

Package ‘pagenum’

October 14, 2022

Type Package

Title Put Page Numbers on Graphics

Version 1.2

Date 2021-04-16

Description A simple way to add page numbers to base/ggplot/lattice graphics.

License GPL-3

Encoding UTF-8

URL <https://kwstat.github.io/pagenum/>

BugReports <https://github.com/kwstat/pagenum/issues>

VignetteBuilder knitr

Imports grid

Suggests ggplot2, knitr, lattice, rmarkdown, testthat

RoxygenNote 7.1.1

NeedsCompilation no

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Repository CRAN

Date/Publication 2021-04-17 04:50:02 UTC

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pagenum

Put Page Numbers on Graphics

Description

Put Page Numbers on Graphics

Usage

```

pagenum(
  num,
  text = "Page",
  date = FALSE,
  date.format,
  x = 0.03,
  y = 0.03,
  just = c("left", "bottom"),
  col = "gray50",
  cex = 0.75
)

setPagenum(num = 1)

getPagenum()

```

Arguments

num	The number to put on the page. If no number is given, the value of <code>options()\$pagenum</code> is used.
text	The text to use in front of the page number.
date	If FALSE (default), do not add a date below the page number.
date.format	The format to use for the date.
x	Horizontal position of timestamp, in [0,1]. Default .03
y	Vertical position of timestamp, in [0,1]. Default .03
just	Justification. Default <code>c('left','bottom')</code>
col	Color to use for the text.
cex	Character expansion. Default 0.75.

Details

Use `setPagenum` to create a global variable with the page number.

If `pagenum()` is called without an argument, the value of `options()$pagenum` is used to determine the page number.

Each time `pagenum()` is called, `options()$pagenum` is automatically incremented by 1.

Value

Returns the value stored by the global variable.

Returns the value of `options()$pagenum`

Author(s)

Kevin Wright

References

Mark Heckmann (2009). R: Good practice - adding footnotes to graphics. <https://ryouready.wordpress.com/2009/02/17/r-good-practice-adding-footnotes-to-graphics/>

Examples

```
# base graphics
setPagenum(1)
plot(Sepal.Length~Sepal.Width, data=iris, col=Species, pch=19)
pagenum()

# lattice, date
setPagenum(getPagenum()+1) # Manual increment
require(lattice)
xyplot(Sepal.Length~Sepal.Width, data=iris, groups=Species)
pagenum(date=TRUE)

# ggplot2, top-right
require(ggplot2)
ggplot(iris, aes(x=Sepal.Width, y=Sepal.Length,
  color=Species)) + geom_point() + theme_classic()
pagenum(text="ABC Corp - ", date=TRUE,
x=.95, y=.95, just=c('right','top'))

# multiple figures, 'draft' watermark
op = par(mfrow=c(1,2))
plot(Sepal.Length ~ Sepal.Width, data=iris, col=Species, pch=19)
plot(Petal.Length ~ Petal.Width, data=iris, col=Species, pch=19)
par(op)
pagenum(num="", text="Figures 2a, 2b")
pagenum(num="", text="Draft",
  x=.5, y=.95, just=c('center','top'),
  col="wheat", cex=3)
```

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