Package 'adbcpostgresql'

July 29, 2026

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

Version 0.24.0-1

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

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

Config/roxygen2/version 8.0.0

NeedsCompilation yes

Author Dewey Dunnington [aut, cre] (ORCID: <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 2026-07-29 19:10:09 UTC

Contents

adbcpostgresql 2

Index **4**

---

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.target_db_schema = NULL,
  adbc.ingest.mode = NULL
)
```

Arguments

`driver`	An `adbc_driver()`.
`...`	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=pas`
`database`	An adbc_database.
`adbc.connection.autocommit`	Use FALSE to disable the default autocommit behaviour.
`connection`	An adbc_connection
`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

```
adbcpostgresql()
```

Index

adbc_connection, *2*
adbc_connection_init.adbcpostgresql_database
(adbcpostgresql), 2
adbc_database, *2*
adbc_database_init.adbcpostgresql_driver_postgresql
(adbcpostgresql), 2
adbc_driver(), *2*
adbc_statement_init.adbcpostgresql_connection
(adbcpostgresql), 2
adbcdrivermanager::adbc_driver(), *3*
adbcpostgresql, 2