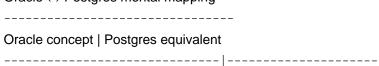
LangMem/LangGraph: Postgres Memory Store Setup _____ DBA-style checklist to get a dedicated database + role (with password) ready for use as a LangMem/LangGraph memory store. 0) Confirm server & psql ______ brew services start postgresql@14 psql -d postgres 1) Create a dedicated login role (user) with password _____ -- In psql, connected to the "postgres" database: CREATE ROLE langmem_app WITH LOGIN PASSWORD 'CHANGEME' -- pick a strong password NOSUPERUSER NOCREATEDB NOCREATEROLE NOINHERIT **CONNECTION LIMIT -1;** -- (optional) set a default search_path this app should use ALTER ROLE langmem_app SET search_path TO memory, public; 2) Create a dedicated database owned by that role CREATE DATABASE langmem_db OWNER langmem_app; 3) Enable pgyector in that database (needed for semantic search) ______ \c langmem db CREATE EXTENSION IF NOT EXISTS vector; 4) (Optional) Put app objects in a dedicated schema -- still in langmem_db CREATE SCHEMA IF NOT EXISTS memory AUTHORIZATION langmem_app; -- make the DB default to that schema for all sessions ALTER DATABASE langmem_db SET search_path TO memory, public; 5) (Optional hardening) -- If you don't want everyone to be able to create in public: REVOKE CREATE ON SCHEMA public FROM PUBLIC; 6) Quick smoke test ______ psql "postgresql://langmem_app:CHANGEME@localhost:5432/langmem_db" -c "SELECT current_user, current_dat psql "postgresql://langmem_app:CHANGEME@localhost:5432/langmem_db" -c "CREATE EXTENSION IF NOT EXISTS v

7) App connection string (use this in Python code)

postgresql://langmem_app:CHANGEME@localhost:5432/langmem_db
8) What your app will do next
- Point your Postgres-backed Store at that connection string.
 Call the store's setup() once (creates the tables/indexes it needs).
Call the store's setup() once (creates the tables/indexes it needs).Keep your manage_memory_tool / search_memory_tool calls the same.



Create user with password | CREATE ROLE ... WITH LOGIN PASSWORD ...

Create a dedicated schema | CREATE SCHEMA memory AUTHORIZATION langmem_app

Make user own the database | CREATE DATABASE ... OWNER langmem_app

Enable special feature | CREATE EXTENSION vector;

Default schema for a session | ALTER ROLE/DB SET search_path TO memory, public