

Package: modgetxl (via r-universe)

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Title A 'shiny' Module for Reading Excel Sheets

Version 0.4

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Imports shiny, DT, shinydashboard, readxl

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Description This is a shiny module that presents a file picker user interface to get an Excel file name, and reads the Excel sheets using 'readxl' package and returns the resulting sheet(s) as a vector and data in dataframe(s).

RoxygenNote 7.0.1

NeedsCompilation no

Config/pak/sysreqs cmake make libuv1-dev zlib1g-dev

Repository <https://cranhaven.r-universe.dev>

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*getxl**getxl*

Description

Convert excel sheets to dataframes, display in DT, and return the dataframes

Usage

```
getxl(input, output, session)
```

Arguments

| | |
|---------|---------------------------|
| input | is shiny input variable |
| output | is shiny output variable |
| session | is shiny session variable |

Details

This is a shiny module that presents a file picker UI to get an Excel file name, and reads the Excel sheets using readxl package and returns the resulting sheet(s) as a vector and data in dataframe(s).

See Also

See xlex for examples

*getxlUI**getxlUI*

Description

UI to get a excel file name

Usage

```
getxlUI(id)
```

Arguments

| | |
|----|--------------------|
| id | is the caller's id |
|----|--------------------|

| | |
|--------|---------------|
| xldisp | <i>xldisp</i> |
|--------|---------------|

Description

Server function to display excel data as DT

Usage

```
xldisp(input, output, session, xlfile, skiprows)
```

Arguments

| | |
|----------|---|
| input | is shiny input variable |
| output | is shiny output variable |
| session | is shiny session variable |
| xlfile | is the name of the xl file being got |
| skiprows | is number of rows to skip in the excel file |

| | |
|----------|-----------------|
| xldispUI | <i>xldispUI</i> |
|----------|-----------------|

Description

UI to display excel sheets read as individual data tables

Usage

```
xldispUI(id, xlfile)
```

Arguments

| | |
|--------|--------------------------------------|
| id | is caller's id |
| xlfile | is the name of the xl file being got |

`xlex`*getxl Examples*

Description

use shiny module getxl/UI for interactive input of Excel files

Examples

```
library(shiny)
library(modgetxl)
app<- shinyApp(
  ui= uiOutput('xltest'),

  server= function(input, output) {
    sink(file=stderr())
    options(shiny.maxRequestSize=1*1024^2) # 1MB

    output$xltest<- renderUI({
      getxlUI('server')
    })

    xl<- callModule(getxl, 'server')
    # excel sheets info and data are available once user uploads excel file in UI
    # returned xl has reactiveValues of two variables as below
    observeEvent(xl$sheets,{
      print(xl$sheets)
      print(head(xl$sheetdata[[1]]))
    })
  }

)
## Not run:
runApp(app)

## End(Not run)
```

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