

# Package ‘adbcpostgresql’

July 9, 2024

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

**Version** 0.13.0

**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** 7.2.3

**SystemRequirements** libpq

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

**Config/testthat/edition** 3

**Config/build/bootstrap** TRUE

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

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

**Imports** adbcdrivermanager

**NeedsCompilation** yes

**Author** Dewey Dunnington [aut, cre] (<<https://orcid.org/0000-0002-9415-4582>>),  
Apache Arrow [aut, cph],  
Apache Software Foundation [cph]

**Maintainer** Dewey Dunnington <dewey@dunnington.ca>

**Repository** CRAN

**Date/Publication** 2024-07-09 07:50:01 UTC

## Contents

adbcpostgresql . . . . .	2
<b>Index</b>	<b>4</b>

---

adbcpostgresql      *ADBC PostgreSQL Driver*

---

## 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.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=pass).
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.mode	Whether to create (the default) or append.

## Value

An [adbcdrivermanager::adbc\\_driver\(\)](#)

**Examples**

`adbcpostgresql()`

# Index

`adb_connection`, [2](#)  
`adb_connection_init.adbpostgresql_database`  
    (`adbpostgresql`), [2](#)  
`adb_database`, [2](#)  
`adb_database_init.adbpostgresql_driver_postgresql`  
    (`adbpostgresql`), [2](#)  
`adb_driver()`, [2](#)  
`adb_statement_init.adbpostgresql_connection`  
    (`adbpostgresql`), [2](#)  
`adbdrivermanager::adb_driver()`, [2](#)  
`adbpostgresql`, [2](#)