Package: joinXL (via r-universe)

October 25, 2026

Title Perform Joins or Minus Queries on 'Excel' Files

Version 1.0.1

Description Performs Joins and Minus Queries on 'Excel' Files fulljoinXL() Merges all rows of 2 'Excel' files based upon a common column in the files. innerjoinXL() Merges all rows from base file and join file when the join condition is met. leftjoinXL() Merges all rows from the base file, and all rows from the join file if the join condition is met. rightjoinXL() Merges all rows from the join file, and all rows from the base file if the join condition is met. minusXL() Performs 2 operations source-minus-target and target-minus-source If the files are identical all output files will be empty. Choose two 'Excel' files via a dialog box, and then follow prompts at the console to choose a base or source file and columns to merge or minus on.

Depends R (>= 3.3.1)

Imports readxl (>= 0.1.1), openxlsx (>= 3.0.0), timeSeries (>= 3022.101.2), data.table (>= 1.9.6), rChoiceDialogs(>= 1.0.6), R.utils(>= 2.3.0), rJava (>= 0.9-8), graphics (>= 3.3.1), Rcpp (>= 0.11.1), grDevices (>= 3.3.1), stats (>= 3.3.1), timeDate (>= 2150.95)

VignetteBuilder knitr

License GPL-3

Encoding UTF-8

LazyData true

URL http://github.com/yvonneglanville/joinXL

BugReports http://github.com/yvonneglanville/joinXL/issues

RoxygenNote 5.0.1

Suggests knitr, rmarkdown

NeedsCompilation no

Author Yvonne Glanville [aut, cre]

Maintainer Yvonne Glanville <yvonneglanville@gmail.com>

Repository https://cran.r-universe.dev

Date/Publication 2016-09-19 01:45:37 UTC

RemoteUrl https://github.com/cran/joinXL

RemoteRef HEAD

RemoteSha e26c8b64148e0f5c16c231e685c465e0115190fa

Contents

fulljoinXL 2
innerjoinXL 3
leftjoinXL 4
minusXL 4
rightjoinXL 5

Index **7**

`fulljoinXL` *Performs a SQL type full join on 2 Excel files*

Description

Merges all rows of 2 Excel files based upon a common column in each file. Choose 2 files via dialog box. Prompted at the console to make 1 file a base file. Prompted to choose a column from each Excel file to use as the join condition.

Usage

```
fulljoinXL()
```

Value

The joined file, full_join.xlsx is placed in the working directory.

Author(s)

Yvonne Glanville, <yvonneglanville@gmail.com>

See Also

`innerjoinXL` for SQL type inner join, `leftjoinXL` for SQL type left join, `rightjoinXL` for SQL type right join, `minusXL` for file1 minus file2

Other X.joinXL.: `innerjoinXL`, `leftjoinXL`, `minusXL`, `rightjoinXL`

Examples

```
## Not run:
fulljoinXL();

## End(Not run)
```

`innerjoinXL` *Performs a SQL type inner join on 2 Excel files*

Description

Merges all rows from base file and join file if the join condition is met. Choose 2 files via dialog box. Prompted at the console to make 1 file a base file. Prompted to choose a column from each Excel file to use as the join condition.

Usage

```
innerjoinXL()
```

Value

The joined file, inner_join.xlsx is placed in the working directory.

Author(s)

Yvonne Glanville, <yvonneglanville@gmail.com>

See Also

`fulljoinXL` for SQL type full join, `leftjoinXL` for SQL type left join, `rightjoinXL` for SQL type right join, `minusXL` for file1 minus file2

Other X.joinXL.: `fulljoinXL`, `leftjoinXL`, `minusXL`, `rightjoinXL`

Examples

```
## Not run:
innerjoinXL();

## End(Not run)
```

leftjoinXL — *Performs a SQL type left join on 2 Excel files*

Description

Selects all rows from the base file, and all rows from the join file if the join condition is met. Choose 2 files via dialog box. Prompted at the console to make 1 file a base file. Prompted to choose a column from each Excel file to use as the join condition.

Usage

```
leftjoinXL()
```

Value

The joined file, left_join.xlsx is placed in the working directory.

Author(s)

Yvonne Glanville, <yvonneglanville@gmail.com>

See Also

`innerjoinXL` for SQL type inner join, `fulljoinXL` for SQL type full join, `rightjoinXL` for SQL type right join, `minusXL` for file1 minus file2

Other X.joinXL.: `fulljoinXL`, `innerjoinXL`, `minusXL`, `rightjoinXL`

Examples

```
## Not run:
leftjoinXL();

## End(Not run)
```

minusXL — *Performs a SQL type minus query on 2 Excel files*

Description

Performs 2 operations: source-minus-target and target-minus-source If the files are identical all outputs are empty. Choose 2 files via dialog box, and then from the console choose the common column between the files. 3 separate .xlsx files are returned to the user "source_minus_target.xlsx" "target_minus_source.xlsx" "rowsNOTduplicated.xlsx"

Usage

```
minusXL()
```

Value

In working directory: source_minus_target.xlsx, target_minus_source.xlsx, rowsNOTduplicated.xlsx

Author(s)

Yvonne Glanville, <yvonneglanville@gmail.com>

See Also

innerjoinXL for SQL type inner join, leftjoinXL for SQL type left join, rightjoinXL for SQL type right join, fulljoinXL for SQL type full join

Other X.joinXL.: fulljoinXL, innerjoinXL, leftjoinXL, rightjoinXL

Examples

```
## Not run:
minusXL();

## End(Not run)
```

---

rightjoinXL *Performs a SQL type right join on 2 Excel files*

Description

Selects all rows from the join file, and all rows from the base file if the join condition is met. Choose 2 files via dialog box. Prompted at the console to make 1 file a base file. Prompted to choose a column from each Excel file to use as the join condition.

Usage

```
rightjoinXL()
```

Value

The joined file, right_join.xlsx is placed in the working directory.

Author(s)

Yvonne Glanville, <yvonneglanville@gmail.com>

See Also

innerjoinXL for SQL type inner join, leftjoinXL for SQL type left join, fulljoinXL for SQL type full join, minusXL for file1 minus file2

Other X.joinXL.: fulljoinXL, innerjoinXL, leftjoinXL, minusXL

Examples

```
## Not run:
rightjoinXL();

## End(Not run)
```

Index

fulljoinXL, 2, *3–6*

innerjoinXL, *2*, 3, *4–6*

leftjoinXL, *2, 3*, 4, *5, 6*

minusXL, *2, 3*, 4, *4*, *6*

rightjoinXL, *2–4*, 5, *5*