

# Package: orderly.db (via r-universe)

September 29, 2024

**Title** Database Support for 'orderly2'

**Version** 0.1.3

**Description** Access databases from 'orderly2' while running reports.

Includes the basic 'SQL' support originally included in  
'orderly' for establishing connections and setting up data for  
use within a report.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.1

**URL** <https://github.com/vimc/orderly.db>

**BugReports** <https://github.com/vimc/orderly.db/issues>

**Imports** DBI, fs, jsonlite, orderly2 (>= 1.99.10)

**Suggests** RSQLite, jsonvalidate (>= 1.4.0), knitr, mockery, rmarkdown,  
testthat (>= 3.0.0), withr

**Config/testthat/edition** 3

**Remotes** mrc-ide/orderly2, ropensci/jsonvalidate

**VignetteBuilder** knitr

**Language** en-GB

**Repository** <https://mrc-ide.r-universe.dev>

**RemoteUrl** <https://github.com/mrc-ide/orderly.db>

**RemoteRef** main

**RemoteSha** 3e4e65fff2e911d2530a3e202bf751ab180b8af5

## Contents

orderly_db_connection . . . . .	2
orderly_db_query . . . . .	2
orderly_db_view . . . . .	3

<b>Index</b>	<b>4</b>
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orderly\_db\_connection    *Create connection to database*

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**Description**

Create a persistent connection object to the database

**Usage**

```
orderly_db_connection(database = NULL, instance = NULL)
```

**Arguments**

database	The name of the database. This can be omitted (or NULL) where you only have a single database, but must be specified if you have more than one database configured.
instance	The instance of the database (within a given database). This can be omitted (or NULL) where you have not used instances or where you have only one configured.

**Value**

The connection object

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orderly\_db\_query        *Extract data from a database*

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**Description**

Extract data from a database

**Usage**

```
orderly_db_query(query, database = NULL, instance = NULL, name = NULL)
```

**Arguments**

query	Query to evaluate
database	The name of the database. This can be omitted (or NULL) where you only have a single database, but must be specified if you have more than one database configured.
instance	The instance of the database (within a given database). This can be omitted (or NULL) where you have not used instances or where you have only one configured.
name	An optional name that you can use to look up this query in your metadata.

**Value**

The extracted data

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orderly_db_view	Create temporary view
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**Description**

Create temporary view

**Usage**

orderly\_db\_view(query, as, database = NULL, instance = NULL)

**Arguments**

- |          |   |
|----------|---|
| query    | Query to create view from   |
| as       | Name of the view in the database  |
| database | The name of the database. This can be omitted (or NULL) where you only have a single database, but must be specified if you have more than one database configured. |
| instance | The instance of the database (within a given database). This can be omitted (or NULL) where you have not used instances or where you have only one configured.      |

**Value**

Undefined

# Index

orderly\_db\_connection, [2](#)  
orderly\_db\_query, [2](#)  
orderly\_db\_view, [3](#)