

# Package: modgetxl (via r-universe)

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**Title** A 'shiny' Module for Reading Excel Sheets

**Version** 0.4

**License** MIT + file LICENSE

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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

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

**RemoteUrl** <https://github.com/byadu/modgetxl>

**RemoteRef** HEAD

**RemoteSha** d9d0d6e7e57d582c7891b51329e6c00e3019a398

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*getxl**getxl*

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**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

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*getxlUI**getxlUI*

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**Description**

UI to get a excel file name

**Usage**

```
getxlUI(id)
```

**Arguments**

id	is the caller's id
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xldisp	<i>xldisp</i>
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**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

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xldispUI	<i>xldispUI</i>
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**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

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`xlex`*getxl Examples*

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**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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