

# 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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## R topics documented:

colClass_as . . . . .	2
guiplot . . . . .	2
PK . . . . .	3

<b>Index</b>	<b>4</b>
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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"))
}
```

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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)
```

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PK

*somedata*

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**Description**

used to demo of this package

# Index

colClass\_as, [2](#)

guiplot, [2](#)

PK, [3](#)