

PostgreSQL database

🌐 Language: [Deutsch](#) · [English](#)

🔧 PostgreSQL database

Prepare PostgreSQL for Nuclos: create a login role, tablespace, database and schema. The Nuclos installer can handle most of this.

- HOW-TO
- OPERATIONS
- UPDATED: JUL 2026
- APPLIES TO NUCLOS 4.2026.X

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 **Recommended**

Easiest: let the **Nuclos installer** install and configure PostgreSQL – then the steps below are unnecessary. The PostgreSQL JDBC driver is already included.

Overview

Vendor	postgresql.org
Supported	version 9.3+ (recommended: current version)
Management	pgAdmin or console (psql)

Manual preparation

After installing PostgreSQL, create a login role, (optional) tablespace, database and schema – via pgAdmin or console:

1. Login role

```
CREATE ROLE nuclos LOGIN PASSWORD '<password>'
NOSUPERUSER INHERIT NOCREATEDB NOCREATEROLE;
```

2. Tablespace (optional)

```
CREATE TABLESPACE <tablespace> OWNER nuclos LOCATION '<directory>';
```

3. Database

```
CREATE DATABASE <database>
WITH OWNER = nuclos TEMPLATE = template1
ENCODING = 'UTF8' TABLESPACE = <tablespace>;
```

4. Schema

```
CREATE SCHEMA <schema> AUTHORIZATION nuclos;
```

5. PL/pgSQL

Nuclos requires PL/pgSQL. On current PostgreSQL versions it's already present in `template1`; otherwise:

```
CREATE LANGUAGE plpgsql;
```

Placeholder for a screenshot showing the steps in pgAdmin.

Steps in pgAdmin (placeholder – screenshot to follow).

Adjust nuclos.xml

<adapter>	postgresql
<connection-url>	jdbc:postgresql://<host>:5432/<database>
<user>, <password>	database user and password
<schema>	schema name
<tablespace>	tablespace name



First start

Database objects (tables etc.) are created automatically on the first start of the Nuclos server.

Related pages



Installation (DE)

Install Nuclos.

[Open](#)



Oracle database (DE)

Alternative: Oracle.

[Open](#)