

AI-03098 PostgreSQL Connection URI

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🏷️ Tags	Project
🕒 Created time	@October 23, 2025 12:33 AM

Explain the syntax: URI, Uniform Resource Information

DATABASE_URL:

"postgresql://docmost:STRONG_DB_PASSWORD@db:5432/docmost?schema=public"

Sure, Rigel — this `DATABASE_URL` string is a **PostgreSQL connection URI**, commonly used in Docker Compose files, `.env` configs, or backend frameworks to define how an application connects to a PostgreSQL database. Here's a breakdown of each part:

🧩 Full Syntax Breakdown

```
postgresql://docmost:STRONG_DB_PASSWORD@db:5432/docmost?schema=public
```

Segment	Meaning
<code>postgresql://</code>	Specifies the protocol (PostgreSQL database)
<code>docmost</code>	Username used to authenticate with the database
<code>STRONG_DB_PASSWORD</code>	Password for the <code>docmost</code> user
<code>db</code>	Hostname of the database server (often a Docker service name or container alias)
<code>5432</code>	Port number PostgreSQL listens on (default is 5432)

Segment	Meaning
<code>docmost</code>	Database name to connect to
<code>?schema=public</code>	Optional query parameter specifying the schema to use (in this case, <code>public</code>)

Example Use Case

In a Dockerized setup, this might be used in an environment variable like:

environment:

```
DATABASE_URL: "postgresql://docmost:STRONG_DB_PASSWORD@db:5432/docmost?schema=public"
```

This tells your app to connect to the `docmost` database inside the `db` container using the specified credentials and schema.

Would you like a protocol walkthrough for how this connects inside DockerLab, or a zipped README snippet for gifting? I can help formalize it for your son's future maintenance.