Bases de datos 2023-1 Práctica 1: Bitácora

4 de septiembre de 2022

Reporte de instalación:

- 1. Sistema operativo y versión: GNU linux 5.19.5-zen (zen kernel)
- 2. Distribución: Arch linux
- 3. Versión de la instalación: psql (PostgreSQL) 14.5
- 4. Tiempo requerido: 15min
- 5. Paso a Paso:

Primero busque los paquetes correspondientes en los repos de arch. Me tuve que asegurar de que postgresql-contrib no era necesario para la instalación.

Luego actualize el sistema:

sudo pacman -Syu

Instalé los paquetes:

sudo pacman -S postgresql pgadmin4

```
elalk ~/ActiveSemester/Database
do] password for angelalk:
colving dependencies...
kking for conflicting packages..
                                               onceed with installation? [Y/n]
checking keys in keyring
checking package integrity
loading package files
[Checking package files
checking for file conflicts
[Checking available disk space
cossing package changes...
installing postgresql
[Installed]
ether for PL/Python 3 support [installed]
ether for PL/Python 3 support [installed]
ether for PL/Python 2 support [installed]
ether for PL/Python 3 support [i
```

Cambiar a usario de postgres:

sudo -iu postgres

Comando para iniciar cluster de postgress:

initdb -D /var/lib/postgres/data

```
he database cluster will be initialized with locale "en_US.UTF-8"
he default database encoding has accordingly been set to "UTF8".
he default text search configuration will be set to "english".
        ating directory /var/lb/postgres/data ... ok
ating subdirectories ... ok
ecting dynamic shared memory implementation ... posix
ecting default max_connections ... 180
ecting default shared_buffers ... 120MB
ecting default shared_buffers ... 120MB
ecting default shared_buffers ... ok
sting configuration files ... ok
forming post-targe script ... ok
cing data to disk ... ok
nitdb: warning: enabling "trust" authentication for local connections
bu can change this by editing pg.hba.conf or using the option -A, or
-auth-local and --auth-host, the next time you run initdb.
```

Activamos el servicio de postgress:

sudo systemctl enable --now postgresql.service

```
Lisk -/ActiveSemester/Databases/F8D-2823-1/Practical 1 P Osystemet! status postgresql.service tagresql.service - PostgreSQL database server Loaded: loaded (Just/Lib/Systemed/system)/postgresql.service; enabled; preset: disabled) Active: inactive (dead)

alk -/ActiveSemester/Databases/F8D-2823-1/Practical 1 P Osudo systemet! enable --now postgresql.service alk -/ActiveSemester/Databases/F8D-2823-1/Practical 1 P Osudo systemet! enable --now postgresql.service alk -/ActiveSemester/Databases/F8D-2823-1/Practical 1 P Osystemet! status postgresql.service tagresql.service - PostgreSQL database service representative - PostgreSQL database service representative - PostgreSQL database service; enabled; preset: disabled) Loaded (Jury-Tils/Systemet/system) tagresql.service; enabled; preset: disabled) loaded (Jury-Tils/Systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systemet/systeme
```

Desde el usuario de postgress entramos al cliente y cambiamos la contraseña: psql

ALTER USER postgres WITH PASSWORD 'notmyrealpassword';

6. Comentarios y problemas:

El paquete postgresql-contrib no tiene equivalente en Arch, al parecer lo que tiene ya lo satisface el paquete de postgres.

En Arch tienes que correr un comando para iniciar el cluster y luego activar el servicio de postgres, casi me equivoco.