# PostgreSQL for the SQL Server DBA By Pat Wright

### About Me: Pat Wright

- 15+ years working with data
- Database consultant for MS-SQL,PostgreSQL
- Avid Volunteer
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### Accidental DBA

#### Who Are you?

- Managed other RDBMS systems
- Devops/Software Engineer
- Inherited
- Greenhorn

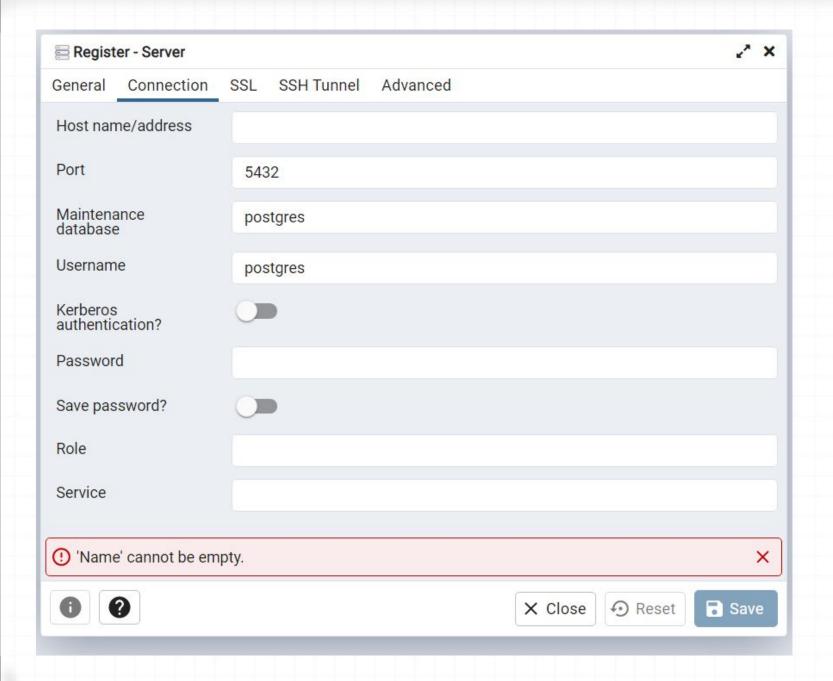


# First Day (Getting to know PG)

#### **Greetings fellow RDBMS!**

- SQL OS Vs Linux FS
- Connecting
- Gui tools
- Linux/Windows





### Second Day (Backups)

#### Always test your Backups!

- You want me to dump what?
- Base what?
- 3rd party?
- Scheduling?

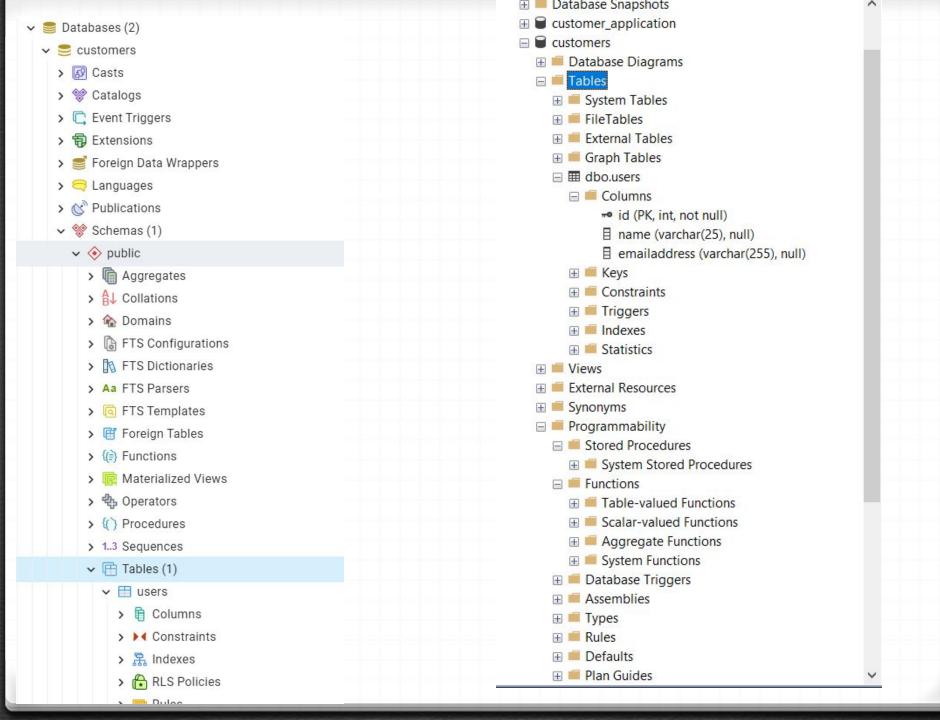


# Third Day (Exploration)

Who moved my Schema?

- Schema/Database
- Tables are still tables
- Procedures Functions Backwards



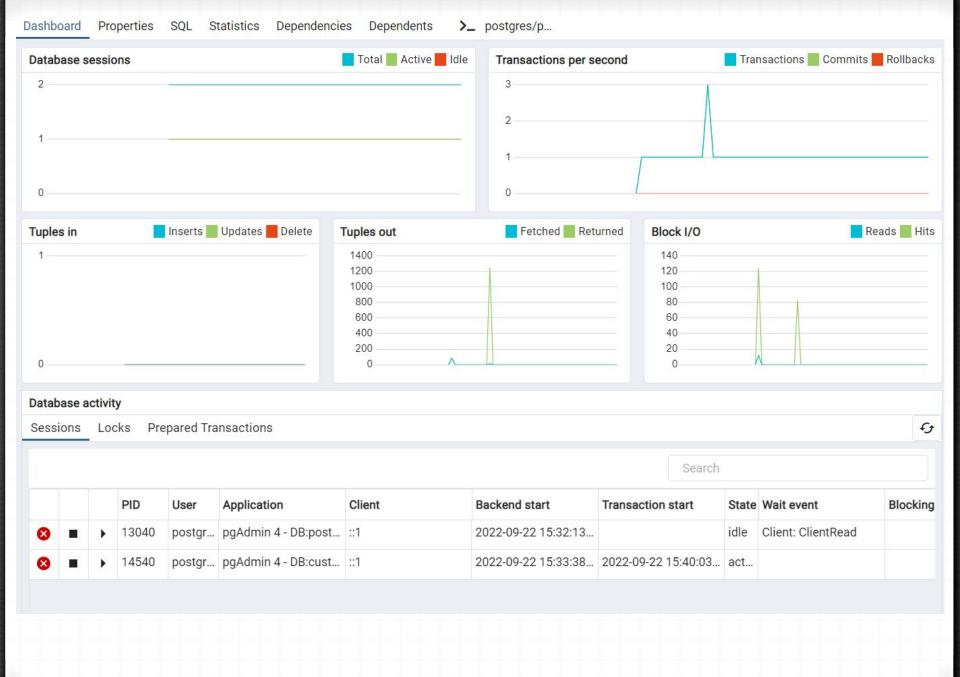


# Fourth Day (What's that burning smell?)

#### Production is on fire!!

- Current activity
- Locks
- Connection count
- Wal log



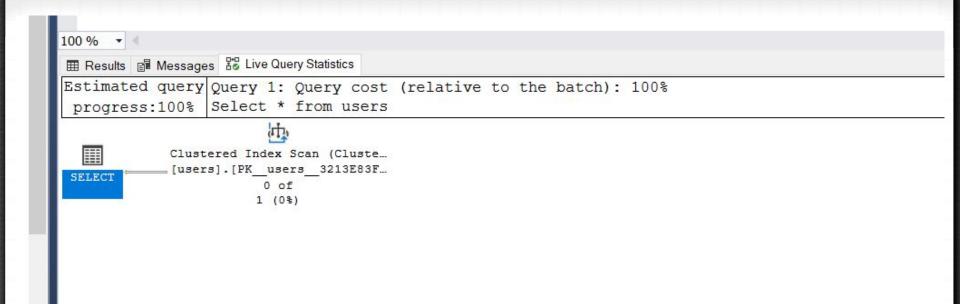


### Fifth Day (Make it Go Faster)

#### Performance!

- Explain / Explain Analyze (<a href="https://explain.depesz.com/">https://explain.depesz.com/</a>)
- Explain.dalibo.com
- Plan Explorer
- Indexes





```
customers=# explain (select * from users);

QUERY PLAN

Seq Scan on users (cost=0.00..11.30 rows=130 width=588)
(1 row)

customers=#
```

# Sixth Day (Should I quit?)

### Config/Settings

- Where to find it?
- Drive Differences
- What's linux again?



# Seventh Day (The community!)

#### Join the Community!

- Slack (https://postgresteam.slack.com/signup#/domain-signup)
- Discord (https://discord.gg/bW2hsax8We)
- Docs
- https://www.wrightdbconsulting.com/





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