

Package ‘adbcpostgresql’

July 13, 2025

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

Version 0.19.0

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

Value

An [adbcdrivermanager::adbc_driver\(\)](#)

Examples

```
adbcpostgresql()
```

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