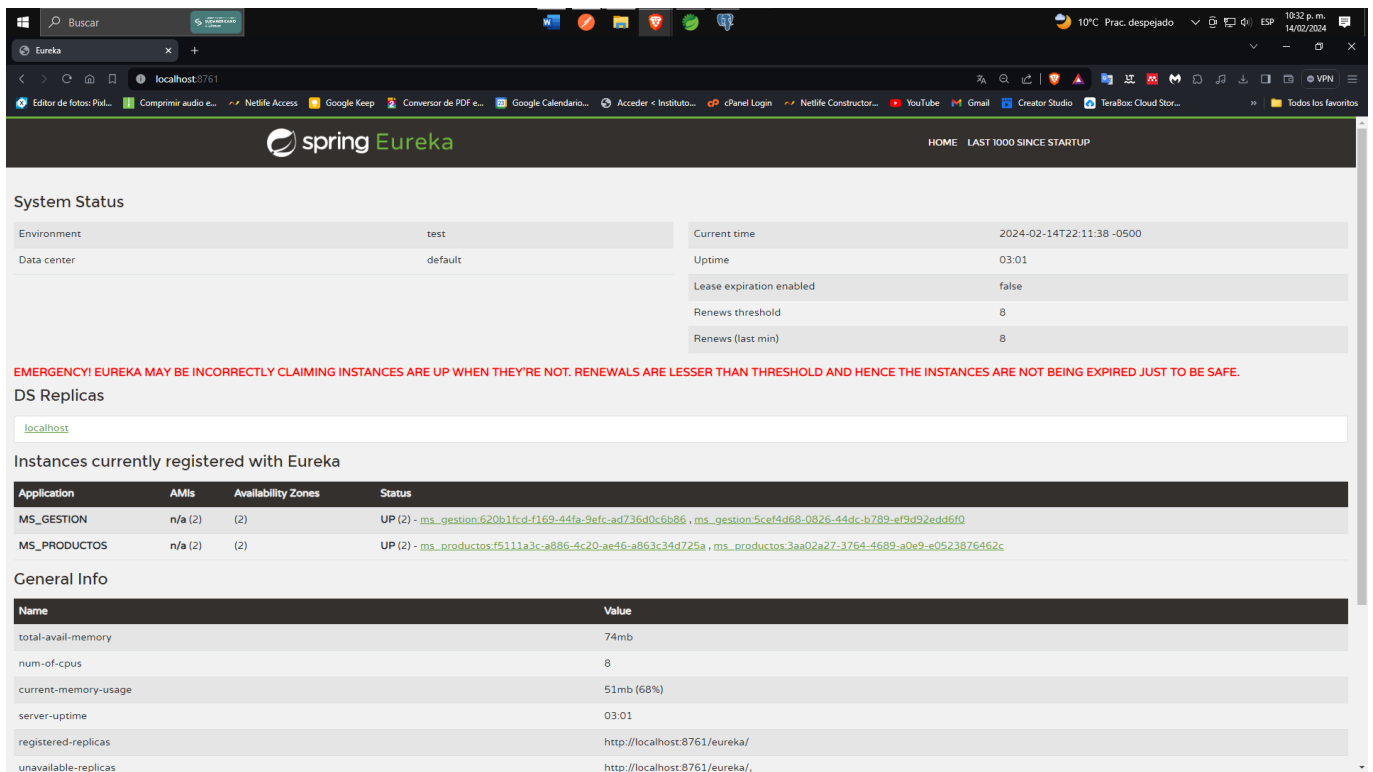


DEPARTAMENTO: Ciencias de la Ingeniería
CARRERA: Sistemas de Información
CURSO: Séptimo **PARALELO:** "B "
ASIGNATURA: Microservicios

PROFESOR: Mg. Mario Rubén Pérez Cargua
ESTUDIANTE: Diego Josue Gálvez Sánchez
DESCRIPCIÓN: Tarea Semana 3

TEMA: Configurar los microservicios de los proyectos del deber y enviar evidencia en PDF de su funcionalidad

Evidencia del funcionamiento de los microservicios producto y gestión los cuales ya están conectados al servidor Eureka.



The screenshot displays the Spring Eureka web interface in a browser window. The address bar shows 'localhost:8761'. The interface includes a navigation bar with the 'spring Eureka' logo and a 'HOME' link. Below the navigation bar, the 'System Status' section provides details about the environment (test), data center (default), current time (2024-02-14T22:11:38 -0500), uptime (03:01), lease expiration (disabled), renew threshold (8), and renew interval (8 minutes). A red warning message states: 'EMERGENCY! EUREKA MAY BE INCORRECTLY CLAIMING INSTANCES ARE UP WHEN THEY'RE NOT. RENEWALS ARE LESSER THAN THRESHOLD AND HENCE THE INSTANCES ARE NOT BEING EXPIRED JUST TO BE SAFE.' The 'DS Replicas' section shows 'localhost' as the data center. The 'Instances currently registered with Eureka' section lists two applications: 'MS_GESTION' and 'MS_PRODUCTOS', both with 2 instances in the 'UP' state. The 'General Info' section provides various system metrics such as total available memory (74mb), number of CPUs (8), current memory usage (51mb, 68%), server uptime (03:01), registered replicas (http://localhost:8761/eureka/), and unavailable replicas (http://localhost:8761/eureka/).

Application	AMIs	Availability Zones	Status
MS_GESTION	n/a (2)	(2)	UP (2) - ms_gestion:620b1fcd-f169-44fa-9efc-ad736d0c6b86, ms_gestion:5cef4d68-0826-44dc-b789-ef9d92edd6f0
MS_PRODUCTOS	n/a (2)	(2)	UP (2) - ms_productos:f511a3c-a886-4c20-ae46-a863c34d725a, ms_productos:3aa02a27-3764-4689-a0e9-e0523876462c

Name	Value
total-avail-memory	74mb
num-of-cpus	8
current-memory-usage	51mb (68%)
server-uptime	03:01
registered-replicas	http://localhost:8761/eureka/
unavailable-replicas	http://localhost:8761/eureka/

Creación de las 5 entidades en la base PostgreSQL que pertenece al micro servicio de gestión, donde se puede observar el correcto funcionamiento de los dos microservicios y el servidor Eureka

The screenshot displays an IDE with a project named 'ProyectoGeneral' and a package 'com.uisrael.mgestion'. The Package Explorer on the left shows the project structure, including controllers, models, repositories, and services. The main editor shows five Java files: 'Horarios.java', 'Rutas.java', 'Locales.java', 'Bodega.java', and 'Empleado.java'. Each file contains a class implementing a repository interface, with fields for various attributes and methods for CRUD operations. The console at the bottom shows a log of the application's startup, including the time taken to resolve Eureka endpoints via configuration.

```
2024-02-14T21:00:28.769-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
2024-02-14T21:00:28.781-05:00 [INFO] [main] --- [ms_productos] [trap-executor-0] c.n.d.s.r.aws.ConfigClusterResolver : Resolving eureka endpoints via configuration
```

Ingreso de Datos a la Base PostgreSQL desde Postman

