

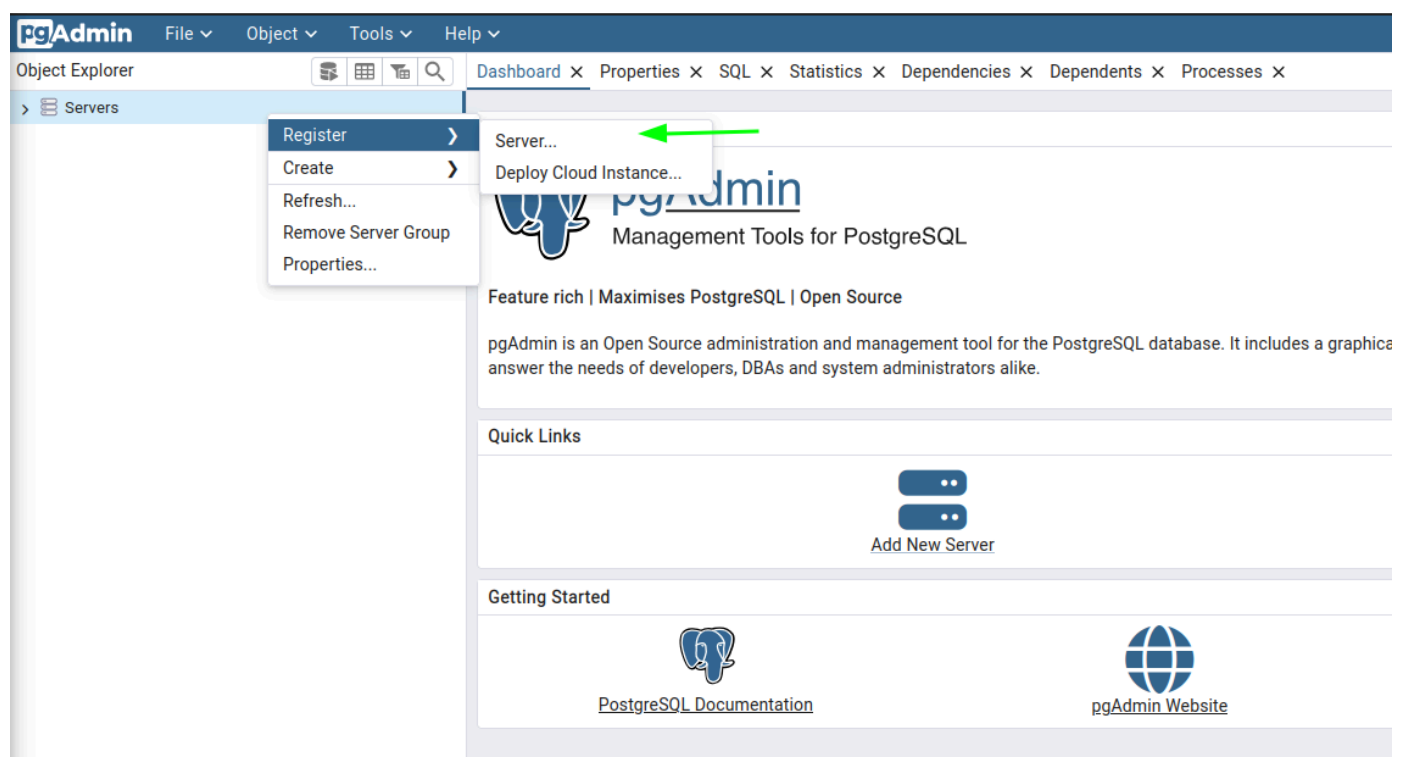
PostgreSQL

Access to the Database via pgAdmin

go to <IP>:28080 and log in with credentials from docker-composed.yml in pgadmin section



After successful log in register new server:



Register - Server

General

Connection

Parameters

SSH Tunnel

Advanced

Host name/address

<IP-Address>

Port

5432

Maintenance database

postgres

Username

user

Kerberos authentication?

☐

Password

.....

Save password?

☐

Role

Service

i

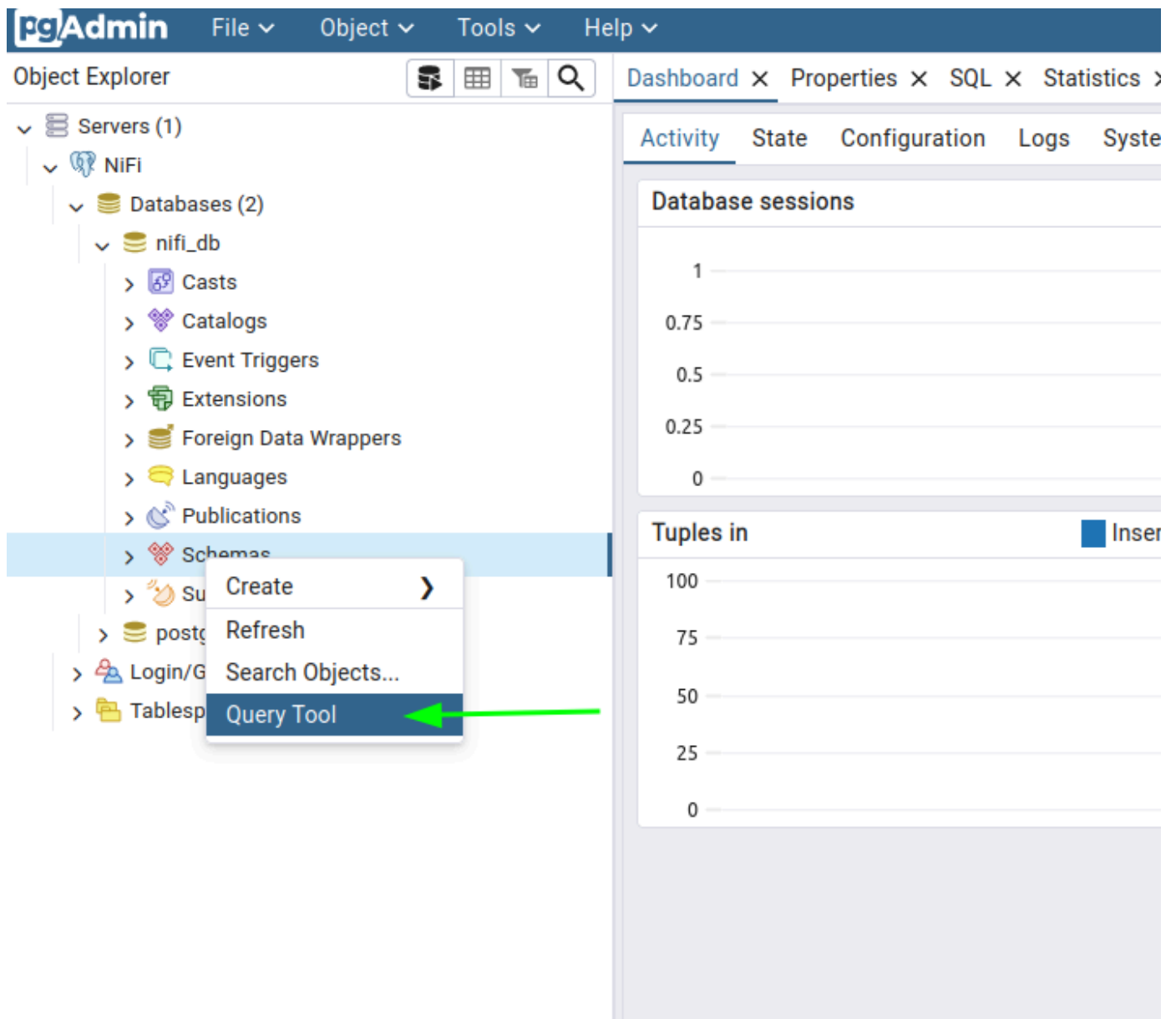
?

Close

Reset

Save

Open query tool



Copy below code to opened tab and run to create a table and fill with data:

```
CREATE TABLE IF NOT EXISTS users (  
  id SERIAL PRIMARY KEY,  
  name VARCHAR(100),  
  email VARCHAR(100),  
  created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

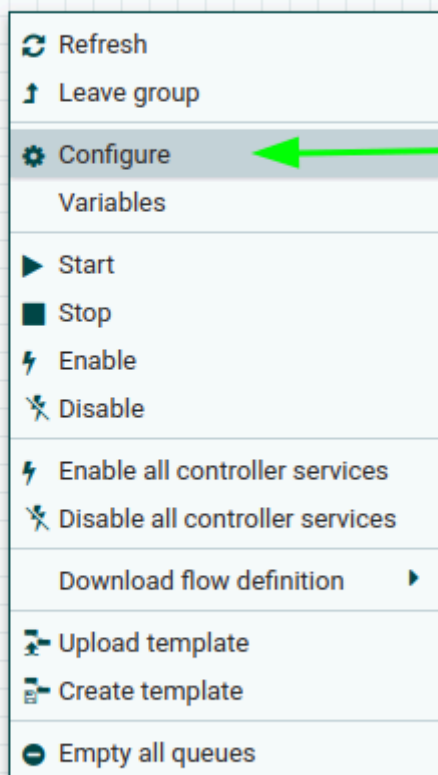
```
INSERT INTO users (name, email) VALUES  
( 'John Smith', 'john.smith@example.com' ),  
( 'Emily Johnson', 'emily.johnson@example.com' ),  
( 'Michael Brown', 'michael.brown@example.com' ),  
( 'Jessica Davis', 'jessica.davis@example.com' ),  
( 'Daniel Wilson', 'daniel.wilson@example.com' ),  
( 'Sophia Miller', 'sophia.miller@example.com' ),
```

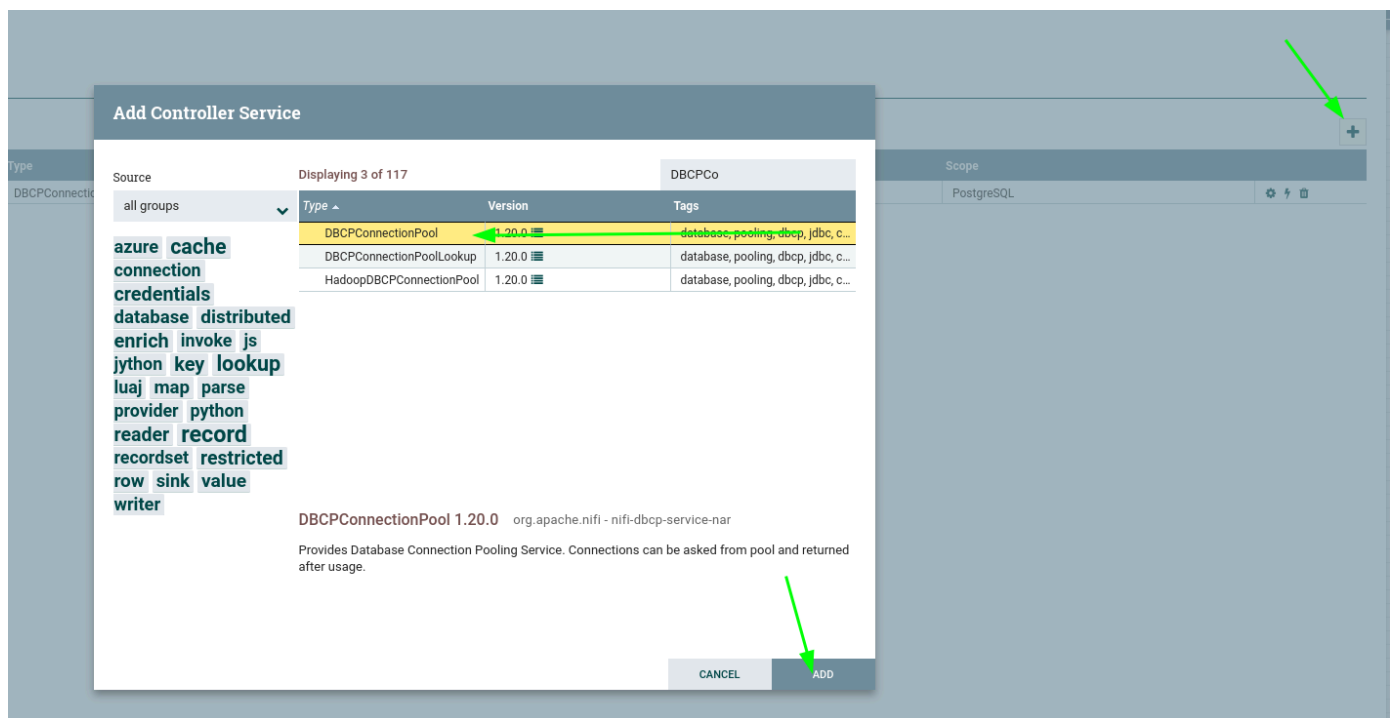
```
('James Taylor', 'james.taylor@example.com'),
('Olivia Anderson', 'olivia.anderson@example.com'),
('William Thomas', 'william.thomas@example.com'),
('Isabella Jackson', 'isabella.jackson@example.com'),
('Ethan White', 'ethan.white@example.com'),
('Ava Harris', 'ava.harris@example.com'),
('Mason Martin', 'mason.martin@example.com'),
('Mia Thompson', 'mia.thompson@example.com'),
('Lucas Garcia', 'lucas.garcia@example.com'),
('Amelia Martinez', 'amelia.martinez@example.com'),
('Alexander Rodriguez', 'alexander.rodriguez@example.com'),
('Charlotte Lee', 'charlotte.lee@example.com'),
('Benjamin Walker', 'benjamin.walker@example.com'),
('Harper Hall', 'harper.hall@example.com');
```

```
SELECT * FROM users;
```

NiFi side

Create a service





Configure the service

Property	Value
Database Connection URL	jdbc:postgresql://<IP_Address>:5432/nifi_db?stringtype=unspecified
Database Driver Class Name	org.postgresql.Driver
Database Dricer Location	/opt/nifi/nifi-current/VOLUME/postgresql-42.7.3.jar
Database User	username
Password	Password

NiFi processors configuration

ExecuteSQL

 Stopped

SETTINGS

SCHEDULING

PROPERTIES

RELATIONSHIPS

COMMENTS

Required field



Property		Value	
Database Connection Pooling Service	?	PostgreSQL	→
SQL Pre-Query	?	No value set	
SQL select query	?	select * from users;	
SQL Post-Query	?	No value set	
Max Wait Time	?	0 seconds	
Normalize Table/Column Names	?	false	
Use Avro Logical Types	?	false	
Compression Format	?	NONE	
Default Decimal Precision	?	10	
Default Decimal Scale	?	0	
Max Rows Per Flow File	?	0	
Output Batch Size	?	0	

CANCEL

APPLY

QueryDatabaseTable

 Stopped

SETTINGS

SCHEDULING

PROPERTIES

RELATIONSHIPS

COMMENTS

Required field



Property		Value	
Database Connection Pooling Service		PostgreSQL	
Database Type		Generic	
Table Name		users	
Columns to Return		No value set	
Additional WHERE clause		No value set	
Custom Query		select * from users;	
Maximum-value Columns		No value set	
Initial Load Strategy		Start at Beginning	
Max Wait Time		0 seconds	
Fetch Size		0	
Max Rows Per Flow File		0	
Output Batch Size		0	

CANCEL

APPLY 

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5 min