

Package ‘guiplot’

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Type Package

Title User-Friendly GUI Plotting Tools

Version 0.5.0

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Description Create a user-friendly plotting GUI for 'R'.

In addition, one purpose of creating the 'R' package is to facilitate third-party software to call 'R' for drawing, for example, 'Phoenix WinNonlin' software calls 'R' to draw the drug concentration versus time curve.

URL <https://s0521.github.io/guiplot/about/>

Imports shiny(>= 1.0.0), ggplot2 (>= 3.3.0), svglite, DT, rlang (>= 0.3.1), stats, magrittr, R6, excelR, jsonlite

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Depends R (>= 4.1.0)

Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

NeedsCompilation no

Repository CRAN

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colClass_as	<i>colClass_as</i>
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Description

colClass_as

Usage

```
colClass_as(data, type)
```

Arguments

data	data.frame only. The dataset to be modified
type	Vector of strings. Only four class are supported c("logical", "numeric", "factor", "character")

Value

data.frame.

Examples

```
if (interactive()) {
# Launch with built-in PK data set:
colClass_as(PK,c("character", "numeric", "factor", "character"))
}
```

guiplot	<i>guiplot</i>
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Description

guiplot

Usage

```
guiplot(..., out_dir = getwd())
```

Arguments

...	Matrix or data frame
out_dir	The storage path of the output picture, recommend 'out_dir=getwd()'

Value

Export files(png and pdf of plot) to a temporary directory, or user-defined folders.

Examples

```
if (interactive()) {  
  # Launch with built-in PK data set:  
  guiplot(PK)  
}  
  
## Not run:  
# Launch with memory-in data set:  
guiplot()  
  
# Launch with memory-in data set, and output plot to user-defined folders:  
guiplot(PK,out_dir= Any_directory_you_want_to_export)  
  
## End(Not run)
```

PK

somedata

Description

used to demo of this package

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