



DEVELOPMENT CONFIGURATION

Grupo S12

<https://github.com/DP2-S12/D01-Acme-Recipes.git>

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Versión	Descripción	Fecha
v1.0	Creación inicial	03/08/2022
v2.0	Revisión final del informe	04/08/2022

Resumen ejecutivo

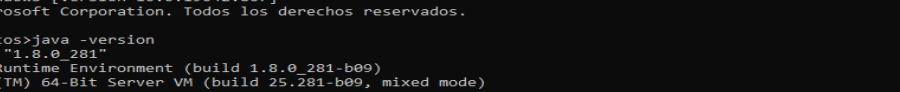
Debido a la necesidad de crear un documento donde explicar la configuración del desarrollo que se va a llevar a cabo, se elabora el presente documento.

Con el objetivo de resolver dicho problema, dividimos este informe en una sección de configuración Java, otra de base de datos, el workspace y, por último la aplicación iniciada.

Para finalizar podemos afirmar que, tras crear este informe, hemos acordado la configuración que se va a mantener durante el desarrollo del proyecto.

Configuración Java

Como podemos observar tenemos la versión de java requerida para el desarrollo del proyecto.



The screenshot shows a Windows command prompt window titled "Símbolo del sistema". The text displayed is as follows:

```
Microsoft Windows [Versión 10.0.19042.867]
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C:\Users\Marcos>java -version
java version "1.8.0_281"
Java(TM) SE Runtime Environment (build 1.8.0_281-b09)
Java HotSpot(TM) 64-Bit Server VM (build 25.281-b09, mixed mode)

C:\Users\Marcos>_
```

Base de datos

Inicializamos con éxito MariaDB.

```
C:\Simbolo del sistema - start-mariadb.cmd
C:\Users\Marcos\Documents>cd Universidad
C:\Users\Marcos\Documents\Universidad>cd dp2
C:\Users\Marcos\Documents\Universidad\DP2>cd Workspace-21.1
C:\Users\Marcos\Documents\Universidad\DP2\Workspace-21.1>cd Tools
C:\Users\Marcos\Documents\Universidad\DP2\Workspace-21.1\Tools>cd mariadb-10.1.45
C:\Users\Marcos\Documents\Universidad\DP2\Workspace-21.1\Tools\mariadb-10.1.45>start-mariadb.cmd
2021-03-15 19:54:23 16848 [Note] .\bin\mysqld (mysqld 10.1.45-MariaDB) starting as process 17792 ...
2021-03-15 19:54:23 16848 [Note] InnoDB: innodb_empty_free_list_algorithm has been changed to legacy because of small buffer pool size. In order to use backoff, increase buffer pool at least up to 20MB.
2021-03-15 19:54:23 16848 [Note] InnoDB: Using mutexes to ref count buffer pool pages
2021-03-15 19:54:23 16848 [Note] InnoDB: The InnoDB memory heap is disabled
2021-03-15 19:54:23 16848 [Note] InnoDB: Mutexes and rw_locks use Windows interlocked functions
2021-03-15 19:54:23 16848 [Note] InnoDB: mm_lfence() and mm_sfence() are used for memory barrier
2021-03-15 19:54:23 16848 [Note] InnoDB: Compressed tables use zlib 1.2.11
2021-03-15 19:54:23 16848 [Note] InnoDB: Using generic crc32 instructions
2021-03-15 19:54:23 16848 [Note] InnoDB: Initializing buffer pool, size = 128.0M
2021-03-15 19:54:23 16848 [Note] InnoDB: Completed initialization of buffer pool
2021-03-15 19:54:23 16848 [Note] InnoDB: Highest supported file format is Barracuda.
2021-03-15 19:54:23 16848 [Note] InnoDB: 128 rollback segment(s) are active.
2021-03-15 19:54:23 16848 [Note] InnoDB: Waiting for purge to start
2021-03-15 19:54:23 16848 [Note] InnoDB:  Percona XtraDB (http://www.percona.com) 5.6.47-87.0 started; log sequence number 2327174
2021-03-15 19:54:23 16848 [Note] Plugin 'FEEDBACK' is disabled.
2021-03-15 19:54:23 12476 [Note] InnoDB: Dumping buffer pool(s) not yet started
2021-03-15 19:54:23 16848 [Note] Server socket created on IP: '::'.
2021-03-15 19:54:23 16848 [Note] .\bin\mysqld: ready for connections.
Version: '10.1.45-MariaDB' socket: '' port: 3306 mariadb.org binary distribution
```

Para posteriormente crear nuestra base de datos llamada Acme-Recipes-22.8

The screenshot shows the DBeaver 21.3.3 application window. The top menu bar includes Archivo, Editor, Navegar, Buscar, Editor SQL, Base de Datos, Ventana, and Ayuda. Below the menu is a toolbar with icons for file operations and database actions. The main window is divided into three panes. The left pane, titled 'Navegador de Bases de Datos', shows a tree view with 'Proyectos' expanded, containing 'localhost:root' and 'localhost:3306'. The middle pane shows a SQL script for 'localhost:root' with the following content:

```

-- localhost:root - Script-5
drop database if exists 'acme-recipes-22.8';
create database 'acme-recipes-22.8';

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-recipes-22.8'.* to 'acme-user'@'%';

-- create-users.sql
--
-- Copyright (c) 2012-2021 Rafael Corchuelo.
--
-- In keeping with the traditional purpose of furthering education and research, it is
-- the policy of the copyright owner to permit non-commercial use and redistribution of
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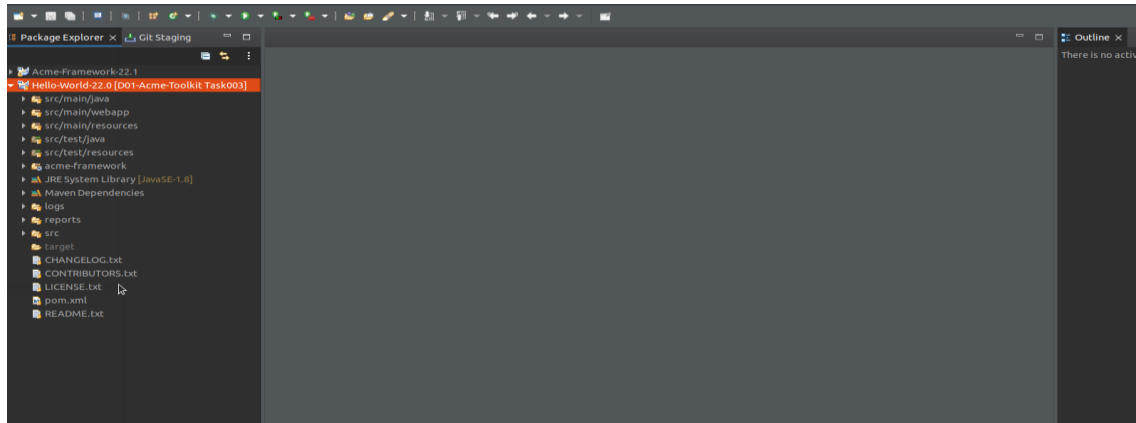
drop user if exists 'acme-user'@'%';
create user 'acme-user'@'%' identified by 'ACME-Us3r-P@ssw0rd';
revoke all privileges, grant option from 'acme-user'@'%';

```

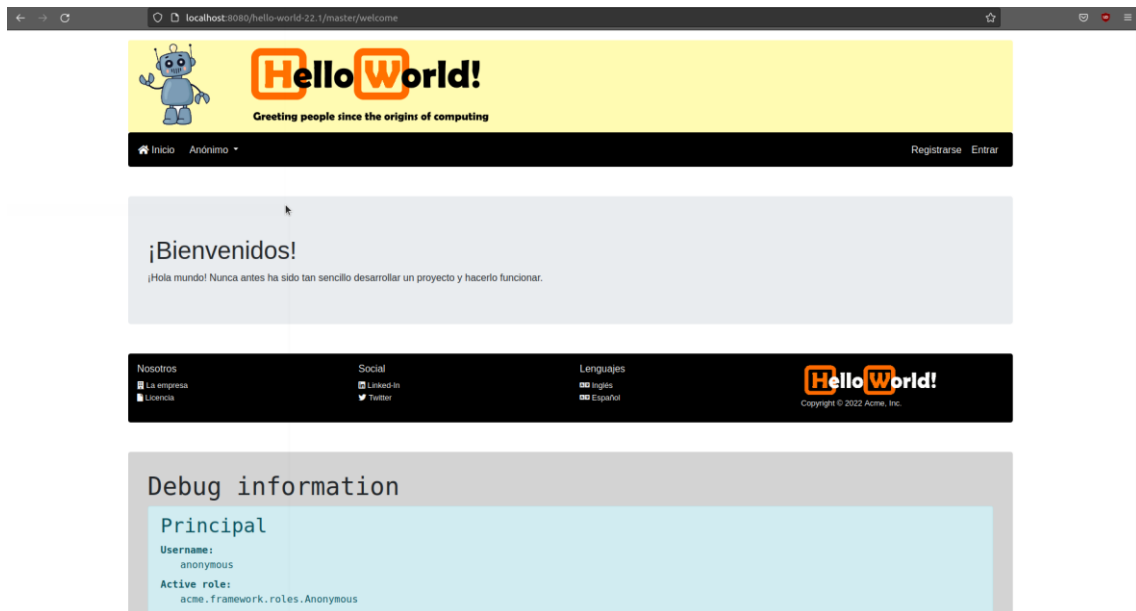
The right pane, titled 'Project - General', shows the 'DataSource' tab with a tree view containing 'Name', 'Bookmarks', 'ER Diagrams', and 'Scripts'.

Workspace

Podemos ver que tenemos configurado correctamente nuestro workspace.



Aplicación iniciada



Bibliografía

Intencionadamente en blanco.