

Anexo 8: Manual de instalación PostgreSQL

Fuentes:

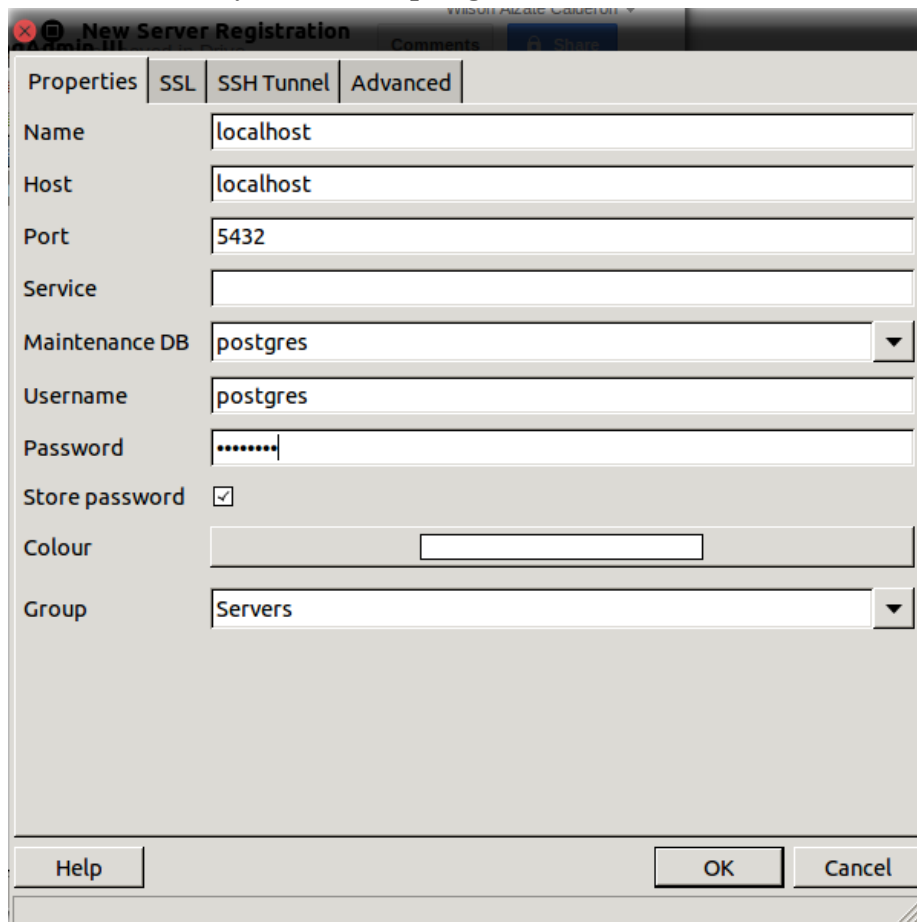
<https://help.ubuntu.com/community/PostgreSQL>

Instalar PostgreSQL y PgAdmin:

```
hduser@smaug:~$ sudo apt-get install postgresql
hduser@smaug:~$ sudo apt-get install pgadmin3
hduser@smaug:~$ sudo -u postgres psql postgres
postgres-# \password postgres
```

ingresar la contraseña: postgres

conectarse usando el usuario y contraseña postgres

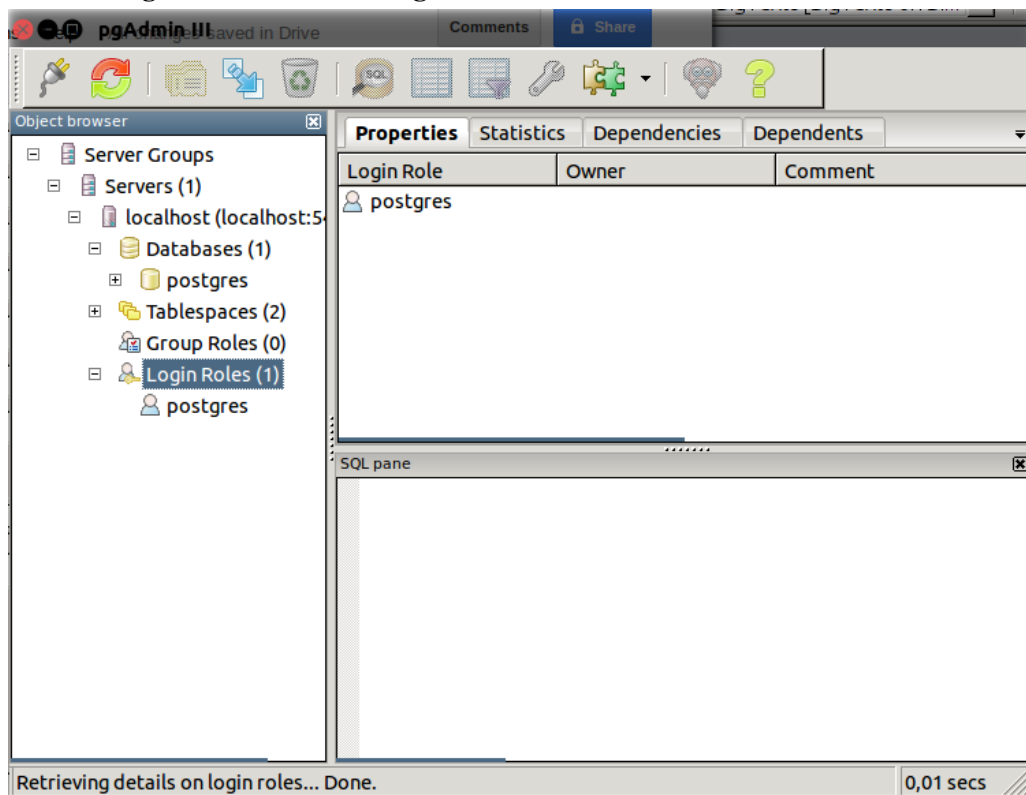


The image shows a 'New Server Registration' dialog box from the PgAdmin 3 application. The 'Properties' tab is active, displaying various configuration fields for a new server. The fields and their values are as follows:

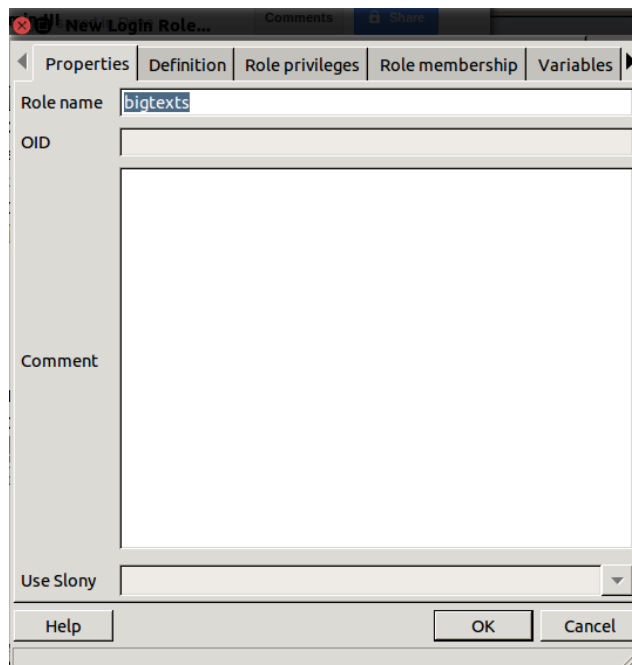
- Name:** localhost
- Host:** localhost
- Port:** 5432
- Service:** (empty field)
- Maintenance DB:** postgres (selected from a dropdown menu)
- Username:** postgres
- Password:** (masked with dots)
- Store password:** ☒
- Colour:** (empty field)
- Group:** Servers (selected from a dropdown menu)

At the bottom of the dialog, there are three buttons: 'Help', 'OK', and 'Cancel'.

Crear el usuario bigtexts con la clave bigtexts



```
CREATE ROLE bigtexts LOGIN  
    ENCRYPTED PASSWORD 'md54080aabcabda037755d17abb9cc2b5471'  
    NOSUPERUSER INHERIT NOCREATEDB NOCREATEROLE NOREPLICATION;
```



New Login Role...

Comments [Share](#)

Properties Definition Role privileges Role membership Variables

Password

Password (again)

Account expires

Connection Limit

Help OK Cancel

pgAdmin III Saved in Drive Comments [Share](#)

Object browser

- Server Groups
 - Servers (1)
 - localhost (localhost:5
 - Databases (1)
 - postgres
 - Catalogs (2)
 - Event Triggers (0)
 - Extensions (1)
 - Schemas (1)
 - Slony Replication (0)
 - Tablespaces (2)
 - Group Roles (0)
 - Login Roles (2)
 - bigtexts
 - postgres

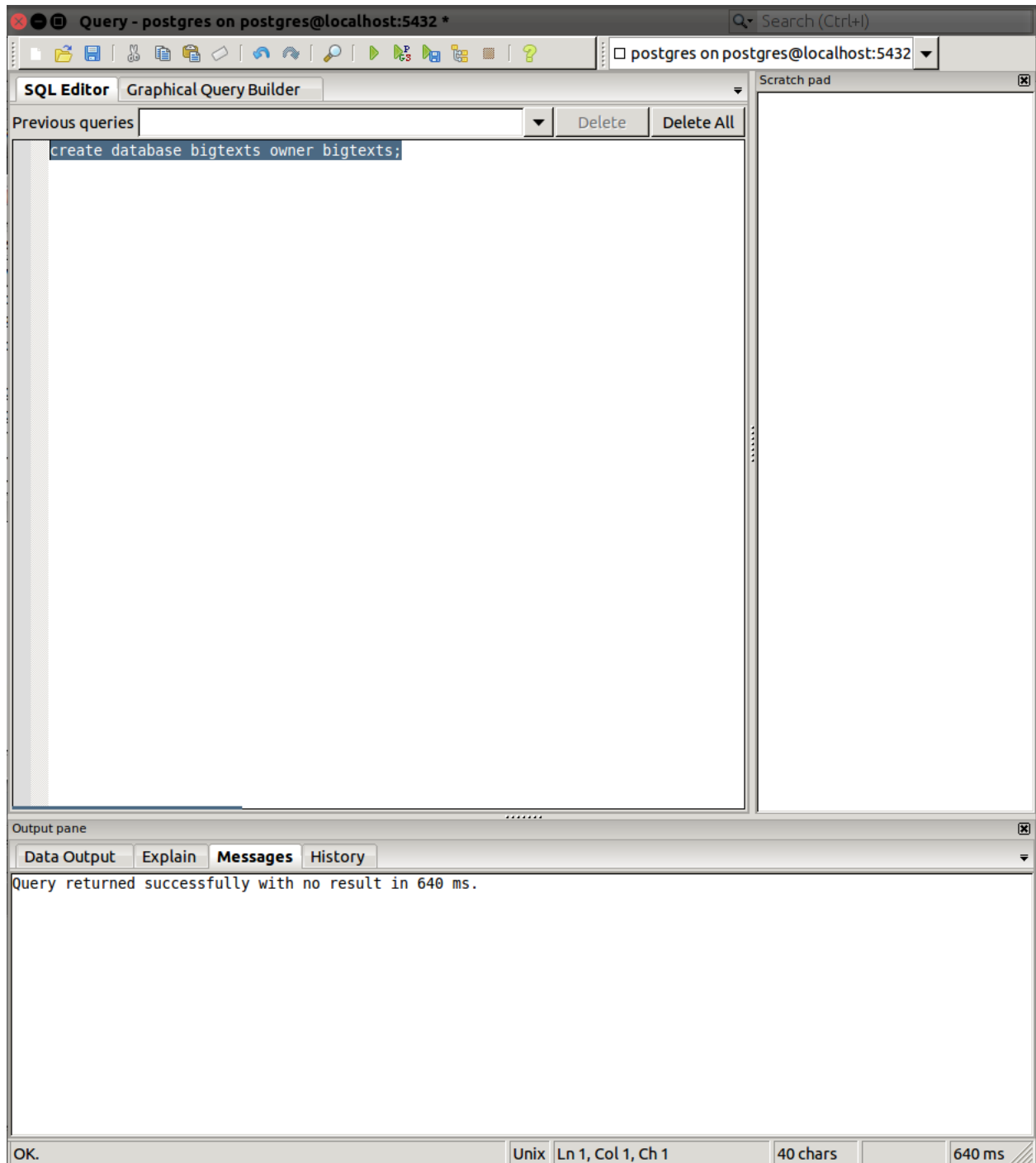
Properties Statistics Dependencies Dependents

| Login Role | Owner | Comment |
|------------|-------|---------|
| bigtexts | | |
| postgres | | |

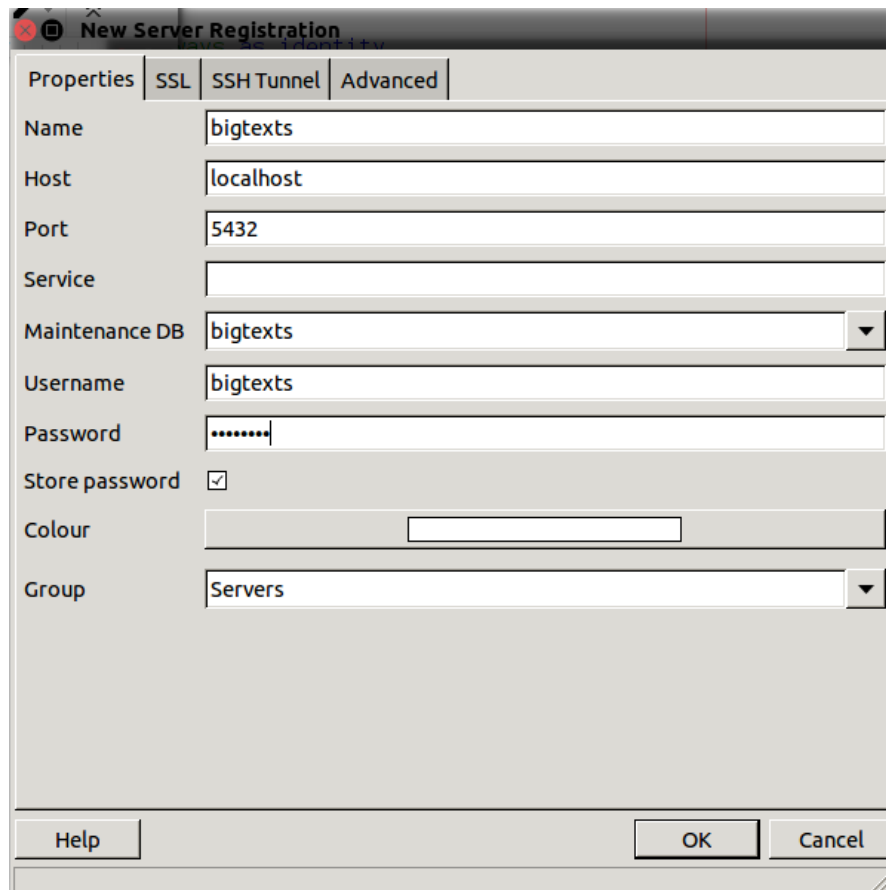
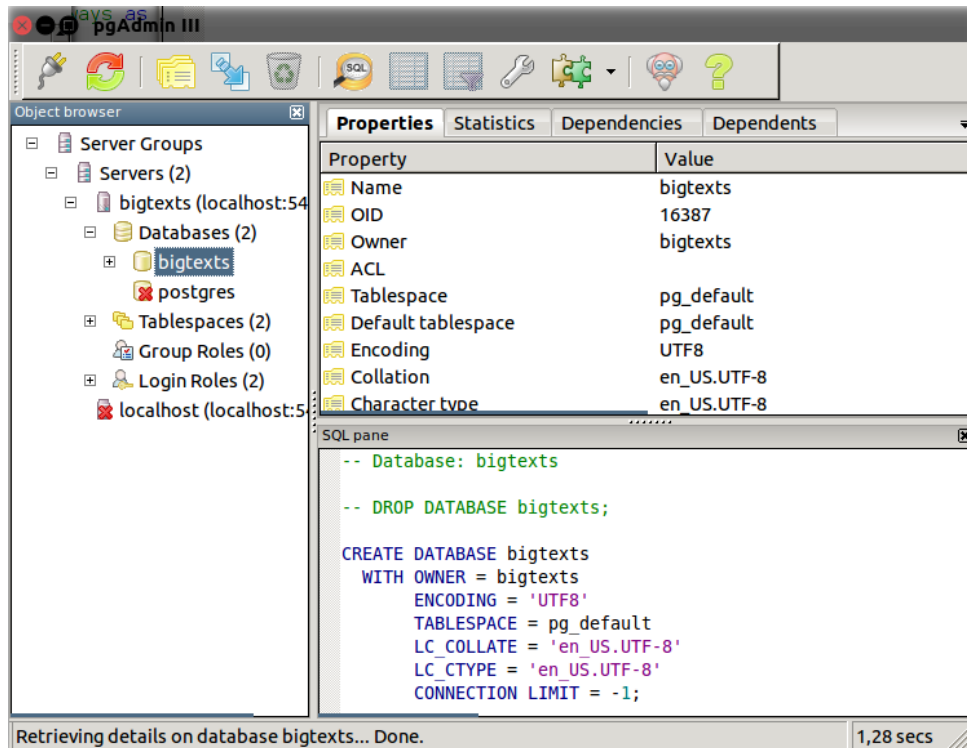
SQL pane

Refreshing login roles... Done. 0,01 secs

Crear la base de datos



conectarse a la base de datos bigtexts con el usuario bigtexts
CREATE DATABASE bigtexts OWNER bigtexts;



Crear las tablas

```
CREATE TABLE EXECUTION_LOG (  
    ID SERIAL NOT NULL,  
    INITIAL_DATE TIMESTAMP,  
    FINAL_DATE TIMESTAMP,  
    TOTAL_TIME BIGINT,  
    UPLOADING_DATE TIMESTAMP,  
    PIPELINE VARCHAR(10000),  
    NUMBER_OF_SLAVES INTEGER,  
    PRIMARY KEY (ID)  
);  
  
CREATE TABLE BIGTEXTS_FILE (  
    ID SERIAL NOT NULL,  
    NAME VARCHAR(1000),  
    WEIGHT BIGINT,  
    ID_EXECUTION_LOG INTEGER,  
    PRIMARY KEY (ID),  
    FOREIGN KEY (ID_EXECUTION_LOG) REFERENCES EXECUTION_LOG (ID)  
);
```