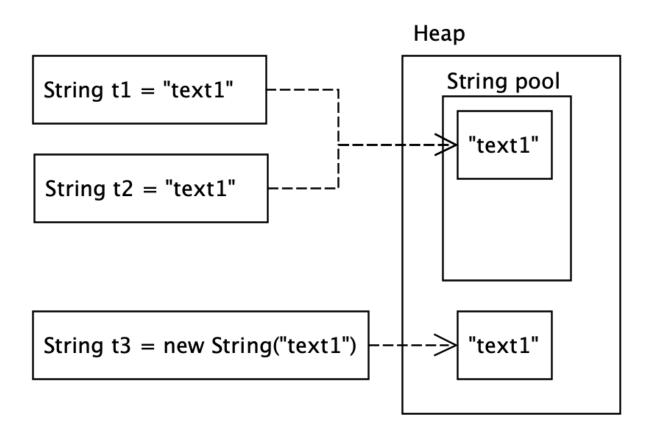


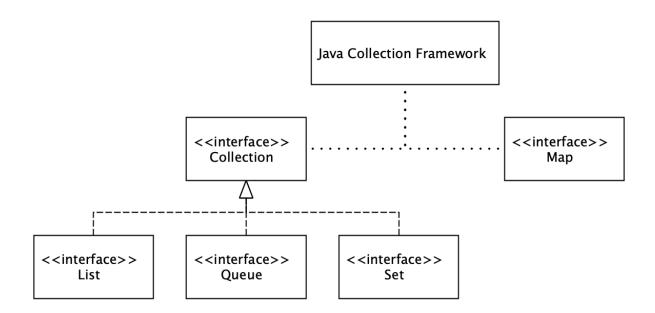


Compacting step

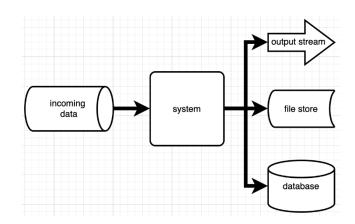


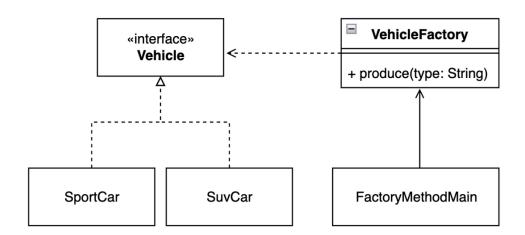


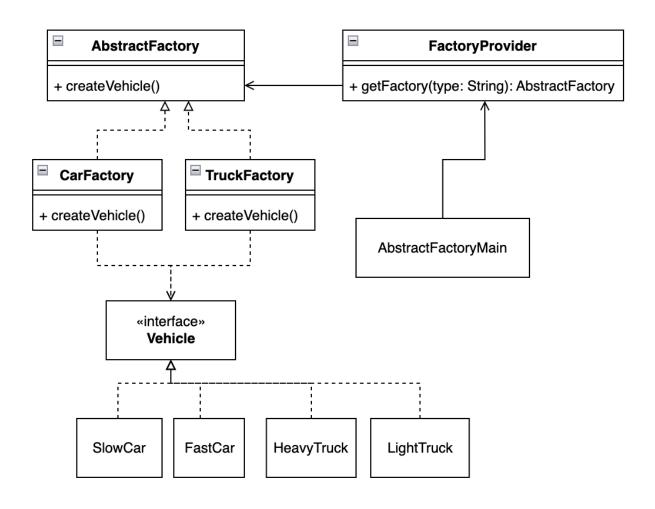


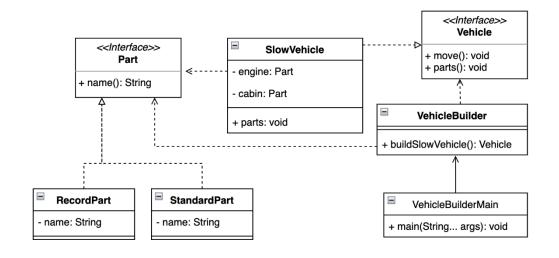


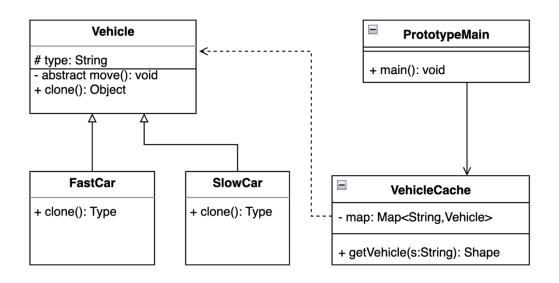
Chapter 3: Working with Creational Design Patterns

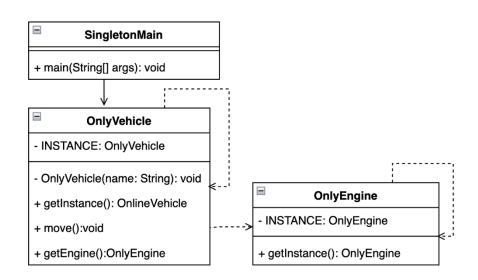


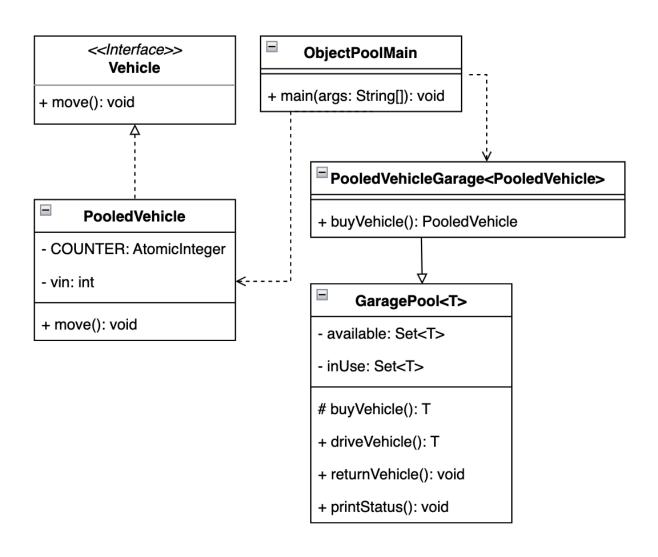


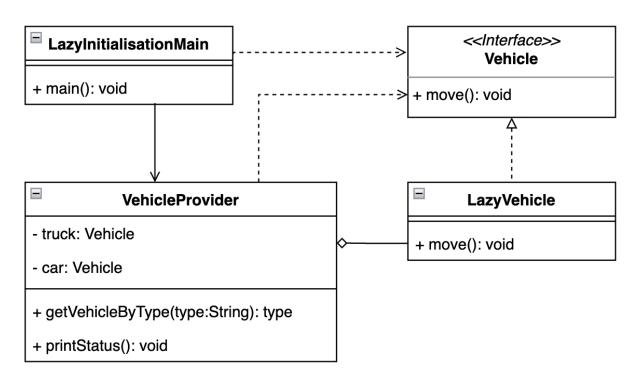


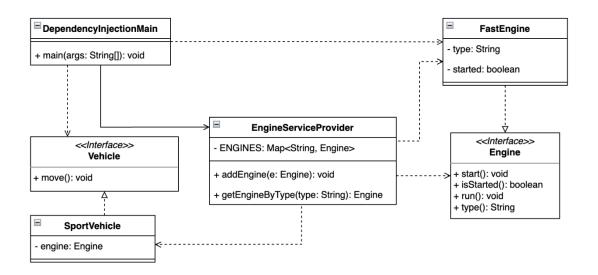




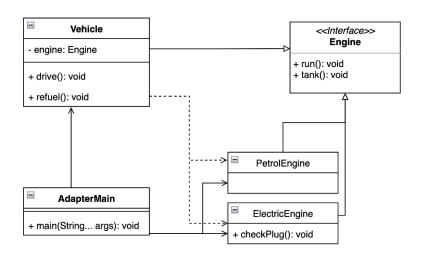


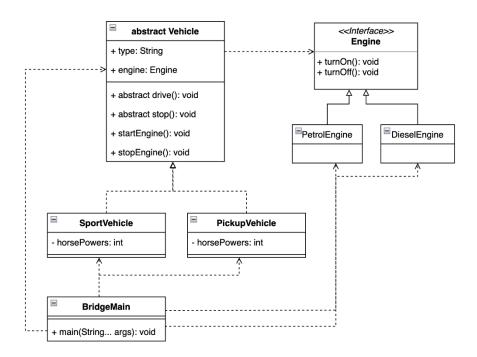


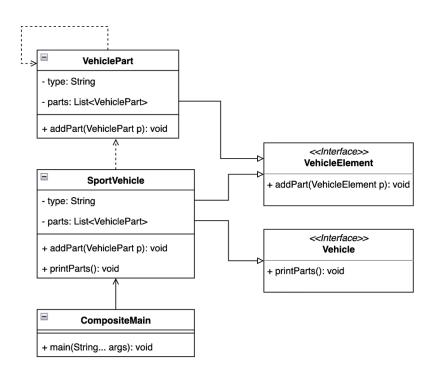


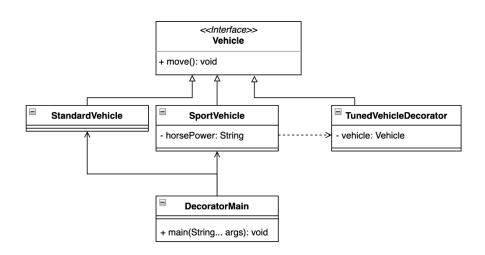


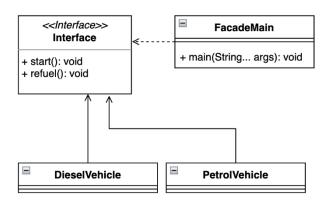
Chapter 4: Applying Structural Design Patterns

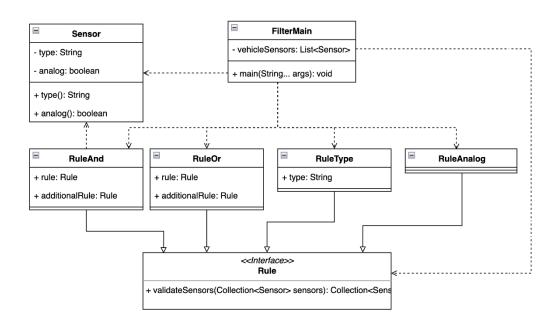


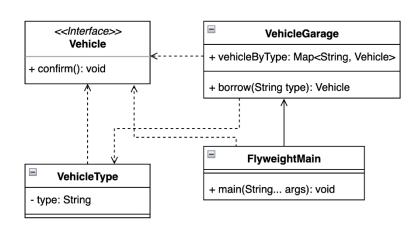


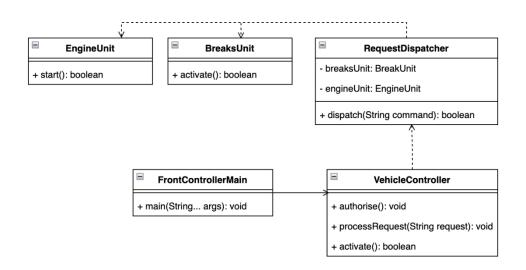


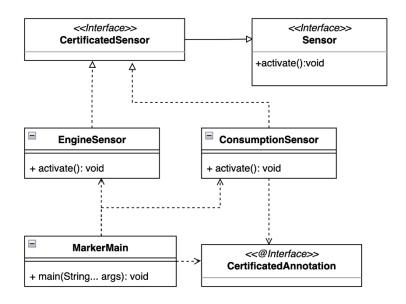


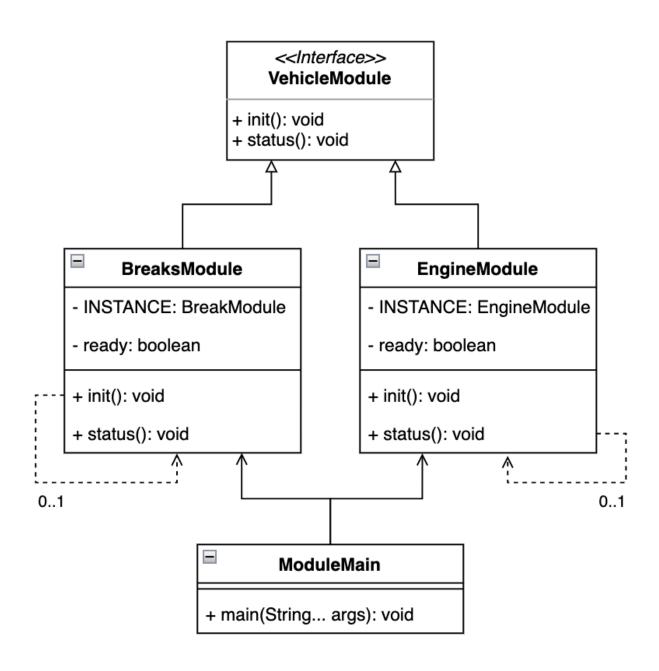


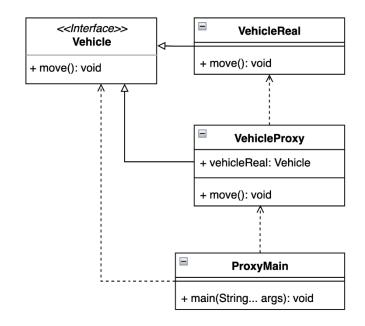


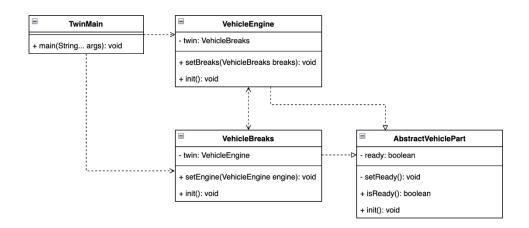




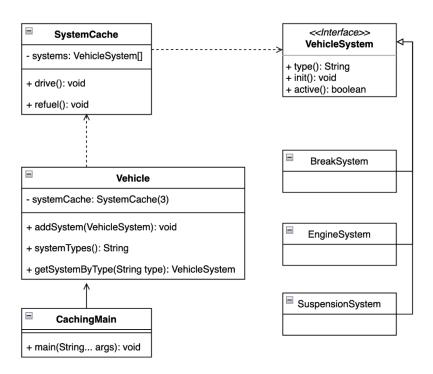


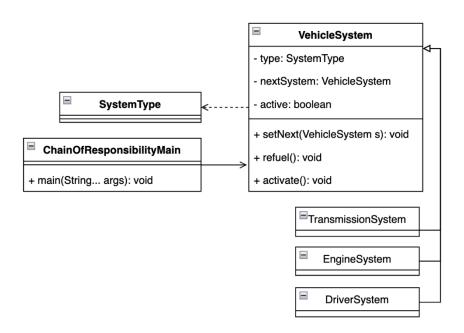


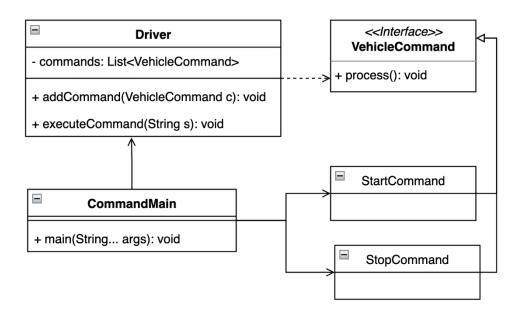


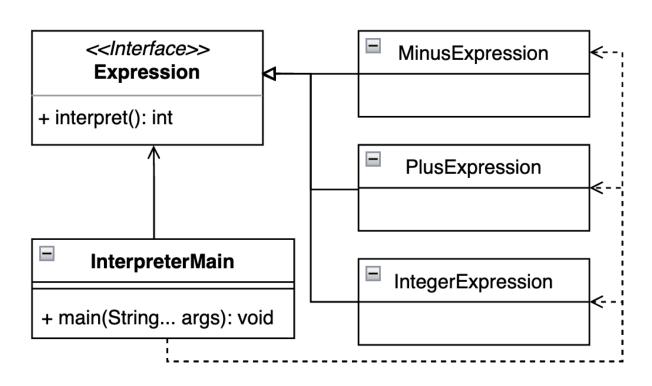


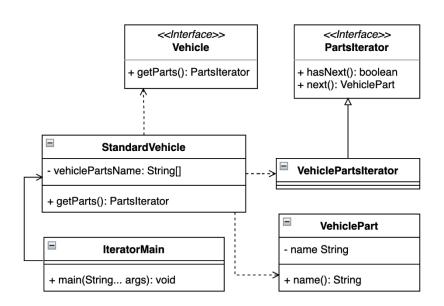
Chapter 5: Behavioral Design Patterns

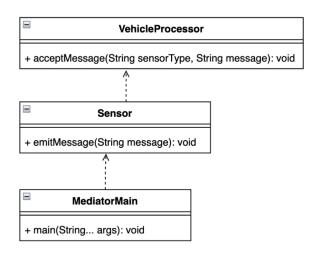


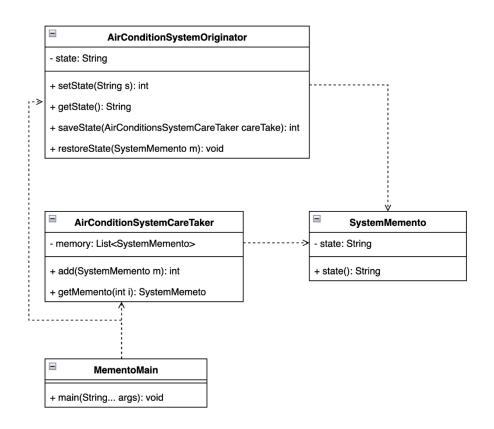


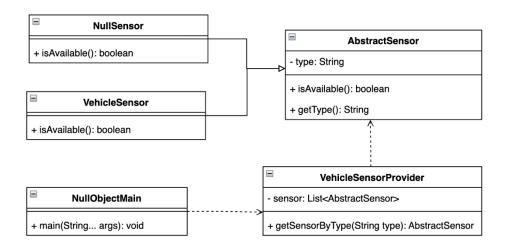


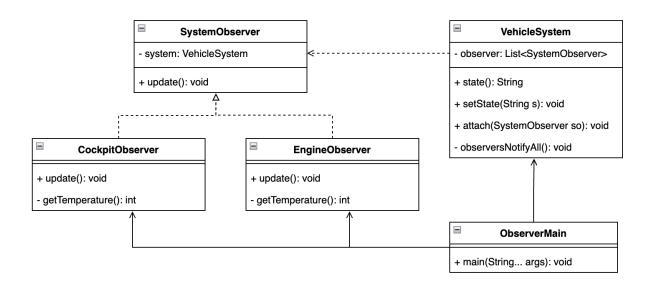


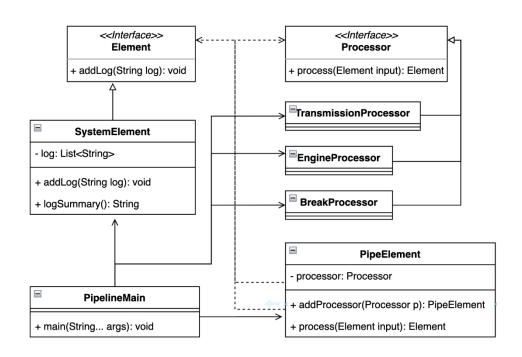


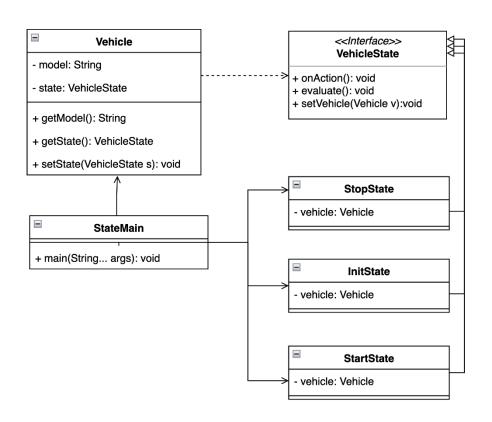


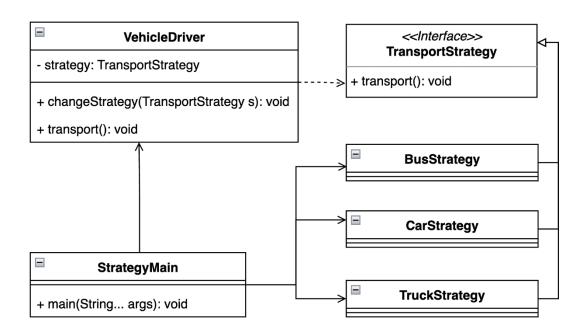


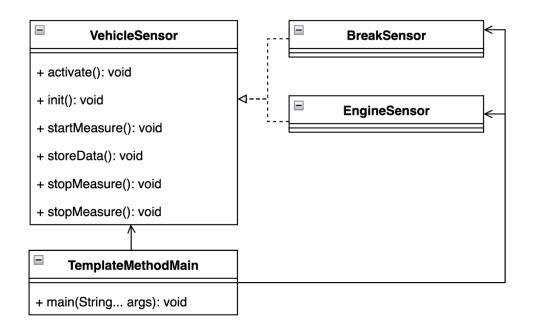


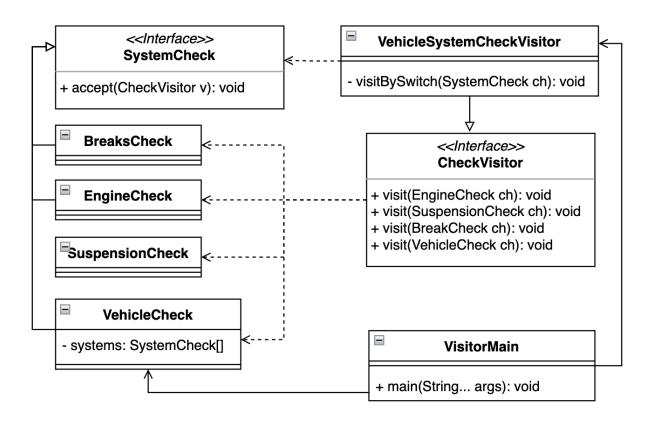




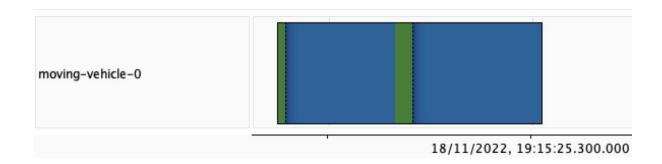


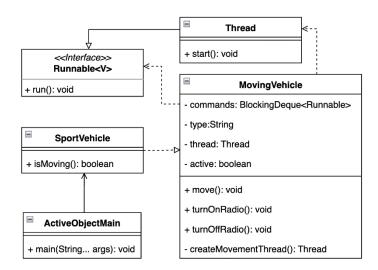


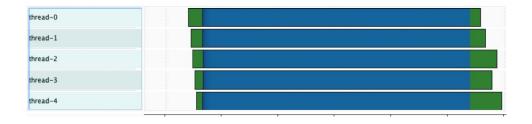


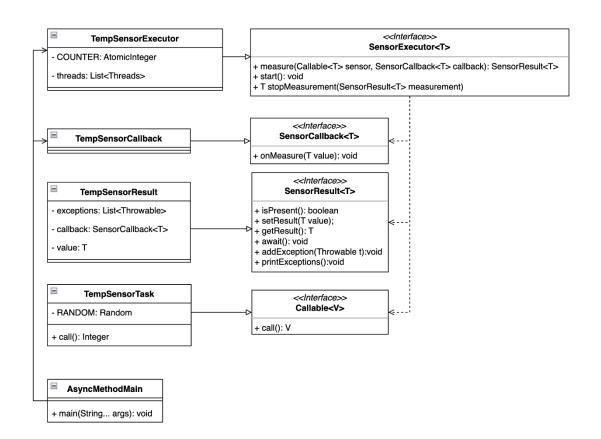


Chapter 6: Concurrency Design Patterns

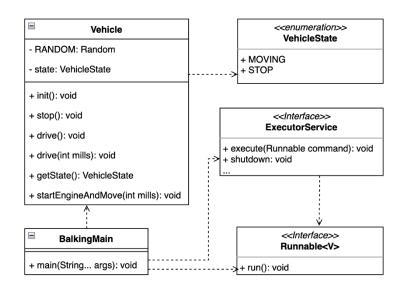


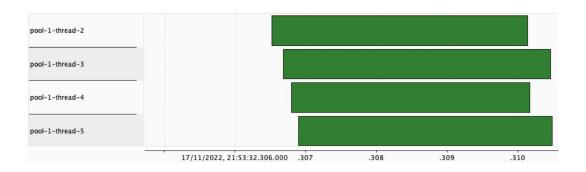


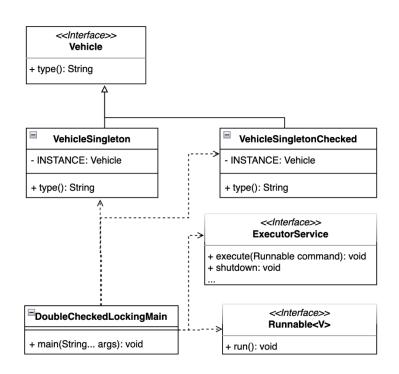


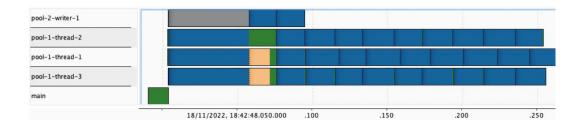


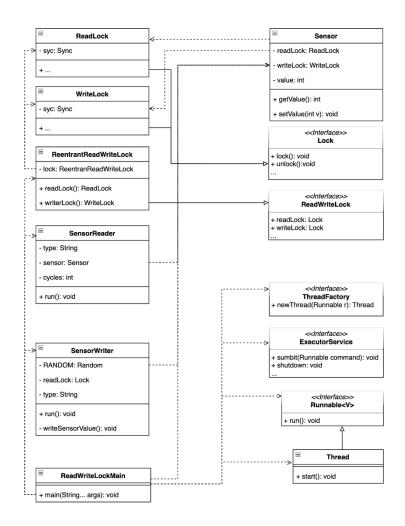


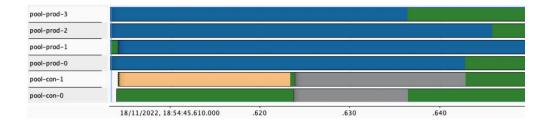


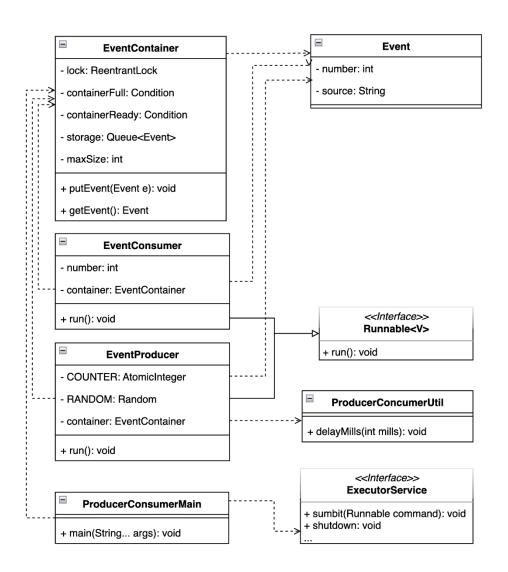


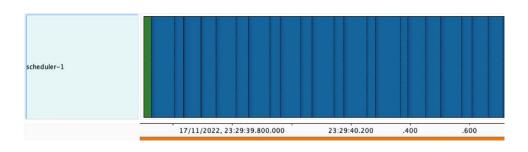


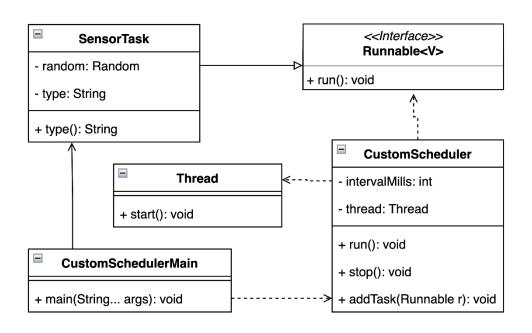


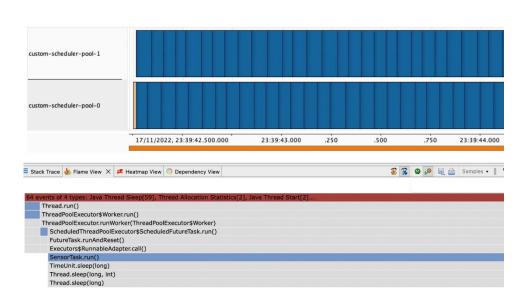


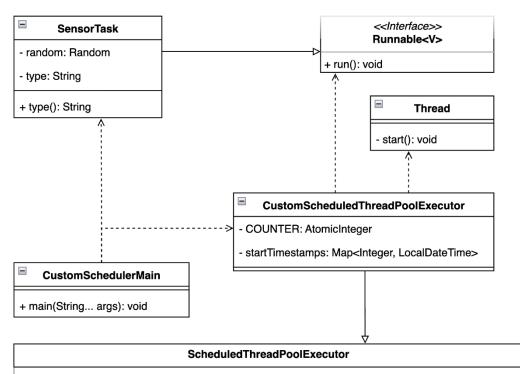






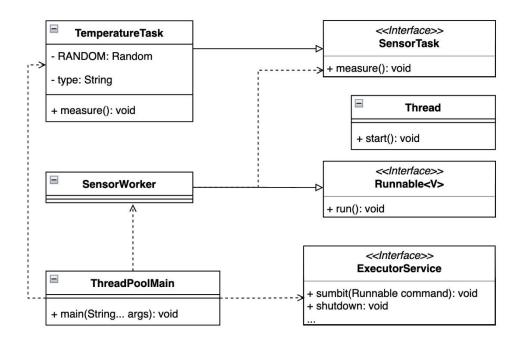




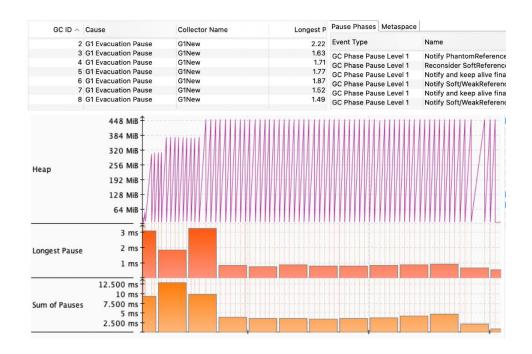


- + beforeExecute(Thread t, Runnable r): void + afterExecute(Runnable r, Throwable t): void
- + scheduledAtFixedRate(Runnable r, long initialDelay, long period, TimeUnit t):ScheduledFeature<?>
- + shutdown()





Chapter 7: Understanding Common Anti-Patterns







Method	Count ~
🖋 java.util.HashMap.putVal(int, Object, Object, boolean, boolean)	1,422
₫ java.util.HashMap.newNode(int, Object, Object, HashMap\$Node)	1,278
₫ java.util.HashMap\$HashIterator.nextNode()	930
frame chapter 07. hot_methods. Vehicle Data Container. count Intersections (Vehicle Data Contain and C	798
	440
	275
₡ java.util.HashMap.hash(Object)	121