



ACME-SF

G1.007

Configuration Report

14 February, 2024



Cover

Repository: <https://github.com/Pablo-Caballero-Maria/Acme-One-24.1.0-C1.07>

Student #1

ID: 31878881F

UVUS: pabcabmar3

Name: Caballero María,

Roles: manager, developer

Student #2

ID Number:49034820Q

UVUS: mararnmon

Name: Arnáiz Montero, Marco Antonio

Roles: developer, operator

Student #3

ID Number: 77865211E

UVUS: alfalolan

Name: Alonso Lanzarán, Alfonso Luis

Roles: developer, tester

Student #4

ID Number: 53932912M

UVUS: albsanmim

Name: Sánchez Mimbrero, Alberto

Roles: developer

Student #5

ID Number: 48123111G

UVUS: juagarcar4

Name: Garcia Carballo, Juan

Roles: developer

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Executive summary

Revision table

Number	Date(dd/mm/yyyy)	Description
1.0	14/02/2024	Document done in its entirety, reviewed by peers. No major errors were found.

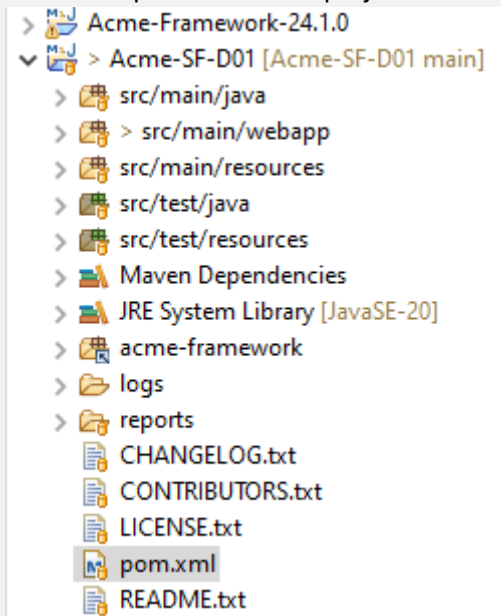
Introduction

In this report, we will detail the setup of our development configuration as per the guidelines provided. Our focus is not to replicate the instructions for configuring the development environment but rather to demonstrate that we have adhered to them and have successfully prepared our development configuration for operation. This document has an executive summary, a revision table where there are versioned records, this introduction, the main content, and the conclusions of the report.

Contents

Student #1 - Caballero María, Pablo

Import the starter project:



Modify pom and application properties files:



```
Acme-SF-D01/pom.xml application.properties X
1# application.properties
2#
3# Copyright (C) 2012-2024 Rafael Corchuelo.
4#
5# In keeping with the traditional purpose of furthering edu
6# the policy of the copyright owner to permit non-commercial
7# this software. It has been tested carefully, but it is no
8# purposes. The copyright owner does not offer any warrant
9# they accept any liabilities with respect to them.
10
11# HINT: change your acme project properties here
12
13 acme.application.display-name      = Acme SF
14 acme.application.name              = Acme-SF
15 acme.application.version           = D01
16
17 acme.runtime.base-moment           = 2022/07/30 00:00
18 acme.runtime.servicing-time        = 0
19
```

Run database scripts:

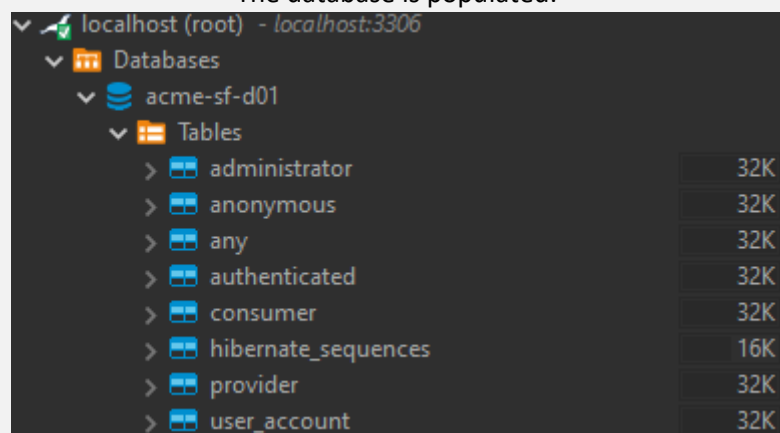
```
drop database if exists `Acme-SF-D01`;
● create database `Acme-SF-D01`
  character set = 'utf8mb4'
  collate = 'utf8mb4_unicode_ci';

● grant select, insert, update, delete, create, drop, references, index, alter,
  create temporary tables, lock tables, create view, create routine,
  alter routine, execute, trigger, show view
  on `Acme-SF-D01`.* to 'acme-user'@'%';

drop database if exists `Acme-SF-D01-Test`;
● create database `Acme-SF-D01-Test`
  character set = 'utf8mb4'
  collate = 'utf8mb4_unicode_ci';

● grant select, insert, update, delete, create, drop, references, index, alter,
  create temporary tables, lock tables, create view, create routine,
  alter routine, execute, trigger, show view
  on `Acme-SF-D01-Test`.* to 'acme-user'@'%';
```

The database is populated:



localhost (root) - localhost:3306	
Databases	
acme-sf-d01	
Tables	
administrator	32K
anonymous	32K
any	32K
authenticated	32K
consumer	32K
hibernate_sequences	16K
provider	32K
user_account	32K

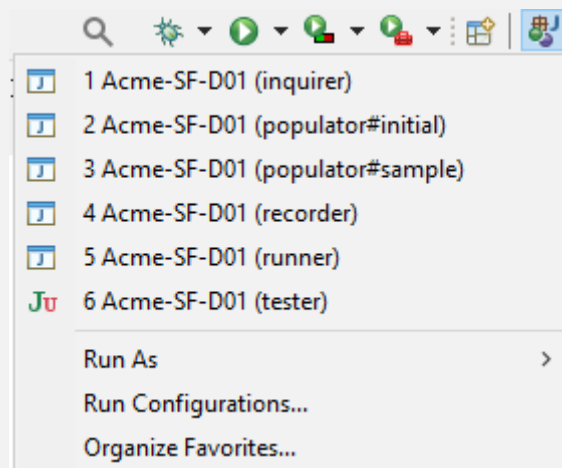
Run MariaDB:

```

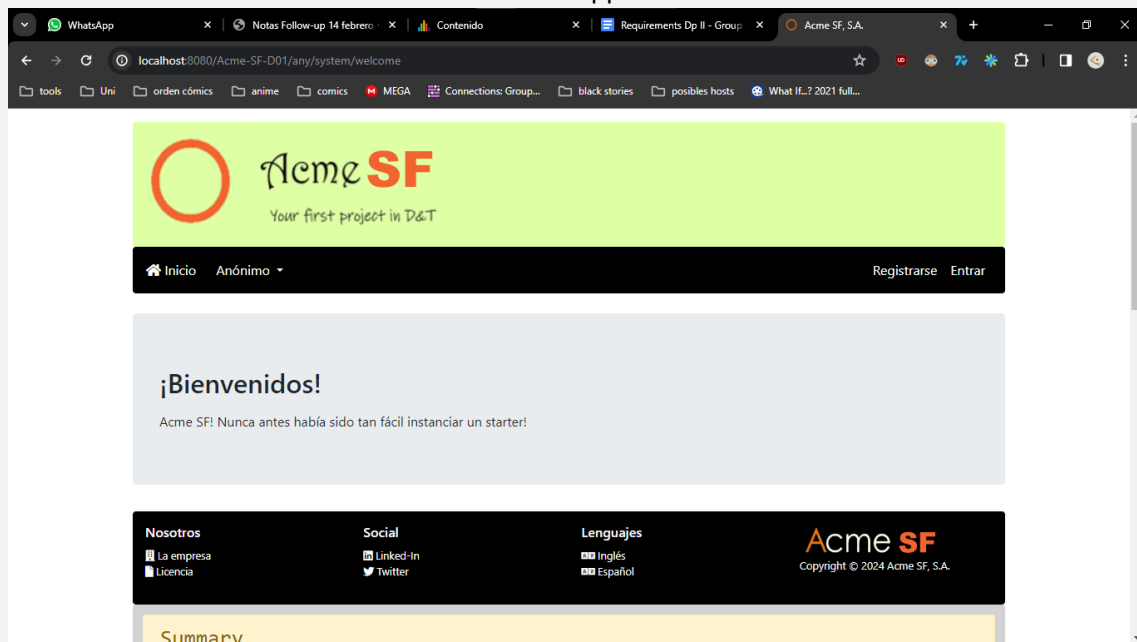
C:\WINDOWS\system32\cmd.exe
2024-02-14 17:48:23 0 [Note] InnoDB: Using crc32 + pclmulqdq instructions
2024-02-14 17:48:23 0 [Note] InnoDB: Initializing buffer pool, total size = 128.000MiB, chunk size = 2.000MiB
2024-02-14 17:48:23 0 [Note] InnoDB: Completed initialization of buffer pool
2024-02-14 17:48:23 0 [Note] InnoDB: File system buffers for log disabled (block size=4096 bytes)
2024-02-14 17:48:23 0 [Note] InnoDB: Starting crash recovery from checkpoint LSN=46438
2024-02-14 17:48:23 0 [Note] InnoDB: End of log at LSN=367903
2024-02-14 17:48:23 0 [Note] InnoDB: To recover: 146 pages
2024-02-14 17:48:23 0 [Note] InnoDB: Last binlog file './mysql-bin.000006', position 8447
2024-02-14 17:48:23 0 [Note] InnoDB: 128 rollback segments are active.
2024-02-14 17:48:23 0 [Note] InnoDB: Removed temporary tablespace data file: './ibtmp1'
2024-02-14 17:48:23 0 [Note] InnoDB: Setting file './ibtmp1' size to 12.000MiB. Physically writing the file full; Please
wait ...
2024-02-14 17:48:23 0 [Note] InnoDB: File './ibtmp1' size is now 12.000MiB.
2024-02-14 17:48:23 0 [Note] InnoDB: log sequence number 367903; transaction id 600
2024-02-14 17:48:23 0 [Note] InnoDB: Loading buffer pool(s) from C:\Users\pabca\Desktop\Workspace-24\Tools\Infrastructure
e\mariadb-10.11.5\data\ib_buffer_pool
2024-02-14 17:48:23 0 [Note] Plugin 'FEEDBACK' is disabled.
2024-02-14 17:48:23 0 [Note] mysqld: SSPI: using principal name 'localhost', mech 'Negotiate'
2024-02-14 17:48:23 0 [Note] InnoDB: Buffer pool(s) load completed at 240214 17:48:23
2024-02-14 17:48:24 0 [Note] Recovering after a crash using mysql-bin
2024-02-14 17:48:24 0 [Note] Starting table crash recovery...
2024-02-14 17:48:24 0 [Note] Crash table recovery finished.
2024-02-14 17:48:24 0 [Note] Server socket created on IP: '::'.
2024-02-14 17:48:24 0 [Note] Server socket created on IP: '0.0.0.0'.
2024-02-14 17:48:24 0 [Note] ./bin/mysqld: ready for connections.
Version: '10.11.5-MariaDB-log' socket: '' port: 3306 mariadb.org binary distribution

```

Create launchers:



Run app:



Student #2 - Arnáiz Montero, Marco Antonio

Run DB script:

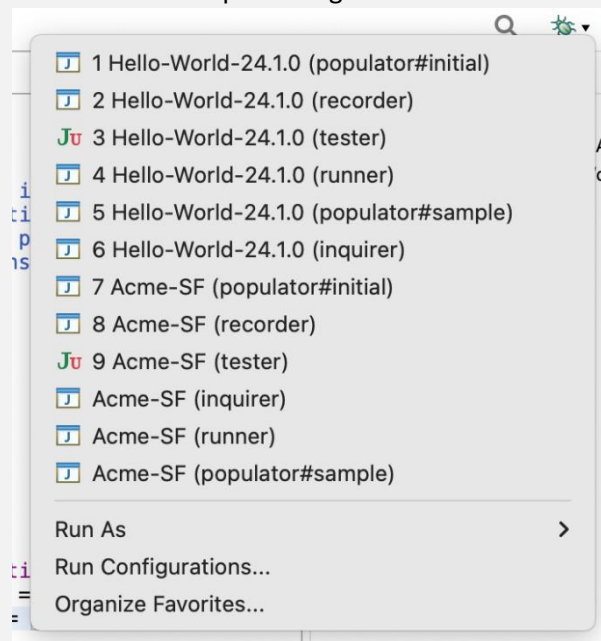
```
<localhost-dp2 (root)> Script-15 X
drop database if exists `Acme-SF-D01`;
create database `Acme-SF-D01`
character set = 'utf8mb4'
collate = 'utf8mb4_unicode_ci';

grant select, insert, update, delete, create, drop, references, index, alter,
create temporary tables, lock tables, create view, create routine,
alter routine, execute, trigger, show view
on `Acme-SF-D01`.* to 'acme-user'@'%';

drop database if exists `Acme-SF-D01-Test`;
create database `Acme-SF-D01-Test`
character set = 'utf8mb4'
collate = 'utf8mb4_unicode_ci';

grant select, insert, update, delete, create, drop, references, index, alter,
create temporary tables, lock tables, create view, create routine,
alter routine, execute, trigger, show view
on `Acme-SF-D01-Test`.* to 'acme-user'@'%';|
```

Eclipse configurations



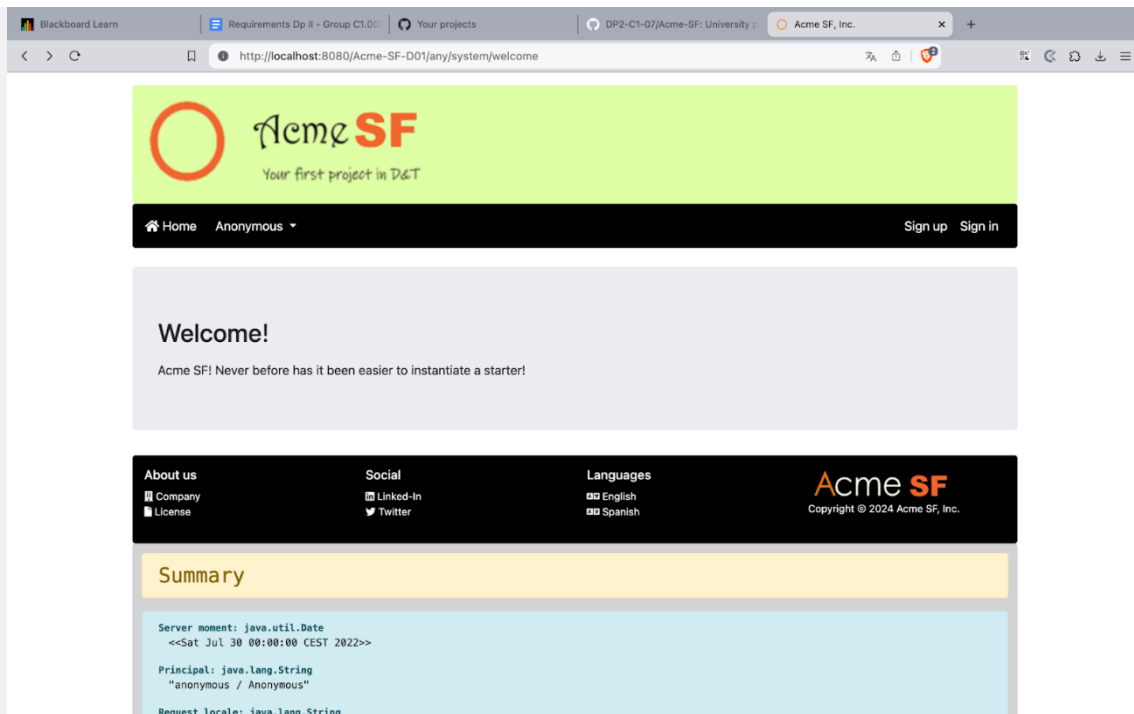
Run Acme-SF (runner) script

```
[[Logging to './logs/populator.log']]
[[Logging to './logs/populator.trace']]

Application: Acme-SF-D01
Application endpoint: http://localhost:8083/Acme-SF-D01
Database endpoint: jdbc:mariadb://localhost:3306/Acme-SF-D01?useSSL=false&allowPublicKeyRetrieval=true&useUnicode=true&characterEncoding=UTF-8&useJDBCCompli
Powered by: Spring Boot 2.7.15, Acme Framework 24.1.0

Starting Launcher using Java 21.0.2 on MacBook-Air-de-Marco.local with PID 49083 (/Users/macdemarco/Documents/DP_II/Workspace-24/Frameworks/Acme-Framework-24.
The following 2 profiles are active: "development", "populator"
2024-02-14 19:37:52.058 java[49083:1734752] WARNING: Secure coding is automatically enabled for restorable state! However, not on all supported macOS versions
Started Launcher in 3.531 seconds (JVM running for 3.896)
Launching populator#sample in your development platform.
Resetting application (create schema, populate initial data, reset clock, reset random generator).
The system is shutting down...
Exiting application with status 0.
```

App:















Student #3 - Alonso Lanzarán, Alfonso Luis





DB running:




```
start-mariadb - Acceso directo x + v
2c as process 6840
2024-02-15 13:47:10 0 [Note] InnoDB: Compressed tables use zlib 1.2.13
2024-02-15 13:47:10 0 [Note] InnoDB: Number of transaction pools: 1
2024-02-15 13:47:10 0 [Note] InnoDB: Using crc32 + pclmulqdq instructions
2024-02-15 13:47:10 0 [Note] InnoDB: Initializing buffer pool, total size = 128.000MiB, chunk size = 2.000MiB
2024-02-15 13:47:10 0 [Note] InnoDB: Completed initialization of buffer pool
2024-02-15 13:47:10 0 [Note] InnoDB: File system buffers for log disabled (block size=4096 bytes)
2024-02-15 13:47:10 0 [Note] InnoDB: Starting crash recovery from checkpoint LSN=142258
2024-02-15 13:47:10 0 [Note] InnoDB: End of log at LSN=441536
2024-02-15 13:47:10 0 [Note] InnoDB: To recover: 221 pages
2024-02-15 13:47:10 0 [Note] InnoDB: Last binlog file 'C:\Users\Alfon\Desktop\Workspace-24\Tools\Infraestructur
e\mariadb-10.11.5\data\ib_binlog.000002', position 7814
2024-02-15 13:47:11 0 [Note] InnoDB: 128 rollback segments are active.
2024-02-15 13:47:11 0 [Note] InnoDB: Removed temporary tablespace data file: "C:\Users\Alfon\Desktop\Workspace-24\Tools\Infraestructur
e\mariadb-10.11.5\data\ibtmp1"
2024-02-15 13:47:11 0 [Note] InnoDB: Setting file 'C:\Users\Alfon\Desktop\Workspace-24\Tools\Infraestructur
e\mariadb-10.11.5\data\ibtmp1' size to 12.000MiB. Physically writing the file full; Please
wait ...
2024-02-15 13:47:11 0 [Note] InnoDB: File 'C:\Users\Alfon\Desktop\Workspace-24\Tools\Infraestructur
e\mariadb-10.11.5\data\ibtmp1' size is now 12.000MiB.
2024-02-15 13:47:11 0 [Note] InnoDB: log sequence number 441536; transaction id 732
2024-02-15 13:47:11 0 [Note] Plugin 'FEEDBACK' is disabled.
2024-02-15 13:47:11 0 [Note] InnoDB: Loading buffer pool(s) from C:\Users\Alfon\Desktop\Workspace-24\Tools\Infraestructur
e\mariadb-10.11.5\data\ib_buffer_pool
2024-02-15 13:47:11 0 [Note] mysqld: SSPI: using principal name 'localhost', mech 'Negotiate'
2024-02-15 13:47:11 0 [Note] InnoDB: Buffer pool(s) load completed at 240215 13:47:11
2024-02-15 13:47:11 0 [Note] Recovering after a crash using mysql-bin
2024-02-15 13:47:11 0 [Note] Starting table crash recovery...
2024-02-15 13:47:11 0 [Note] Crash table recovery finished.
2024-02-15 13:47:11 0 [Note] Server socket created on IP: '::'.
2024-02-15 13:47:11 0 [Note] Server socket created on IP: '0.0.0.0'.
2024-02-15 13:47:11 0 [Note] C:\bin\mysqld: ready for connections.
Version: '10.11.5-MariaDB-log' socket: '' port: 3306 mariadb.org binary distribution
```



Launchers created:




-  1 Hello-World-24.1.0 (inquirer)
 -  2 Hello-World-24.1.0 (populator#initial)
 -  3 Hello-World-24.1.0 (populator#sample)
 -  4 Hello-World-24.1.0 (recorder)
 -  5 Hello-World-24.1.0 (runner)
 -  6 Hello-World-24.1.0 (tester)
 -  7 Acme-SF-D01 (inquirer)
 -  8 Acme-SF-D01 (populator#initial)
 -  9 Acme-SF-D01 (populator#sample)
 -  Acme-SF-D01 (recorder)
 -  Acme-SF-D01 (runner)
 -  Acme-SF-D01 (tester)
-
- Debug As >
 Debug Configurations...
 Organize Favorites...

Database populated:

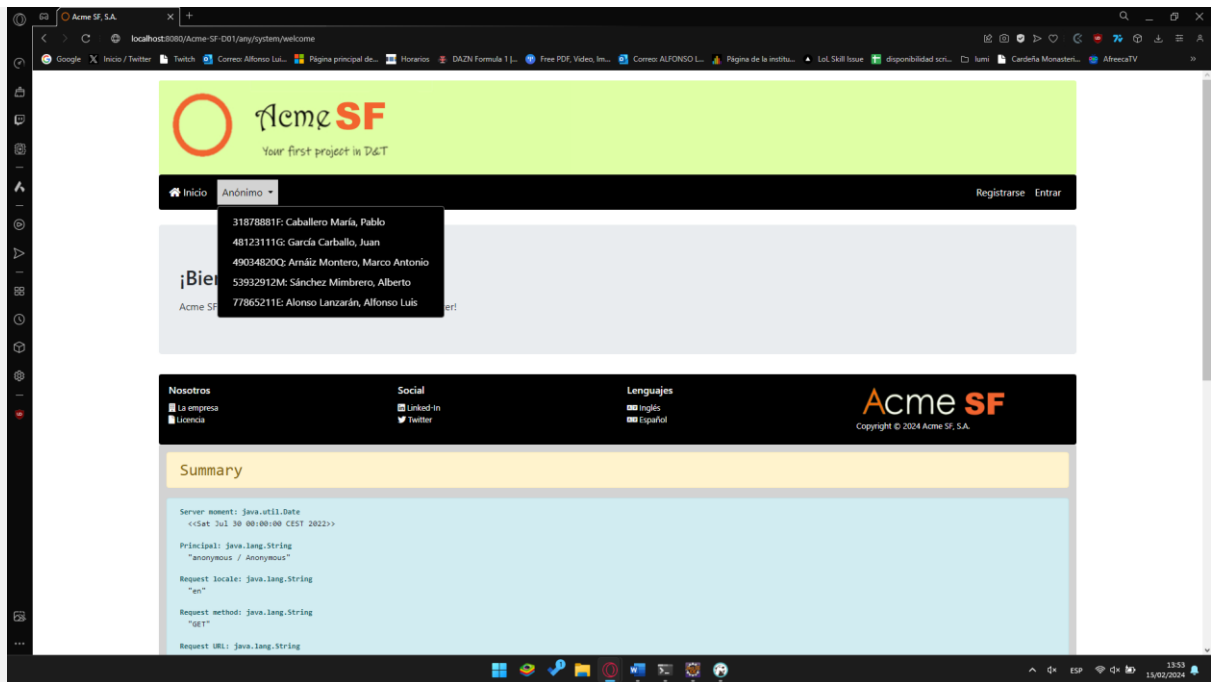
 <localhost (root)> Script-1
 localhost (acme-user)
 acme-sf-d01
 administrator ×

 Propiedades
 Datos
 Diagrama ER

 administrator
 Enter a SQL expression to filter results (use Ctrl+Space)

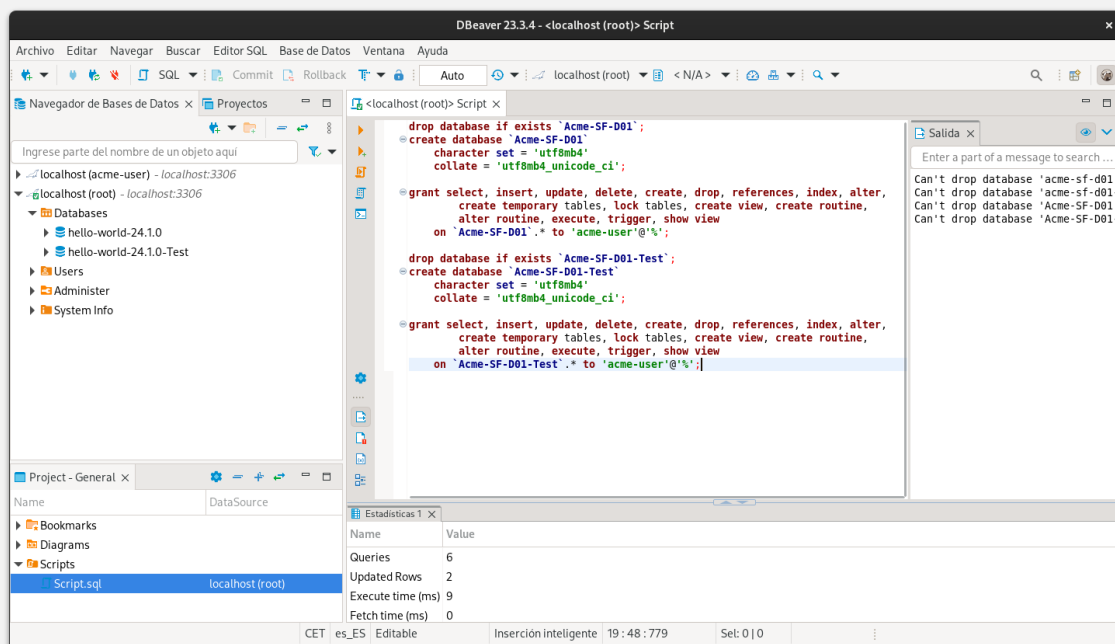
	 id	123 version	 user_account_id
1	3	0	2 

Application running:



Student #4 - Sánchez Mimbrero, Alberto

DB creation script:



Eclipse configurations:

Java Application

- Acme-SF (inquirer)
- Acme-SF (populator#initial)
- Acme-SF (populator#sample)
- Acme-SF (recorder)
- Acme-SF (runner)
- Hello-World-24.1.0 (inquirer)
- Hello-World-24.1.0 (populator#initial)
- Hello-World-24.1.0 (populator#sample)
- Hello-World-24.1.0 (recorder)
- Hello-World-24.1.0 (runner)

Acme-SF (runner) logs:

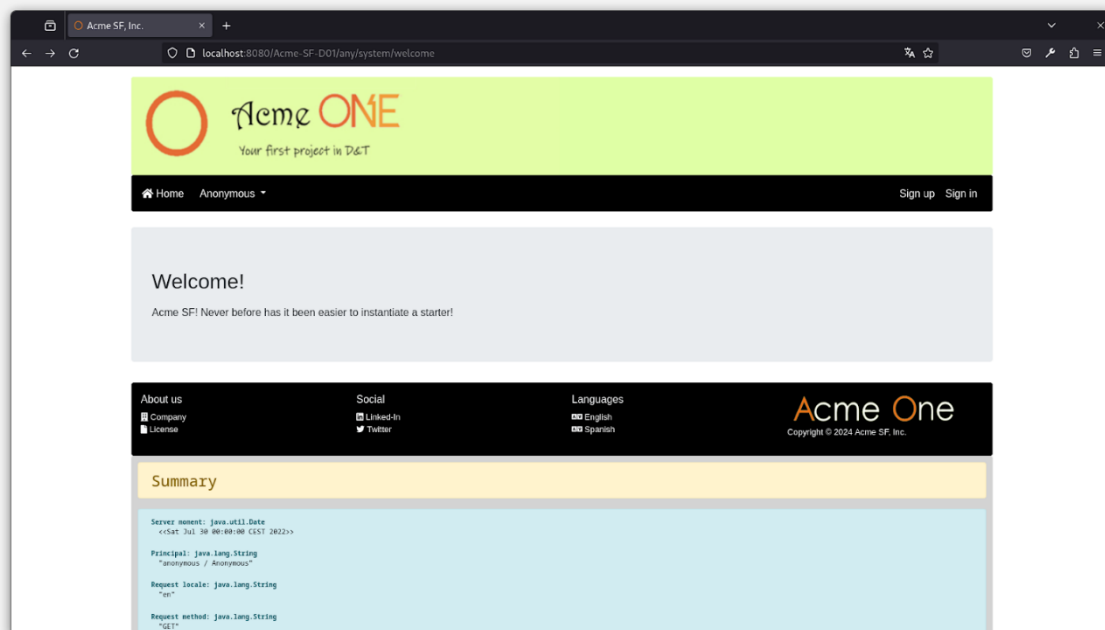
```
Console x
Acme-SF (runner) [Java Application] /usr/lib/jvm/java-21-openjdk-21.0.2.0.13-1.rolling.fc39.x86_64/bin/java (14 feb 2024 19:34:52) [pid: 30291]
[Logging to './logs/runner.log']
[Logging to './logs/runner.trace']

Acme SF

Application:      Acme-SF-D01
Application endpoint: http://localhost:8080/Acme-SF-D01
Database endpoint: jdbc:mariadb://localhost:3306/Acme-SF-D01?useSSL=false&allowPublicKeyRetrieval=true&useUnicode=true&characterEncoding=UTF-8&useJDBCCompliantTimezoneShift=true
Powered by:      Spring Boot 2.7.15, Acme Framework 24.1.0

Starting Launcher using Java 21.0.2 on alberto-pc with PID 30291 (/home/alberto/Documentos/DP2/Workspace-24/Frameworks/Acme-Framework-24.1.0/target/classes started by alberto in /)
The following 2 profiles are active: "development", "runner"
Started Launcher in 5.557 seconds (JVM running for 6.05)
Launching runner in your development platform.
Application /Acme-SF-D01 is now running.
```

Running application:



Student #5 - Garcia Carballo, Juan

The image shows a Windows command prompt window displaying the MySQL installation log for MariaDB 10.11.5. The log shows the recovery of the Aria engine, InnoDB buffer pool initialization, and the server starting successfully on localhost:3306. Below the command prompt, a SQL script is being executed in a database client. The script creates two databases, 'Acme-SF' and 'Acme-SF-Test', with UTF-8 character sets and collations. The client interface shows the script execution progress and a table of statistics for the executed queries.

```
2024-02-14 16:58:17 0 [Note] mysqld: Aria engine: recovery done
2024-02-14 16:58:17 0 [Note] InnoDB: Compressed tables use zlib 1.2.13
2024-02-14 16:58:17 0 [Note] InnoDB: Number of transaction pools: 1
2024-02-14 16:58:17 0 [Note] InnoDB: Using crc32 + pclmulqdq instructions
2024-02-14 16:58:17 0 [Note] InnoDB: Initializing buffer pool, total size = 128.000MiB, chunk size = 2.000MiB
2024-02-14 16:58:17 0 [Note] InnoDB: Completed initialization of buffer pool
2024-02-14 16:58:17 0 [Note] InnoDB: File system buffers for log disabled (block size=4096 bytes)
2024-02-14 16:58:17 0 [Note] InnoDB: Starting crash recovery from checkpoint LSN=45434
2024-02-14 16:58:17 0 [Note] InnoDB: End of log at LSN=164164
2024-02-14 16:58:17 0 [Note] InnoDB: To recover: 163 pages
2024-02-14 16:58:17 0 [Note] InnoDB: Last binlog file './mysql-bin.000007', position 15863
2024-02-14 16:58:17 0 [Note] InnoDB: 128 rollback segments are active.
2024-02-14 16:58:17 0 [Note] InnoDB: Removed temporary tablespace data file: "ibtmp1"
2024-02-14 16:58:17 0 [Note] InnoDB: Setting file './ibtmp1' size to 12.000MiB. Physically writing the file full; Please
wait ...
2024-02-14 16:58:17 0 [Note] InnoDB: File './ibtmp1' size is now 12.000MiB.
2024-02-14 16:58:17 0 [Note] InnoDB: log sequence number 164164; transaction id 266
2024-02-14 16:58:17 0 [Note] InnoDB: Loading buffer pool(s) from C:\Users\juang\Desktop\Universidad\DP2\Workspace-24\Too
ls\Infrastructure\mariadb-10.11.5\data\ib_buffer_pool
2024-02-14 16:58:17 0 [Note] Plugin 'FEEDBACK' is disabled.
2024-02-14 16:58:17 0 [Note] mysqld: SSPI: using principal name 'localhost', mech 'Negotiate'
2024-02-14 16:58:17 0 [Note] InnoDB: Buffer pool(s) load completed at 240214 16:58:17
2024-02-14 16:58:17 0 [Note] Recovering after a crash using mysql-bin
2024-02-14 16:58:17 0 [Note] Starting table crash recovery...
2024-02-14 16:58:17 0 [Note] Crash table recovery finished.
2024-02-14 16:58:17 0 [Note] Server socket created on IP: '::'.
2024-02-14 16:58:17 0 [Note] Server socket created on IP: '0.0.0.0'.
2024-02-14 16:58:18 0 [Note] .\bin\mysqld: ready for connections.
Version: '10.11.5-MariaDB-log' socket: '' port: 3306 mariadb.org binary distribution
```

SQL script content:

```
-- the policy of the copyright owner to permit non-commercial use and redistribution of
-- this software. It has been tested carefully, but it is not guaranteed for any particular
-- purposes. The copyright owner does not offer any warranties or representations, nor do
-- they accept any liabilities with respect to them.

-- HINT: Change "New-Project" according to the name of your project.

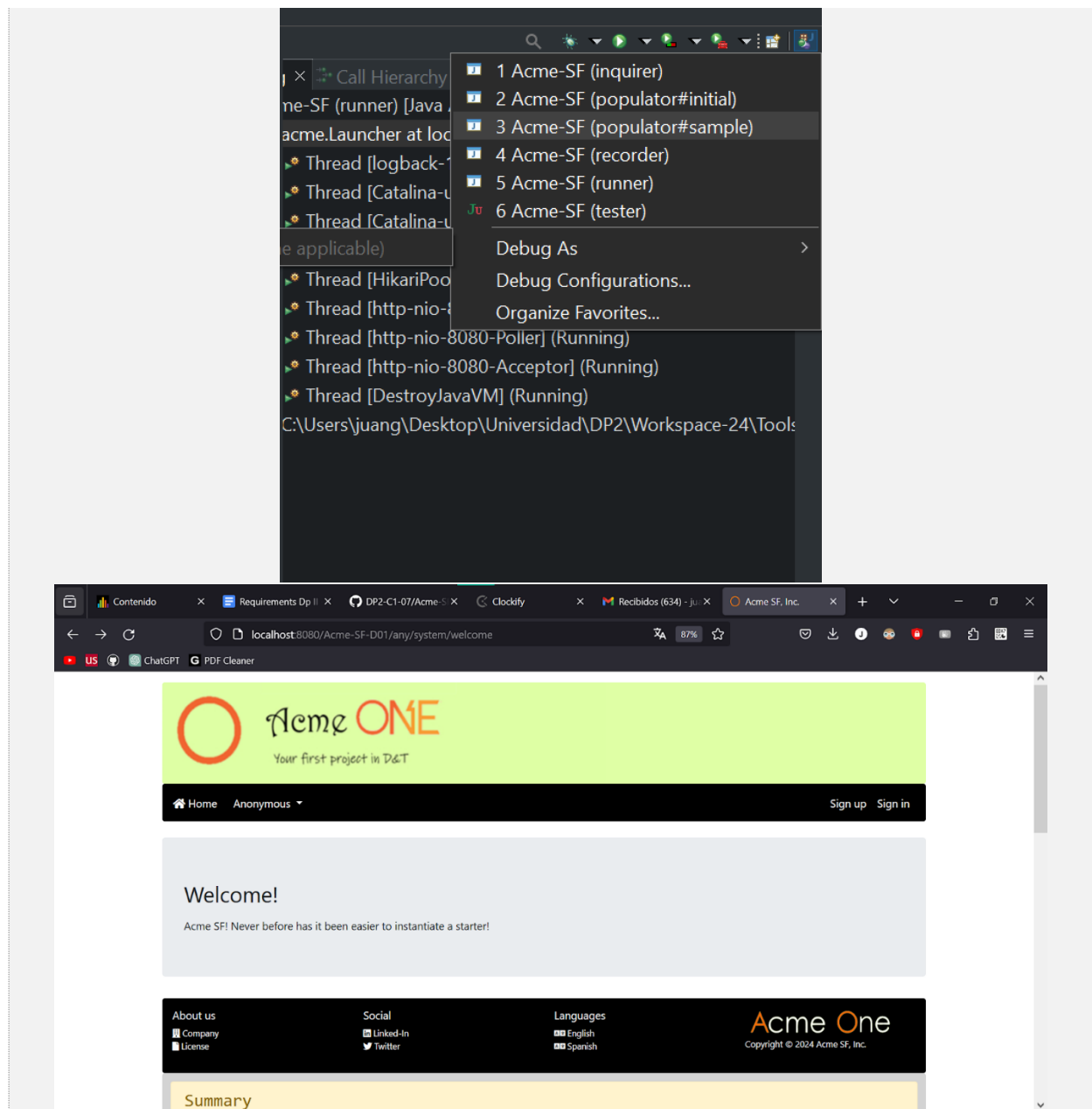
drop database if exists 'Acme-SF';
*create database 'Acme-SF'
character set = 'utf8mb4'
collate = 'utf8mb4_unicode_ci';

*grant select, insert, update, delete, create, drop, references, index, alter,
create temporary tables, lock tables, create view, create routine,
alter routine, execute, trigger, show view
on 'Acme-SF'.* to 'acme-user'@'%';

drop database if exists 'Acme-SF-Test';
*create database 'Acme-SF-Test'
character set = 'utf8mb4'
collate = 'utf8mb4_unicode_ci';

*grant select, insert, update, delete, create, drop, references, index, alter,
```

Name	Value
Queries	6
Updated Rows	2
Execute time (ms)	20
Fetch time (ms)	0
Total time (ms)	20
Start time	2024-02-14 16:59:24.521
Finish time	2024-02-14 16:59:24.639



Conclusions

Intentionally blank

Bibliography

Intentionally blank