Serviceable

+need_service(): bool

CarFactory

+ create_calliope(currernt_date: date, last_service: date, current_milage: int, last_service_milage: int): Car
+ create_glissade(currernt_date: date, last_service: date, current_milage: int, last_service_milage: int): Car
+ create_palindrome(currernt_date: date, last_service: date, warning_light_on: bool): Car
+ create_rorschach(currernt_date: date, last_service: date, current_milage: int, last_service_milage: int): Car
+ create_thovex(currernt_date: date, last_service: date, current_milage: int, last_service_milage: int): Car

Car

-engine: Engine
-battery: Battery

+need_service(): bool

Engine

+need_service(): bool

Battery

need_service():bool

CapuletEngine

-last_service_mileage: int
-current_milage: int

+need_service(): bool

WilloughbyEngine

-last_service_mileage: int
-current_milage: int

+need_service(): bool

SternmanEngine

-warrning_light_on: bool

+need_service(): bool

SpindlerBattery

-last_service_date: date
-current_date: date

+need_service(): bool

NubbinBattery

-last_service_date: date
-current_date: date

+need_service(): bool