



OBJECT ORIENTED DESIGN PATTERNS 2

EX-08

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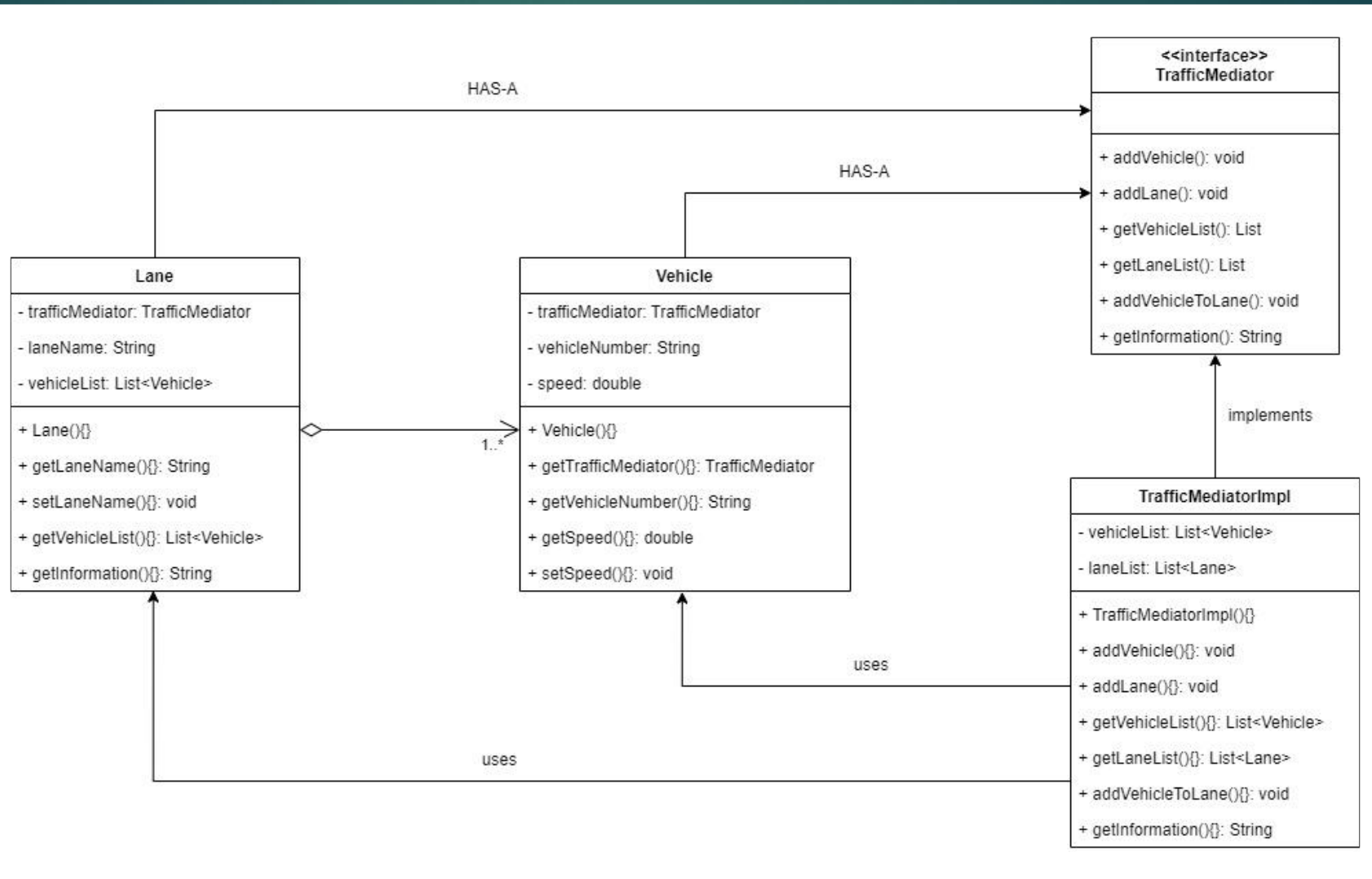
Mediator Design Pattern

- ▶ Mediator pattern falls under the behavioral pattern category.
- ▶ Mediator pattern is used to reduce communication complexity between multiple objects or classes.
- ▶ This pattern provides a mediator class which normally handles all the communications between different classes and supports easy maintenance of the code by loose coupling.

Scenario

- ▶ Write a program to demonstrate the traffic control system using the mediator design pattern for the following activities.
 - A driver can register on the traffic controlling system by using his vehicle details.
 - Customer requests traffic information from the traffic control system for a specific lane.
 - The traffic controller system collects and analyzes driving information of vehicles in that area.
 - The traffic controller system provides useful traffic information to the drivers based on the collected data.

UML Diagram





Let's go to see the Demo