

# Package ‘adbcpostgresql’

April 8, 2026

**Title** 'Arrow' Database Connectivity ('ADBC') 'PostgreSQL' Driver

**Version** 0.23.0

**Description** Provides a developer-facing interface to the 'Arrow' Database Connectivity ('ADBC') 'PostgreSQL' driver for the purposes of building high-level database interfaces for users. 'ADBC' <<https://arrow.apache.org/adbc/>> is an API standard for database access libraries that uses 'Arrow' for result sets and query parameters.

**License** Apache License (>= 2)

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**SystemRequirements** libpq

**Suggests** nanoarrow, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Config/build/bootstrap** TRUE

**URL** <https://arrow.apache.org/adbc/current/r/adbcpostgresql/>,  
<https://github.com/apache/arrow-adbc>

**BugReports** <https://github.com/apache/arrow-adbc/issues>

**Imports** adbcdrivermanager

**NeedsCompilation** yes

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**Repository** CRAN

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## Description

ADBC PostgreSQL Driver

## Usage

```
adbcpostgresql()
```

```
## S3 method for class 'adbcpostgresql_driver_postgresql'
adbc_database_init(driver, ..., uri)
```

```
## S3 method for class 'adbcpostgresql_database'
adbc_connection_init(database, ..., adbc.connection.autocommit = NULL)
```

```
## S3 method for class 'adbcpostgresql_connection'
adbc_statement_init(
  connection,
  ...,
  adbc.ingest.target_table = NULL,
  adbc.ingest.target_db_schema = NULL,
  adbc.ingest.mode = NULL
)
```

## Arguments

driver	An <a href="#">adbc_driver()</a> .
...	Driver-specific options. For the default method, these are named values that are converted to strings.
uri	A URI to a database path (e.g., postgresql://localhost:1234/postgres?user=user&password=password).
database	An <a href="#">adbc_database</a> .
adbc.connection.autocommit	Use FALSE to disable the default autocommit behaviour.
connection	An <a href="#">adbc_connection</a>
adbc.ingest.target_table	The name of the target table for a bulk insert.
adbc.ingest.target_db_schema	The schema of the table for a bulk insert.
adbc.ingest.mode	Whether to create (the default) or append.

**Value**

An `adbcdrivermanager::adbc_driver()`

**Examples**

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```

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