

Project

Structure

...

Project

model

Note

repository

NoteRepository

service

NoteService

NotesApplication

resources

application.properties

application-debug.properties

data.sql

schema.sql

test

java

ru.natali.notes

model

application-debug.properties

DebugProfileTest.java

NotesApplication.java

application.properties

NoteTest.java

Database

notebook@localhost

notebook

public

tables

notes

sequences

Database Objects

Server Objects

Terminal

Local

+

-

Spring Boot

(v3.4.2)

2025-01-27T22:10:44.484+03:00

INFO 13824 --- [Notes]

main ru.natali.notes

NotesApplication

: Starting NotesApplication using Java 21.0.4 with PID 13824 (F:\Innoprosjcts\Zapasnoe\Notes\No

get\classes started by natal in F:\Innoprosjcts\Zapasnoe\Notes\Notes3\Notes)

2025-01-27T22:10:44.486+03:00

INFO 13824 --- [Notes]

main ru.natali.notes

NotesApplication

: The following 1 profile is active: "debug"

2025-01-27T22:10:44.943+03:00

INFO 13824 --- [Notes]

main .s.d.r.c.RepositoryConfigurationDelegate

: Bootstrapping Spring Data JDBC repositories in DEFAULT mode.

2025-01-27T22:10:44.955+03:00

INFO 13824 --- [Notes]

main .s.d.r.c.RepositoryConfigurationDelegate

: Finished Spring Data repository scanning in 7 ms. Found 0 JDBC repository interfaces.

2025-01-27T22:10:45.203+03:00

INFO 13824 --- [Notes]

main o.s.b.w.embedded.tomcat.TomcatWebServer

: Tomcat initialized with port 8080 (http)

2025-01-27T22:10:45.212+03:00

INFO 13824 --- [Notes]

main o.apache.catalina.core.StandardService

: Starting service [Tomcat]

2025-01-27T22:10:45.212+03:00

INFO 13824 --- [Notes]

main o.apache.catalina.core.StandardEngine

: Starting Servlet engine: [Apache Tomcat/10.1.34]

2025-01-27T22:10:45.247+03:00

INFO 13824 --- [Notes]

main o.a.c.c.C.[Tomcat].[localhost].[/]

: Initializing Spring embedded WebApplicationContext

2025-01-27T22:10:45.248+03:00

INFO 13824 --- [Notes]

main w.s.c.ServletWebServerApplicationContext

: Root WebApplicationContext: initialization completed in 734 ms

2025-01-27T22:10:45.649+03:00

INFO 13824 --- [Notes]

main com.zaxxer.hikari.HikariDataSource

: HikariPool-1 - Starting...

2025-01-27T22:10:45.764+03:00

INFO 13824 --- [Notes]

main com.zaxxer.hikari.pool.HikariPool

: HikariPool-1 - Added connection org.postgresql.jdbc.PgConnection@314b7945

2025-01-27T22:10:45.765+03:00

INFO 13824 --- [Notes]

main com.zaxxer.hikari.HikariDataSource

: HikariPool-1 - Start completed.

2025-01-27T22:10:45.831+03:00

INFO 13824 --- [Notes]

main o.s.b.a.e.web.EndpointLinksResolver

: Exposing 14 endpoints beneath base path '/manage'

2025-01-27T22:10:45.886+03:00

INFO 13824 --- [Notes]

main o.s.b.w.embedded.tomcat.TomcatWebServer

: Tomcat started on port 8080 (http) with context path '/'

2025-01-27T22:10:45.894+03:00

INFO 13824 --- [Notes]

main ru.natali.notes

NotesApplication

: Started NotesApplication in 1.662 seconds (process running for 1.868)

Custom message: This is the DEBUG profile!

Notes - Version control - ProductionProfileTest

Project -

- main
  - java
    - ru.natali.notes
      - app
        - MainNote
      - model
        - Note
      - repository
        - NoteRepository
      - service
        - NoteService
      - NotesApplication

Files

- DebugProfileTest.java
- ProductionProfileTest.java
- NotesApplication.java
- application-production.properties

Database

- notebook@localhost
  - notebook
    - public
      - tables
        - notes
      - sequences
      - Database Objects
      - Server Objects

Terminal

Local +

```
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:: Spring Boot ::                (v3.4.2)

2025-01-27T22:32:12.068+03:00 INFO 9708 --- [Notes] [    main] ru.natali.notes.NotesApplication : Starting NotesApplication using Java 21.0.4 with PID 9708 (F:\InnoProjects\Zapasnoe\Notes\Notes3\t\classes started by natal in F:\InnoProjects\Zapasnoe\Notes\Notes3\Notes)
2025-01-27T22:32:12.069+03:00 INFO 9708 --- [Notes] [    main] ru.natali.notes.NotesApplication : The following 1 profile is active: "production"
2025-01-27T22:32:12.521+03:00 INFO 9708 --- [Notes] [    main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JDBC repositories in DEFAULT mode.
2025-01-27T22:32:12.533+03:00 INFO 9708 --- [Notes] [    main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 7 ms. Found 8 JDBC repository interfaces.
2025-01-27T22:32:12.778+03:00 INFO 9708 --- [Notes] [    main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2025-01-27T22:32:12.787+03:00 INFO 9708 --- [Notes] [    main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-01-27T22:32:12.787+03:00 INFO 9708 --- [Notes] [    main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.34]
2025-01-27T22:32:12.821+03:00 INFO 9708 --- [Notes] [    main] o.a.c.c.g.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2025-01-27T22:32:12.821+03:00 INFO 9708 --- [Notes] [    main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 726 ms
2025-01-27T22:32:13.219+03:00 INFO 9708 --- [Notes] [    main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2025-01-27T22:32:13.444+03:00 INFO 9708 --- [Notes] [    main] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Added connection org.postgresql.jdbc.PgConnection@e01a266
2025-01-27T22:32:13.445+03:00 INFO 9708 --- [Notes] [    main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2025-01-27T22:32:13.518+03:00 INFO 9708 --- [Notes] [    main] o.s.b.a.o.web.EndpointLinksResolver : Exposing 14 endpoints beneath base path '/manage'
2025-01-27T22:32:13.566+03:00 INFO 9708 --- [Notes] [    main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2025-01-27T22:32:13.574+03:00 INFO 9708 --- [Notes] [    main] ru.natali.notes.NotesApplication : Started NotesApplication in 1.756 seconds (process running for 1.905)

Custom message: This is the PRODUCTION profile!
```

Notes version control

Project

- main
  - java
    - ru.natali.notes
      - app
        - MainNote
      - model
        - Note
      - repository
        - NoteRepository
      - service
        - NoteService
      - NotesApplication
    - resources
      - application.properties
      - application-debug.properties
      - application-production.properties
      - data.sql
      - schema.sql
    - test
      - java

DebugProfileTest.java ProductionProfileTest.java NotesApplication.java application-production.properties

```
import org.springframework.boot.CommandLineRunner;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

/*
Запустить в командной строке mvn spring-boot:run -D spring-boot.run.profiles=debug
                                mvn spring-boot:run -D spring-boot.run.profiles=production
*/
@SpringBootApplication
public class NotesApplication implements CommandLineRunner{

    @Value("${custom.message}")
    private String customMessage;

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

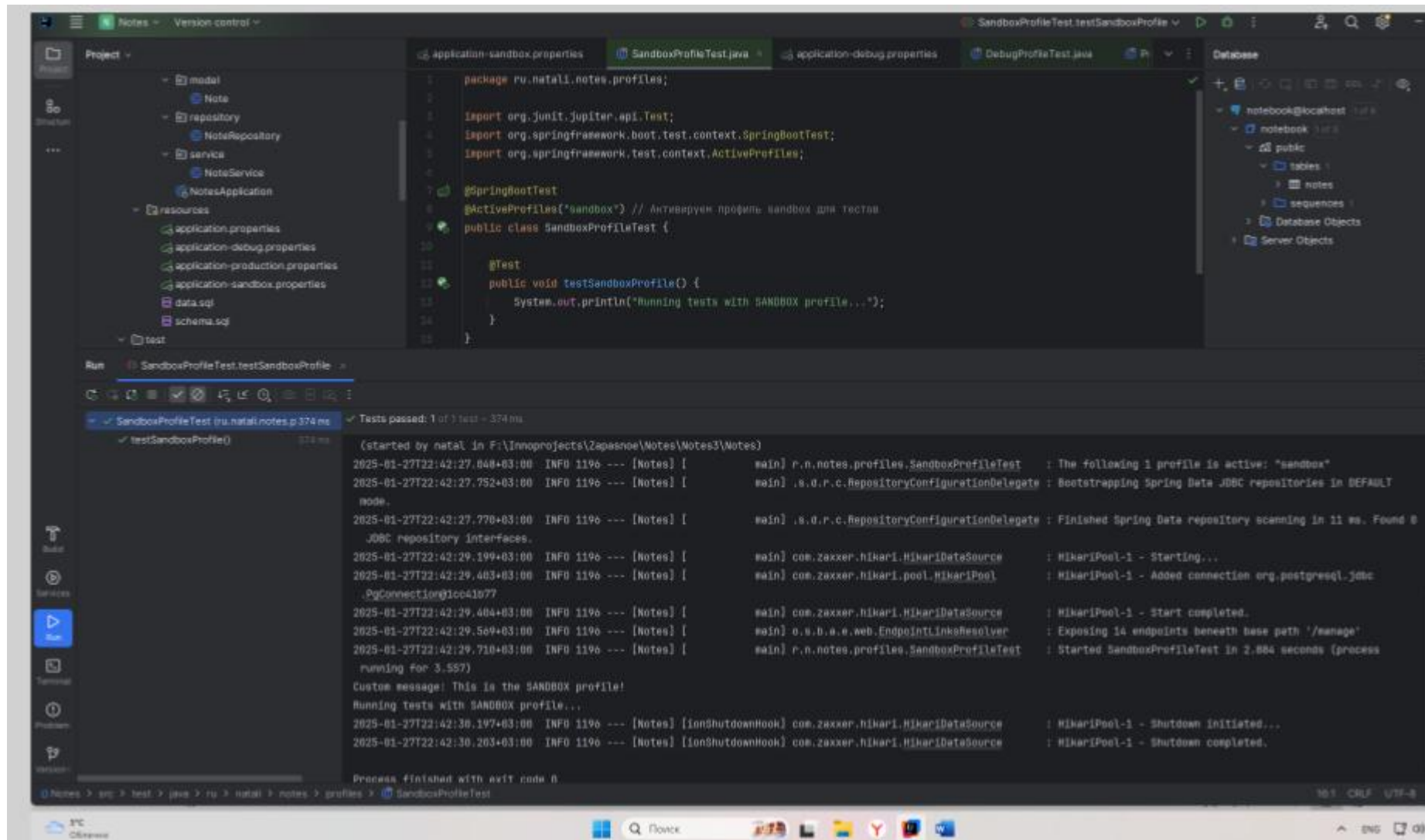
    @Override
    public void run(String... args) throws Exception {
        System.out.println("Custom message: " + customMessage);
    }
}
```

Terminal Local

```
2025-01-27T22:34:51.775+03:00 INFO 1980 --- [Notes] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2025-01-27T22:34:51.784+03:00 INFO 1980 --- [Notes] [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-01-27T22:34:51.784+03:00 INFO 1980 --- [Notes] [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.34]
2025-01-27T22:34:51.819+03:00 INFO 1980 --- [Notes] [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2025-01-27T22:34:51.820+03:00 INFO 1980 --- [Notes] [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 734 ms
2025-01-27T22:34:52.219+03:00 INFO 1980 --- [Notes] [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2025-01-27T22:34:52.336+03:00 INFO 1980 --- [Notes] [main] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Added connection org.postgresql.jdbc.PgConnection@314b7945
2025-01-27T22:34:52.337+03:00 INFO 1980 --- [Notes] [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2025-01-27T22:34:52.403+03:00 INFO 1980 --- [Notes] [main] o.s.b.a.e.web.EndpointLinksResolver : Exposing 14 endpoints beneath base path '/manage'
2025-01-27T22:34:52.459+03:00 INFO 1980 --- [Notes] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2025-01-27T22:34:52.466+03:00 INFO 1980 --- [Notes] [main] ru.natali.notes.NotesApplication : Started NotesApplication in 1.662 seconds (process running for 1.866)
Custom message: This is the PRODUCTION profile!
2025-01-27T22:35:35.645+03:00 INFO 1980 --- [Notes] [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2025-01-27T22:35:35.645+03:00 INFO 1980 --- [Notes] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2025-01-27T22:35:35.646+03:00 INFO 1980 --- [Notes] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```







Project

Notes F:\Innoprosjcts\Zapasnoe\Notes\Notes3\Notes

.idea

.mvn

src

main

java

ru.natali.notes

app

MainNote

model

Note

repository

NoteRepository

service

NoteService

NotesApplication

ion-sandbox.properties

SandboxProfileTest.java

notes

MainNote.java

```
3      services:
18      clinic-app:
21          dockerfile: Dockerfile
22          container_name: notes_app
23          environment:
24              SPRING_DATASOURCE_URL: jdbc:postgresql://postgres:5432/notebook
25              SPRING_DATASOURCE_USERNAME: postgres
26              SPRING_DATASOURCE_PASSWORD: Lzmf2000
27          ports:
28              - "8080:8080"
29          depends_on:
30              - postgres
31
32      # Определяем том для хранения данных PostgreSQL
33      volumes:
34          postgres_data:
```

Terminal

Local

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```
=> => exporting manifest sha256:915a72306d5a44013f02760c9adcc636b01747811c697fc4e195bd36b0fb1335
=> => exporting config sha256:3267561859a1d653b190762cc77a3a2108df09a1b1ff270e123345fa35c1216c
=> => exporting attestation manifest sha256:953d107aa992d5078fbef77a3221c8bf1447e070c9b4c407ed0a43772d6f6e76
=> => exporting manifest list sha256:6fcea9d32e7c74c16432d235804044c5a273777225a98eea04f9eb1e914941c4
=> => naming to docker.io/library/notes-clinic-app:latest
=> => unpacking to docker.io/library/notes-clinic-app:latest
=> [clinic-app] resolving provenance for metadata file
[+] Running 4/4
✔ Network notes_default      Created
✔ Volume "notes_postgres_data" Created
✔ Container postgres_db      Created
✔ Container notes_app        Created
Attaching to notes_app, postgres_db
postgres_db | The files belonging to this database system will be owned by user "postgres".
postgres_db | This user must also own the server process.
postgres_db |
postgres_db | The database cluster will be initialized with locale "en_US.utf8".
postgres_db | The default database encoding has accordingly been set to "UTF8".
postgres_db | The default text search configuration will be set to "english".
postgres_db |
```

