Nom : AZZAIM Nisrine

Classe : 5IIR8

Etude de cas 1 :

```java
/**
 **/
15 usages
@Entity
@Data
public class Commande {
no usages
@Id
@GeneratedValue
    private Integer id ;
    no usages
    private String description ;
    no usages
    private Integer quantite ;
    no usages
    private LocalDate date ;
    no usages
    private Long montant ;
}
```

```java
/**
 **/
2 usages
@Repository
public interface CommandeDao
        extends JpaRepository<Commande, Integer> {
}
```

```java
 9        * @author azzai
10        **/
          2 usages
11       @Component
12       @ConfigurationProperties("mes-configs-ms")
13       @RefreshScope
14       @Data
15       public class ApplicationPropertiesConfiguration {
          no usages
16       private int commandes_last ;
17       }
18
```

```java
@RestController
public class CommandeController implements HealthIndicator {

    8 usages
    @Autowired
    CommandeDao commandeDao ;
    1 usage
    @Autowired
    ApplicationPropertiesConfiguration appProps ;

    no usages
    @GetMapping("/Commandes")
    public List<Commande> getAllCommandes(){
        List<Commande> commandes = commandeDao.findAll();

        if(commandes.isEmpty())
            throw new RuntimeException("Aucune commande n'est disponible");

        List<Commande> liste_commandes_limitee = commandes.stream().filter(
                commande -> {
                    LocalDate tenDaysAgo = LocalDate.now().minusDays(appProps.getCommandes_last());
                    LocalDate commandeDate = commande.getDate();
                    return !commandeDate.isBefore(tenDaysAgo) && !commandeDate.isAfter(LocalDate.now());
                }
        ).collect(Collectors.toList());
        return liste_commandes_limitee;
    }
}
```

```java
        @GetMapping("/Commandes/{id}")
        public Commande getCommandeById(@PathVariable Integer id){
            Commande commande = commandeDao.findById(id).orElse( other: null);
            if(commande==null) throw new RuntimeException("La commade correspondante à l'id "+ id + " n'exite pas :(");
            return commande;
        }


        @DeleteMapping("/Commandes/{id}")
        public void deleteCommande(@PathVariable Integer id){
            Commande commande = commandeDao.findById(id).orElse( other: null);
            if(commande==null) throw new RuntimeException("La commade correspondante à l'id "+ id + " n'exite pas :(");
            commandeDao.delete(commande);
        }


        @PutMapping("/Commandes/{id}")
        public Commande updateCommande(@RequestBody Commande commande ,
                                    @PathVariable Integer id){
            Commande old_commande = commandeDao.findById(id).orElse( other: null);
            if(commande==null) throw new RuntimeException("La commade correspondante à l'id "+ id + " n'exite pas :(");
          return commandeDao.save(commande);
        }


        @PostMapping("/Commandes")
        public Commande createCommande(@RequestBody Commande commande) { return commandeDao.save(commande); }


        @Override
        public Health health() {
            List<Commande> commandes = commandeDao.findAll();
            if(commandes.isEmpty())
                return Health.down().build();
```

```java
        @PutMapping("/Commandes/{id}")
        public Commande updateCommande(@RequestBody Commande commande ,
                                    @PathVariable Integer id){
            Commande old_commande = commandeDao.findById(id).orElse( other: null);
            if(commande==null) throw new RuntimeException("La commade correspondante à l'id "+ id + " n'exite pas :(");
          return commandeDao.save(commande);
        }


        @PostMapping("/Commandes")
        public Commande createCommande(@RequestBody Commande commande) { return commandeDao.save(commande); }


        @Override
        public Health health() {
            List<Commande> commandes = commandeDao.findAll();
            if(commandes.isEmpty())
                return Health.down().build();
            return Health.up().build();
        }
    }
```

```properties
spring.application.name = microservice-commandes
spring.cloud.config.uri = http://localhost:9101
```

```
server.port = 9001
eureka.client.serverUrl.defaultZone=http://localhost:8761/eureka/
spring.jpa.show-sql = true
spring.h2.console.enabled = true
spring.datasource.url=jdbc:h2:mem:testdb
spring.datasource.driverClassName = org.h2.Driver
spring.datasource.username = sa
spring.datasource.password =
spring.jpa.database-platform = org.hibernate.dialect.H2Dialect
spring.jpa.hibernate.ddl-auto = update
mes-configs-ms.commandes_last = 20
management.endpoints.web.exposure.include=*
#management.endpoints.web.exposure.include=refresh
```

devoir-configs-repo / **microservice-commandes.properties**

nisrinazz Update microservice-commandes.properties   63c6bc5 · 4

| Code | Blame | 13 lines (13 loc) · 529 Bytes | Code 55% faster with GitHub Copilot | Raw |

```
1    server.port = 9001
2    eureka.client.serverUrl.defaultZone=http://localhost:8761/eureka/
3    spring.jpa.show-sql = true
4    spring.h2.console.enabled = true
5    spring.datasource.url=jdbc:h2:mem:testdb
6    spring.datasource.driverClassName = org.h2.Driver
7    spring.datasource.username = sa
8    spring.datasource.password =
9    spring.jpa.database-platform = org.hibernate.dialect.H2Dialect
10   spring.jpa.hibernate.ddl-auto = update
11   mes-configs-ms.commandes_last = 20
12   management.endpoints.web.exposure.include=*
13   #management.endpoints.web.exposure.include=refresh
```

```java
package com.devoir.configserver;

import ...


@SpringBootApplication
@EnableConfigServer
public class ConfigServerApplication {

    public static void main(String[] args) { SpringApplication.run(ConfigServerApplication.class, args); }

}
```

```properties
spring.cloud.compatibility-verifier.enabled=false
spring.application.name=config-server
server.port=9101
spring.cloud.config.server.git.uri=https://github.com/nisrinazz/devoir-configs-repo.git
spring.cloud.config.server.git.default-label=main
logging.level.root=INFO
logging.level.com.mcommerce.config.server=INFO
logging.level.org.springframework.boot.web.embedded.tomcat=INFO
```

```json
[
    {
        "id": 1,
        "description": "desc2",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 23
    },
    {
        "id": 2,
        "description": "desc2",
        "quantite": 200,
        "date": "2023-12-31",
        "montant": 100
    },
    {
        "id": 3,
        "description": "desc3",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 2200
    },
    {
        "id": 6,
        "description": "desc1",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 7,
        "description": "desc7",
        "quantite": 300,
        "date": "2023-12-27",
        "montant": 22
    },
    {
        "id": 8,
        "description": "desc8",
        "quantite": 100,
        "date": "2024-01-05",
        "montant": 22
    },
    {
        "id": 9,
        "description": "desc9",
        "quantite": 200,
        "date": "2024-01-04",
        "montant": 22
    },
    {
        "id": 10,
        "description": "desc10",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 11,
        "description": "desc11",
        "quantite": 200,
        "date": "2024-01-02",
        "montant": 22
    },
    {
        "id": 12,
        "description": "desc12",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 13,
        "description": "desc13",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 14,
        "description": "desc14",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 15,
        "description": "desc15",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 16,
        "description": "desc16",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 17,
        "description": "desc17",
        "quantite": 200,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 18,
        "description": "desc18",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 19,
        "description": "desc19",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 20,
        "description": "desc20",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
```

```json
    },
    {
        "id": 18,
        "description": "desc18",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 19,
        "description": "desc19",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 20,
        "description": "desc20",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 21,
        "description": "desc21",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    }
]
```
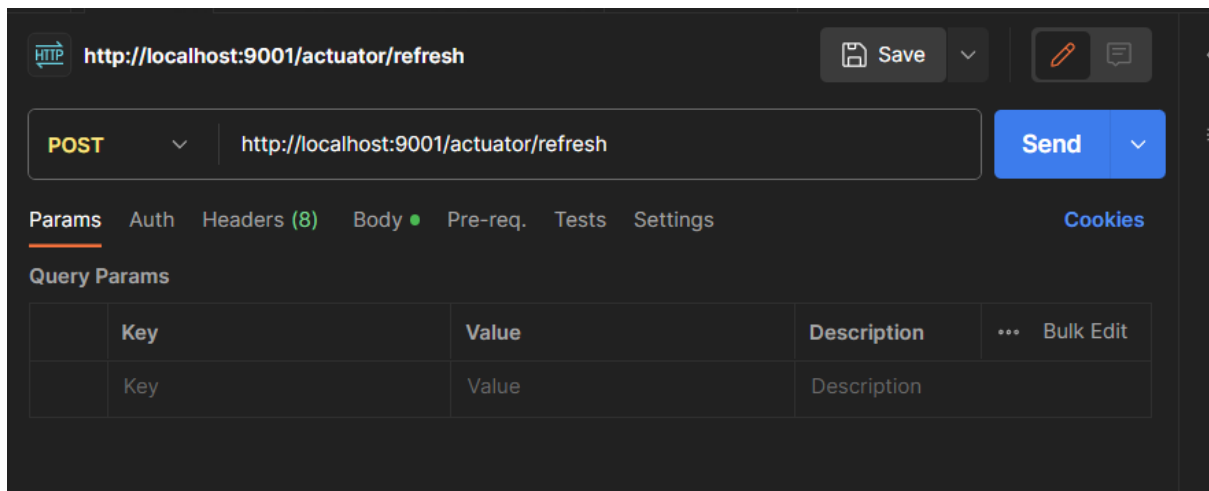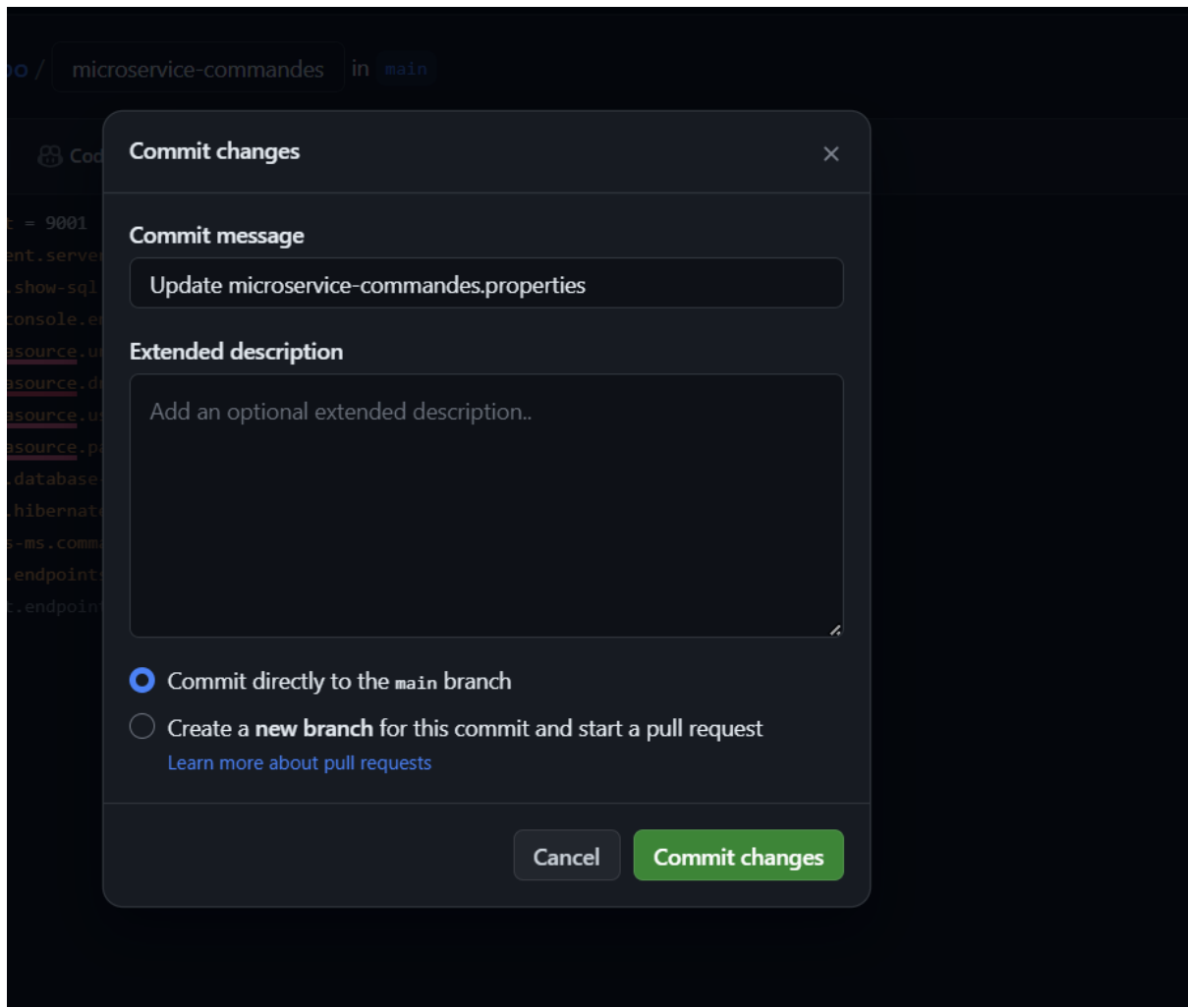
| Edit | Preview | 🐙 Code 55% faster with GitHub Copilot |

```
1   server.port = 9001
2   eureka.client.serverUrl.defaultZone=http://localhost:8761/eureka/
3   spring.jpa.show-sql = true
4   spring.h2.console.enabled = true
5   spring.datasource.url=jdbc:h2:mem:testdb
6   spring.datasource.driverClassName = org.h2.Driver
7   spring.datasource.username = sa
8   spring.datasource.password =
9   spring.jpa.database-platform = org.hibernate.dialect.H2Dialect
10  spring.jpa.hibernate.ddl-auto = update
11  mes-configs-ms.commandes_last = 20
12  management.endpoints.web.exposure.include=*
13  #management.endpoints.web.exposure.include=refresh
14
```

POST http://localhost:9001/actuator/refresh

Params Auth Headers (8) Body ● Pre-req. Tests Settings   Cookies

Query Params

	Key	Value	Description	••• Bulk Edit
	Key	Value	Description	

Body ∨   🌐 200 OK 2.82 s 249 B 💾 Save as example ••

Pretty Raw Preview Visualize   JSON ∨

1 ["mes-configs-ms.commandes_last","config.client.version"]

```json
[
    {
        "id": 1,
        "description": "desc2",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 23
    },
    {
        "id": 2,
        "description": "desc2",
        "quantite": 200,
        "date": "2023-12-31",
        "montant": 100
    },
    {
        "id": 3,
        "description": "desc3",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 2200
    },
    {
        "id": 6,
        "description": "desc1",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 7,
        "description": "desc7",
        "quantite": 300,
        "date": "2023-12-27",
        "montant": 22
    },
    {
        "id": 8,
        "description": "desc8",
        "quantite": 100,
        "date": "2024-01-05",
        "montant": 22
    },
    {
        "id": 9,
        "description": "desc9",
        "quantite": 200,
        "date": "2024-01-04",
        "montant": 22
    },
    {
        "id": 10,
        "description": "desc10",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 11,
        "description": "desc11",
        "quantite": 200,
        "date": "2024-01-02",
        "montant": 22
```

```json
    {
        "id": 11,
        "description": "desc11",
        "quantite": 200,
        "date": "2024-01-02",
        "montant": 22
    },
    {
        "id": 12,
        "description": "desc12",
        "quantite": 100,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 13,
        "description": "desc13",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 14,
        "description": "desc14",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 15,
        "description": "desc15",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 16,
        "description": "desc16",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 17,
        "description": "desc17",
        "quantite": 200,
        "date": "2024-01-01",
        "montant": 22
    },
    {
        "id": 18,
        "description": "desc18",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 19,
        "description": "desc19",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
```

```json
    },
    {
        "id": 19,
        "description": "desc19",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 20,
        "description": "desc20",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 21,
        "description": "desc21",
        "quantite": 200,
        "date": "2023-12-29",
        "montant": 22
    },
    {
        "id": 22,
        "description": "desc22",
        "quantite": 200,
        "date": "2023-12-18",
        "montant": 22
    },
    {
        "id": 23,
        "description": "desc23",
        "quantite": 200,
        "date": "2023-12-19",
        "montant": 22
    },
    {
        "id": 24,
        "description": "desc23",
        "quantite": 200,
        "date": "2023-12-17",
        "montant": 22
    },
    {
        "id": 25,
        "description": "desc23",
        "quantite": 200,
        "date": "2023-12-22",
        "montant": 22
    }
]
```

localhost:9001/actuator/health

```
1  {
2      "status": "UP"
3  }
```


jdbc:h2:mem:testdb

COMMANDE
INFORMATION_SCHEMA
Sequences
Users
H2 2.2.224 (2023-09-17)

Run | Run Selected | Auto complete | Clear | SQL statement:

delete from commande

delete from commande;
Update count: 28
(4 ms)

localhost:9001/actuator/health

```
1  {
2      "status": "DOWN"
3  }
```