



BUSTRACKER

APLICACIÓN PARA VER LOS TIEMPOS DEL TRANSPORTE PUBLICO

Roberto Blázquez Martín

TECNOLOGIAS

- Ktor
- React
- Mongo
- Docker
- Nginx

KTOR



Ktor es un marco de desarrollo de aplicaciones web en Kotlin. Proporciona un conjunto de herramientas y características que permiten crear rápidamente aplicaciones web y API.

¿POR QUÉ KTOR?

- Ktor permite desarrollar apis rápido y además tiene mucho mejor rendimiento que alternativas sus alternativas como Spring.

REACT



- React es una biblioteca de JavaScript utilizada para construir interfaces de usuario interactivas y reactivas.

¿POR QUÉ REACT?

- Eficiencia y rendimiento
- Componentes reutilizables
- Gran ecosistema y comunidad
- Multiplataforma

MONGO



- MongoDB es una base de datos NoSQL (No Relacional) que se caracteriza por su enfoque en la escalabilidad, la flexibilidad y el almacenamiento.

¿POR QUÉ MONGO?

- Flexibilidad en el esquema de datos
- Escalabilidad horizontal
- Consultas flexibles

BACKEND

- Tiempos de las paradas de bus
- Localización de los autobuses
- Tiempos de las estaciones de metro
- Usuarios
- Autenticación
- Paradas Favoritas

TIEMPOS BUS

- ¿Dónde obtengo los datos?
- Normalizar los datos

OBTENCIÓN DATOS



```
3 public class WebServices
4 {
5     public static String key = null;
6     private static Date lastKey;
7     public static String privateKey = "pruebapruebapruebapruebaprueba12";
8     public static String server = "http://www.citram.es:8080/WSMultimodalInformation/MultimodalInformation.svc?wsdl";
9     static final String serverV2_viejo = "http://sbit1.crtm.es:50080/spai-crtm/srv/prepago/venta/";
10    static final String serverV2pre = "http://www.citram.es:50081/VENTAPREPAGOTITULO/VentaPrepagoTitulo.svc?wsdl";
11    public static final String server_dev = "http://www.citram.es:8080/WSMultimodalInformation_DEV/MultimodalInformation.svc?wsdl";
12    public static final String server_pre = "http://www.citram.es:8080/WSMultimodalInformation_TEST/MultimodalInformation.svc?wsdl";
13    public static final String server_pro = "http://www.citram.es:8080/WSMultimodalInformation/MultimodalInformation.svc?wsdl";
14 }
```

GENERAR SOAP

```
implementation("com.sun.xml.ws:jaxws-tools:4.0.1")
```

```
task( name: "wsimport-myservice") {  
    group = BasePlugin.BUILD_GROUP  
    val destDir = file( path: "$projectDir/src/main/java")  
    destDir.mkdirs()  
    val sourceDestDir = file( path: "$projectDir/src/main/java")  
    sourceDestDir.mkdirs()  
    doLast {  
        ant.withGroovyBuilder {  
            "taskdef"( ...keywordArguments:  
                "name" to "wsimport",  
                "classname" to "com.sun.tools.ws.ant.WsImport",  
                "classpath" to jaxws.asPath  
            )  
  
            "wsimport"( ...keywordArguments:  
                "keep" to true,  
                "sourcedestdir" to sourceDestDir,  
                //"destDir" to destDir, already compiled java classes, not needed  
                "package" to "crtm.soap",  
                "wsdl" to "http://www.citram.es:8080/WSMultimodalInformation/MultimodalInformation.svc?wsdl",  
            ) {  
                "xjcarg"( ...keywordArguments: "value" to "-XautoNameResolution")  
            }  
        }  
    }  
}
```

CONSUMIR SOAP

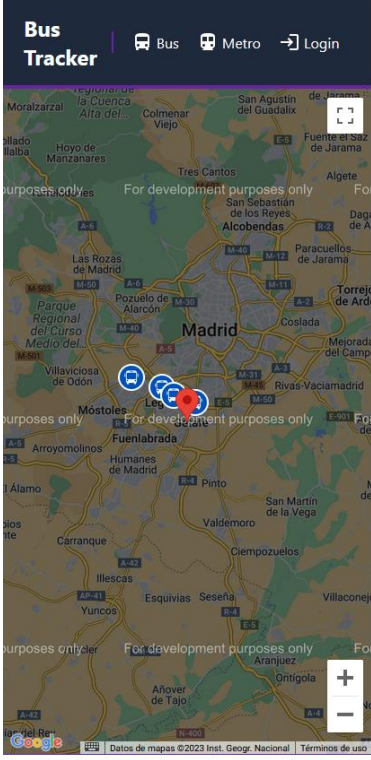
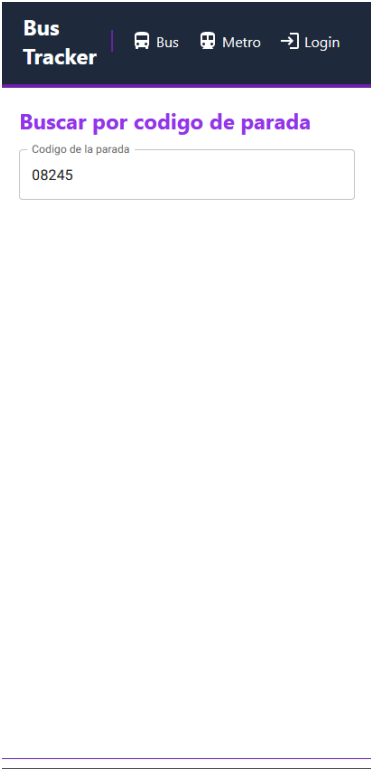
```
💡  
val defaultClient = MultimodalInformation_Service().basicHttp  
  
val privateKey = "pruebapruebapruebapruebaprueba12".toByteArray()  
👤 Roberto Blázquez  
fun MultimodalInformation.auth(): AuthHeader {  
    val key = getPublicKey(PublicKeyRequest())  
    return authHeader(key.key.toByteArray(), privateKey)  
}
```

```
fun getStopTimes(stopCode: String, codMode: String?): ShortStopTimesResponse? {  
    val request = ShortStopTimesRequest().apply {  
        codStop = stopCode  
        type = 1  
        orderBy = 2  
        stopTimesBuIti = 3  
        authentication = defaultClient.auth()  
    }  
    💡 if (codMode != null) request.codMode = codMode  
    return defaultClient.getShortStopTimes(request)  
}
```

EXPONER LOS ENDPOINTS

```
fun Route.stopsRouting() = route( path: "/stops") {  
    get( path:("/{stopCode}/times") {  
        val stopCode = createStopCode( codMode: "8", call.parameters["stopCode"]!!)  
        val codMode = call.request.queryParameters["codMode"]  
        val timedVCached = try {  
            withTimeout(20.seconds) {  
                val stopTimes = CoroutineScope(Dispatchers.IO).async { getStopTimes(stopCode, codMode) }.await()  
                stopTimes?.stopTimes?.times?.shortTime?.map(::buildStopTimesJson)?.asJson()?.timed()  
            } ?: stopTimesCache.get(stopCode)  
        } catch (e: Exception) {  
            if (e is TimeoutCancellationException) stopTimesCache.get(stopCode)  
            else null  
        } ?: return@get call.respond(HttpStatusCode.BadRequest)  
  
        stopTimesCache.put(stopCode, timedVCached)  
  
        val json = jObject {  
            "data" += timedVCached.value  
            "lastTime" += timedVCached.createdAt.toEpochMilli()  
        }  
        call.respondText(json.serialized(), ContentType.Application.Json)  
    }  
}
```

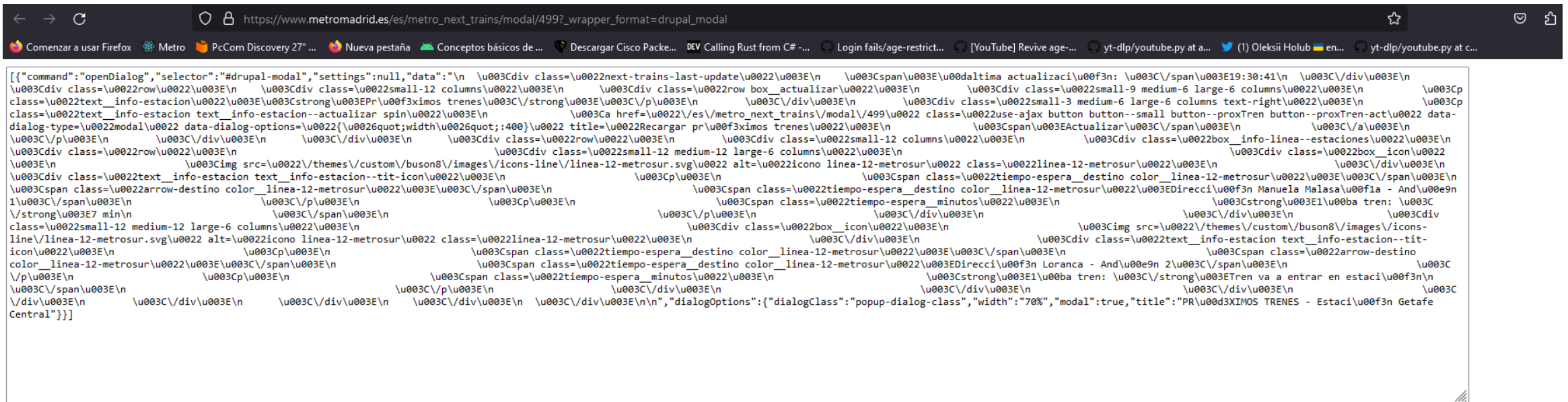
FRONT



TIEMPO METRO

- ¿Dónde obtengo los datos?
- Normalizar los datos

OBTENCIÓN DATOS



OBTENCIÓN DATOS

The screenshot shows a GitHub repository for 'Caul58 / ScriptableElements'. The file 'libs/TransportTiming.js' is open, showing JavaScript code for fetching metro timing data. The code includes comments and a function 'metroTiming' that uses 'fetch' to get data from a specific API endpoint. The file is 46 lines long, 36 lines of code, and 1.61 KB in size. A 'Symbols' panel on the right shows a function 'metroTiming'.

Caul58 / ScriptableElements Public

Watch 3 Fork 0 Star 2

Code Issues Pull requests Actions Projects Security Insights

Code

9f64be4

Go to file

libs

- TransportTiming.js
- BarrioPilarMetroTiming.js
- LICENSE
- PuertaArgandaMetroTiming.js
- README.md

ScriptableElements / libs / TransportTiming.js

Caul58 Update libs/TransportTiming.js 9f64be4 · 5 years ago History

Code Blame 46 lines (36 loc) · 1.61 KB

Raw Copy Download Edit

```
1 // Variables used by Scriptable.
2 // These must be at the very top of the file. Do not edit.
3 // icon-color: red; icon-glyph: bus-alt; share-sheet-inputs: plain-text;
4 var metroTiming = async function (station, presentUI, callback) {
5
6   let req = new Request("https://serviciosapp.metromadrid.es/servicios/rest/teleindicadores/" + station + "?")
7   req.headers = {"Accept": "application/json"}
8   let json = await req.loadJSON()
9
10  let array = json["Vtelindicadores"]
11  let table = new UITable()
```

Symbols

Find definitions and references for functions and other symbols in this file by clicking a symbol below or in the code.

Filter symbols

func metroTiming

CONSUMIR API

```
fun urlBuilder() = HttpUrl.Builder()
    .scheme("https")
    .host("serviciosapp.metromadrid.es")
    .addPathSegment(pathSegment: "servicios")
    .addPathSegment(pathSegment: "rest")
    .addPathSegment(pathSegment: "teleindicadores")

Roberto <unknown> +1

fun getTimes(id: String? = null): JsonNode? {
    val url = urlBuilder()
        .also { if (id != null) it.addPathSegment(id) }
        .build()


    val request = Request.Builder()
        .url(url)
        .get()
        .addHeader(name: "Accept", value: "application/json")
        .build()
```

FRONT

Bus Tracker |  Bus  Metro  Login

Buscar por estacion

Nombre de la estacion
Leganes

Bus Tracker |  Bus  Metro  Login

Leganés Central

Linea 12
Anden 1
- 3 minutos
- 11 minutos

Linea 12
Anden 2
- 2 minutos
- 10 minutos

USUARIOS

- Registro
- Inicio de sesión
- Verificar
- Restaurar contraseña

REGISTRO

- Introduce los datos
- Se validan y se envía el correo
- Usuario verifica su cuenta


REGISTRO


- Bcrypt para la contraseña
- Enviar correo


```
35
36 post("/register") {
37     val user = call.receiveText().deserialized()
38     val backUrl = call.request.queryParameters["backUrl"]?.also { URLEncoder.encode(it, "utf-8") }
39     ?: return@post badRequest("Missing backUrl")
40     val redirectUrl = call.request.queryParameters["redirectUrl"]?.also { URLEncoder.encode(it, "utf-8") }
41     ?: return@post badRequest("Missing redirectUrl")
42
43     val userTyped = User(
44         username = user["username"].asString()
45         .validateUsername()
46         .getOrElse { return@post badRequest(it.message) },
47         password = user["password"].asString()
48         .validatePassword()
49         .map { Bcrypt.hashAsString(it, saltRounds) }
50         .getOrElse { return@post badRequest(it.message) },
51         email = user["email"].asString()
52         .validateMail()
53         .getOrElse { return@post badRequest(it.message) },
54         verified = false
55     )
56
57     val userExists = userRepo.getCollection<User>().findOne(User::email eq userTyped.email) != null
58     if (userExists) conflict("User already exists")
59
60     userRepo.getCollection<User>().insertOne(userTyped)
61
62     val rawToken = signer { withClaim("email", userTyped.email) }
63
64     val token = URLEncoder.encode(rawToken, "utf-8")
65
66     val email = EmailBuilder.startingBlank()
67         .from("BusTracker", "noreply@bustracker.com")
68         .to(userTyped.username, userTyped.email)
69         .withSubject("Account Verification")
70         .withPlainText("Click here to verify your account: ${backUrl}/v1/users/verify?token=$token&redirectUrl=$redirectUrl")
71         .buildEmail()
```

A dark blue horizontal bar spanning the width of the page. On the left side, the word "FRONT" is written in white, bold, sans-serif capital letters.

Bus Tracker

 Bus


 Metro

 Login

Login

Email

Password





Create account


Forgot password

Login

Bus Tracker

 Bus

 Metro


 Login

Register

Email

Username

Password



Register

Account Verification

 BusTracker <robertobl022@gmail.com>

 martes, 13 de junio de 2023 16:04:20

Click here to verify your account: <https://159.223.249.18:7777/v1/users/verify?token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdwQioiOiJlbnR5dHJ2Y2ticiIsImZcyI6Im0ic19cmFja2VyaWwiZW1haWwIoIjhbBqubnAtMTFhMmJmZ0BSb3RtYWlsLnNvbSJR.bq1byT90Cpqxftj3GN4i11zwS45XSJ6HyPwBRr4ozJw&redirecturl=https://159.223.249.18/login>

LOGIN

- Introducen los datos
- Devuelve jwt con la información del usuario

JWT

- “JSON Web Token (JWT) es un estándar para transmitir información de forma segura en internet, por medio de archivos en formato **JSON**”

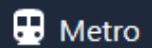
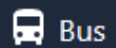
```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36P0k6yJV_adQssw5c
```

LOGIN

```
post("/login") {  
    val user = call.receiveText().deserialized()  
    val email = user["email"].asString().getOrElse { return@post badRequest(it.message) }  
    val password = user["password"].asString().getOrElse { return@post badRequest(it.message) }  
  
    val userTyped =  
        userRepo.getCollection<User>().findOne(User::email eq email) ?: return@post notFound("User not found")  
  
    if (!userTyped.verified) badRequest("User not verified")  
    if (!Bcrypt.verifyHash(password, userTyped.password)) unauthorized("Wrong password")  
  
    val rawToken = signer { withClaim("email", userTyped.email) }  
  
    val token = URLEncoder.encode(rawToken, "utf-8")  
    val tokenObject = accessTokenObject(token)  
  
    call.respondText(tokenObject, ContentType.Application.Json, HttpStatusCode.OK)  
}
```

FRONT

**Bus
Tracker**



Buscar por codigo de parada

Paradas favoritas

08242 

RESETEAR CONTRASEÑA

- Introducen los datos
- Se envía un correo con el link para resetear la contraseña
- Se resetea la contraseña

FRONT

Bus
Tracker



Bus



Metro



Login

Reset password

Email

Send email

We will send you an email with a link to reset your password

Bus
Tracker



Bus



Metro



Logout

New password

Password

Set new password

Reset Password



BusTracker <robertobl022@gmail.com>



martes, 13 de junio de 2023 20:02:32



Deliverability



Responder



Trasladar



Imprimir



Eliminar



Click here to reset your password: <https://159.223.249.18/new-password?token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiJidXNfdHJhY2t1ciIsImIzcyI6ImJ1c190cmFja2VyIiwiaWZwIjhaWwiOiJhbHQubnAtMTFhMmJmZ0B5b3BtYWlsLmNvbSJ9.bq1byT9DCpqxfTJgPN4i11zW545xSJ6HyPw8Rr4ozJw>



PARADAS FAVORITAS

- Guardar
- Leer
- Borrar

PARADAS FAVORITAS


```
fun Route.favoritesRouting() = authenticate("user") {
    val db by inject<CoroutineDatabase>()

    post {
        val stopToSave = call.receiveText().deserialized()
        val stopType = stopToSave["stopType"].asString().getOrNull { return@post badRequest(it.message) }
        val stopId = stopToSave["stopId"].asString().getOrNull { return@post badRequest(it.message) }
        val name = stopToSave["name"].asString().getOrNull { "Default" }

        val email =
            call.principal<JWTPrincipal>()?.get("email") ?: return@post badRequest("Missing email in token")
        val user =
            db.getCollection<User>().findOne(User::email eq email) ?: return@post badRequest("Email not found")
        db.getCollection<Favourite>().insertOne(
            Favourite(
                email = user.email,
                stopType = stopType,
                stopId = stopId,
                name = name
            )
        )

        call.respond(HttpStatusCode.Created)
    }
}
```


FRONT

Bus Tracker |  Bus  Metro  Logout




Ultima actualizacion de CRTM
20:04:06
Añadir a favoritos



1
- 20:04:12
- 20:29:00
- 20:42:57

441
- 20:12:06
- 20:28:00
- 20:40:00

462
- 20:07:00
- 20:38:53
- 21:29:04




N801
- 0:46:00
- 23:26:00

Bus Tracker |  Bus  Metro  Logout



Leganés Central
Añadir a favoritos


Linea 12
Anden 1
- 3 minutos
- 10 minutos

Linea 12
Anden 2
- 1 minutos
- 9 minutos

Bus Tracker |  Bus  Metro  Logout

Buscar por codigo de parada

Paradas favoritas
08242 
08243 

TESTS CONTAINERS

- Test de integración
- “No more need for mocks or complicated environment configurations. Define your test dependencies as code, then simply run your tests and containers will be created and then deleted.”

TESTS

```
class UsersRegisterTest {

    @BeforeEach
    fun setUp() {
        KMongo.createClient(mongoDBContainer.connectionString).getDatabase("test").drop()
        System.setProperty("MONGO_CONNECTION_STRING", mongoDBContainer.connectionString)
        System.setProperty("MONGO_DATABASE_NAME", "test")
        //drop
    }

    @AfterEach()
    fun tearDown() {
        stopKoin()
    }

    @Test
    fun `should register`() = testApplication {
        application { startUp() }
        val faker = faker {}
        val mail = faker.internet.safeEmail()
        val username = faker.name.name()
        val password = faker.crypto.md5()

        val response = register(mail, username, password)

        response.status.shouldBe(HttpStatusCode.Created)
    }
}
```


TESTS

Current scope: busTrackerApi | all classes

busTrackerApi: Overall Coverage Summary

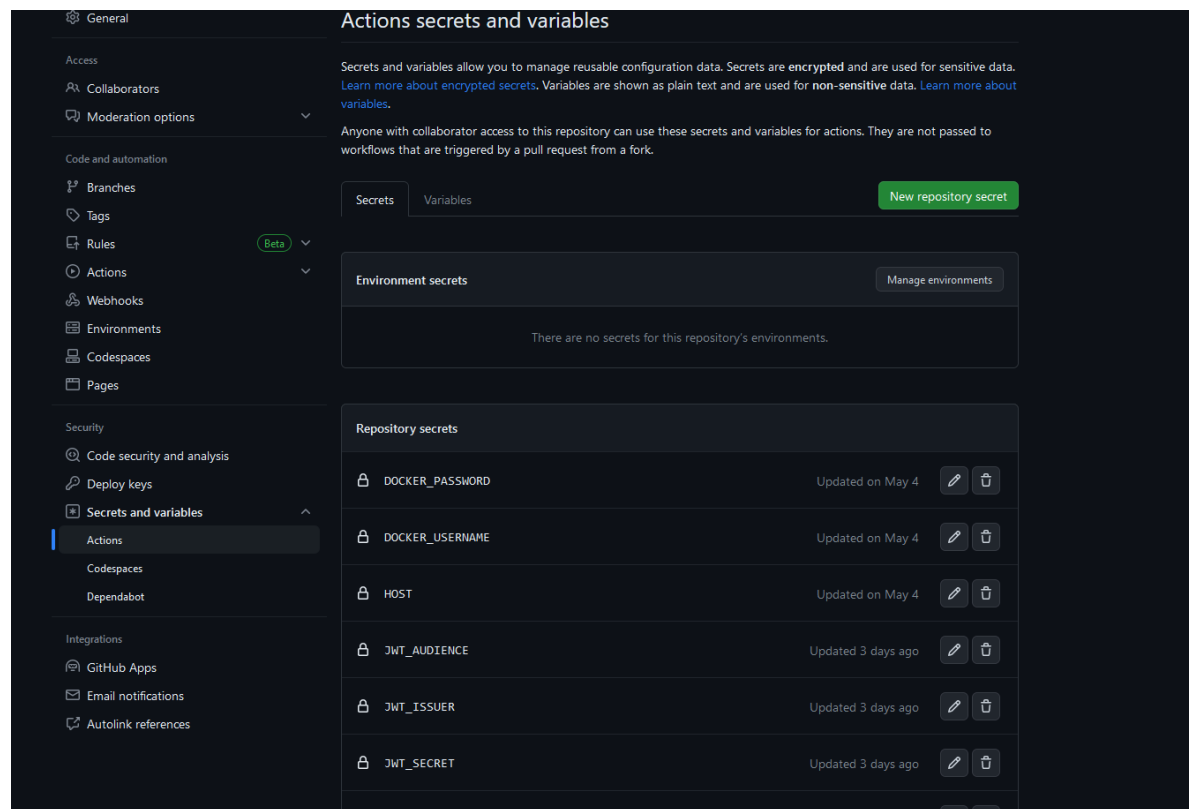
Package	Class, %	Method, %	Branch, %	Line, %	Instruction, %
all classes	90.6% (58/64)	80.4% (78/97)	53.3% (131/246)	80.3% (392/488)	79.7% (3159/3965)

Coverage Breakdown

Package 	Class, %	Method, %	Branch, %	Line, %	Instruction, %
busTrackerApi	83.3% (5/6)	81.2% (13/16)	38.2% (13/34)	79.7% (51/64)	71.6% (214/299)
busTrackerApi.config	95.2% (20/21)	92.6% (25/27)		98.3% (59/60)	99.2% (241/243)
busTrackerApi.routing.bus.lines	33.3% (2/6)	18.2% (2/11)	0% (0/22)	4.8% (4/84)	5.2% (32/617)
busTrackerApi.routing.bus.stops	100% (7/7)	100% (9/9)	57.7% (15/26)	98% (48/49)	95.4% (349/366)
busTrackerApi.routing.favourites	100% (8/8)	88.9% (8/9)	56% (28/50)	100% (56/56)	94.2% (703/746)
busTrackerApi.routing.metro	100% (4/4)	100% (6/6)	63.3% (19/30)	100% (40/40)	96.4% (323/335)
busTrackerApi.routing.users	100% (12/12)	78.9% (15/19)	66.7% (56/84)	99.3% (134/135)	95.4% (1297/1359)

CI

Configurar variables de entorno



The screenshot displays the GitHub Actions 'Secrets and variables' page. The left sidebar contains a navigation menu with categories: General, Access, Code and automation, Security, and Integrations. The 'Actions' item under 'Code and automation' is selected. The main content area is titled 'Actions secrets and variables' and includes a description of secrets and variables, a 'New repository secret' button, and tabs for 'Secrets' and 'Variables'. The 'Secrets' tab is active, showing 'Environment secrets' (empty) and 'Repository secrets' (a list of secrets).

Secret Name	Updated	Actions
DOCKER_PASSWORD	Updated on May 4	[Edit] [Delete]
DOCKER_USERNAME	Updated on May 4	[Edit] [Delete]
HOST	Updated on May 4	[Edit] [Delete]
JWT_AUDIENCE	Updated 3 days ago	[Edit] [Delete]
JWT_ISSUER	Updated 3 days ago	[Edit] [Delete]
JWT_SECRET	Updated 3 days ago	[Edit] [Delete]

CI

```
8   name: Java CI with Gradle
9
10  on:
11    push:
12      branches:
13        - '*'
14    pull_request:
15      branches:
16        - '*'
17
18  permissions:
19    contents: read
20
21  jobs:
22    build:
23      runs-on: ubuntu-latest
24      env:
25        JWT_SECRET: ${ secrets.JWT_SECRET }
26        JWT_AUDIENCE: ${ secrets.JWT_AUDIENCE }
27        JWT_ISSUER: ${ secrets.JWT_ISSUER }
28        STMP_HOST: ${ secrets.STMP_HOST }
29        STMP_PORT: ${ secrets.STMP_PORT }
30        STMP_USERNAME: ${ secrets.STMP_USERNAME }
31        STMP_PASSWORD: ${ secrets.STMP_PASSWORD }
32      steps:
33        - uses: actions/checkout@v3
34        - name: Set up JDK 17
35          uses: actions/setup-java@v3
36          with:
37            java-version: '17'
38            distribution: 'temurin'
39
40        - name: Run chmod to make gradlew executable
41          run: chmod +x ./gradlew
42
43        - name: Build with Gradle
44          uses: gradle/gradle-build-action@67421db6bd0bf253fb4bd25b31ebb98943c375e1
45          with:
46            arguments: build --stacktrace
```

JAR

```
3 plugins {  
4     kotlin("jvm")  
5     id("io.ktor.plugin")  
6     id("org.jetbrains.kotlinx.kover") version "0.7.1"  
7     application  
8 }
```

```
ktor {  
    fatJar {  
        archiveFileName.set("${project.name}.jar")  
    }  
}
```

DOCKER

```
version: "3.9"
services:
  mongo:
    image: mongo
    restart: always
  api:
    depends_on:
      - mongo
    image: xbank/bus_tracker_api:latest
    environment:
      - MONGO_CONNECTION_STRING
      - MONGO_DATABASE_NAME
      - JWT_SECRET
      - JWT_AUDIENCE
      - JWT_ISSUER
      - STMP_HOST
      - STMP_PORT
      - STMP_USERNAME
      - STMP_PASSWORD
  nginx:
    depends_on:
      - api
    image: nginx
    ports:
      - "7777:443"
    volumes:
      - ./nginx.conf:/etc/nginx/conf.d/default.conf
      - /root/ssl/key.pem:/root/ssl/key.pem
      - /root/ssl/cert.pem:/root/ssl/cert.pem
    command: [ "nginx", "-g", "daemon off;" ]
```


NGINX

```
nginx:
  depends_on:
    - api
  image: nginx
  ports:
    - "7777:443"
  volumes:
    - ./nginx.conf:/etc/nginx/conf.d/default.conf
    - /root/ssl/key.pem:/root/ssl/key.pem
    - /root/ssl/cert.pem:/root/ssl/cert.pem
  command: [ "nginx", "-g", "daemon off;" ]
```

```
1 upstream servers {
2   server api:8080 fail_timeout=50s max_fails=5;
3 }
4 server {
5   listen 443 ssl;
6   listen [::]:443 ssl;
7   ssl_certificate /root/ssl/cert.pem;
8   ssl_certificate_key /root/ssl/key.pem;
9   location / {
10     proxy_pass http://servers;
11   }
12 }
```

CD

Primero se compila y se sube la imagen a Docker hub

```
push_to_registry:
  name: Push Docker image to Docker Hub
  runs-on: ubuntu-latest
  needs: build
  steps:
    - name: Check out the repo
      uses: actions/checkout@v3

    - name: Log in to Docker Hub
      uses: docker/login-action@65b78e6e13532edd9afa3aa52ac7964289d1a9c1
      with:
        username: ${ secrets.DOCKER_USERNAME }
        password: ${ secrets.DOCKER_PASSWORD }

    - name: Extract metadata (tags, labels) for Docker
      id: meta
      uses: docker/metadata-action@9ec57ed1fcd9b14dcef7dfbe97b2010124a938b7
      with:
        images: xbank/bus_tracker_api

    - name: Build and push Docker image
      uses: docker/build-push-action@f2ald5e99d037542a71f64918e516c093c6f3fc4
      with:
        context: .
        push: true
        tags: ${ steps.meta.outputs.tags }
        labels: ${ steps.meta.outputs.labels }
        name: remote ssh command

  deploy:
```

CD

Después se despliega en la maquina ejecutando el Docker compose

```
deploy:
  name: Build
  runs-on: ubuntu-latest
  needs: push_to_registry
  env:
    JWT_SECRET: ${ secrets.JWT_SECRET }
    JWT_AUDIENCE: ${ secrets.JWT_AUDIENCE }
    JWT_ISSUER: ${ secrets.JWT_ISSUER }
    STMP_HOST: ${ secrets.STMP_HOST }
    STMP_PORT: ${ secrets.STMP_PORT }
    STMP_USERNAME: ${ secrets.STMP_USERNAME }
    STMP_PASSWORD: ${ secrets.STMP_PASSWORD }
    MONGO_CONNECTION_STRING: ${ secrets.MONGO_CONNECTION_STRING }
    MONGO_DATABASE_NAME: ${ secrets.MONGO_DATABASE_NAME }
    MONGO_INITDB_ROOT_USERNAME: ${ secrets.MONGO_INITDB_ROOT_USERNAME }
    MONGO_INITDB_ROOT_PASSWORD: ${ secrets.MONGO_INITDB_ROOT_PASSWORD }
  steps:
    - name: executing remote ssh commands using password
      uses: appleboy/ssh-action@v0.1.10
      with:
        envs: JWT_SECRET,JWT_AUDIENCE,JWT_ISSUER,STMP_HOST,STMP_PORT,STMP_USERNAME,STMP_PASSWORD,MONGO_CONNECTION_STRING,MONGO_DATABASE_NAME,MONGO_INITDB_ROOT_USERNAME,MONGO_INITDB_ROOT_PASSWORD
        host: ${ secrets.HOST }
        username: ${ secrets.USERNAME }
        password: ${ secrets.PASSWORD }
        port: ${ secrets.PORT }
        script: |
          export JWT_SECRET=$JWT_SECRET
          export JWT_AUDIENCE=$JWT_AUDIENCE
          export JWT_ISSUER=$JWT_ISSUER
          export STMP_HOST=$STMP_HOST
          export STMP_PORT=$STMP_PORT
          export STMP_USERNAME=$STMP_USERNAME
          export STMP_PASSWORD=$STMP_PASSWORD
          export MONGO_CONNECTION_STRING=$MONGO_CONNECTION_STRING
          export MONGO_DATABASE_NAME=$MONGO_DATABASE_NAME
          export MONGO_INITDB_ROOT_USERNAME=$MONGO_INITDB_ROOT_USERNAME
          export MONGO_INITDB_ROOT_PASSWORD=$MONGO_INITDB_ROOT_PASSWORD
          docker compose -f ./bus-tracker-back/docker-compose.yml stop
          docker compose -f ./bus-tracker-back/docker-compose.yml rm -f
          docker compose -f ./bus-tracker-back/docker-compose.yml pull
```



GRACIAS