

Package ‘prettyB’

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Type Package

Title Pretty Base Graphics

Version 0.2.1

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Description Drop-in replacements for standard base graphics functions. The replacements are prettier versions of the originals.

URL <https://github.com/jumpingrivers/prettyB/>

BugReports <https://github.com/jumpingrivers/prettyB//issues>

License GPL-2 | GPL-3

Imports grDevices, stats, graphics

Suggests testthat, vdiffr, covr, linter, knitr

Encoding UTF-8

LazyData true

VignetteBuilder knitr

RoxygenNote 6.1.1

NeedsCompilation no

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Repository CRAN

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```
prettyB-package      The prettyB package
```

Description

Anyone who uses R Base graphics, have a 100 and 1 tweaks that they use to make the figures more presentable. This package aims to capture the tweaks in one place. By masking_standard plotting functions, we can automatically make base graphics a bit more pretty.

Author(s)

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See Also

<https://github.com/jumpingrivers/prettyB>

```
barplot.prettyB      PrettyB barplot.default function
```

Description

This function overrides the default arguments. See ?graphics::barplot.default

Usage

```
## S3 method for class 'prettyB'
barplot(height, width = 1, space = NULL,
        names.arg = NULL, legend.text = NULL, beside = FALSE,
        horiz = FALSE, density = NULL, angle = 45, col = NULL,
        border = par("fg"), main = NULL, sub = NULL, xlab = NULL,
        ylab = NULL, xlim = NULL, ylim = NULL, xpd = TRUE, log = "",
        axes = TRUE, axisnames = TRUE, cex.axis = par("cex.axis"),
        cex.names = par("cex.axis"), inside = TRUE, plot = TRUE,
        axis.lty = 0, offset = 0, add = FALSE, args.legend = NULL, ...)

barplot_p(height, width = 1, space = NULL, names.arg = NULL,
          legend.text = NULL, beside = FALSE, horiz = FALSE,
          density = NULL, angle = 45, col = NULL, border = par("fg"),
          main = NULL, sub = NULL, xlab = NULL, ylab = NULL, xlim = NULL,
          ylim = NULL, xpd = TRUE, log = "", axes = TRUE,
          axisnames = TRUE, cex.axis = par("cex.axis"),
          cex.names = par("cex.axis"), inside = TRUE, plot = TRUE,
          axis.lty = 0, offset = 0, add = FALSE, args.legend = NULL, ...)
```

Arguments

height, width, space
 See ?graphics::barplot.default
 names.arg, legend.text, beside
 See ?graphics::barplot.default
 horiz, density, angle, col
 See ?graphics::barplot.default
 border, main, sub, xlab, ylab
 See ?graphics::barplot.default
 xlim, ylim, xpd, log, axes
 See ?graphics::barplot.default
 axisnames, cex.axis, cex.names
 See ?graphics::barplot.default
 inside, plot, axis.lty
 See ?graphics::barplot.default
 offset, add, args.legend
 See ?graphics::barplot.default
 ... See ?graphics::barplot.default

Examples

```
barplot(VADeaths)
```

<code>boxplot.prettyB</code>	<i>PrettyB boxplot.default function</i>
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Description

This function overrides the default arguments. See ?graphics::boxplot.default

Usage

```
## S3 method for class 'prettyB'
boxplot(x, ..., range = 1.5, width = NULL,
  varwidth = FALSE, notch = FALSE, outline = TRUE, names,
  plot = TRUE, border = par("fg"), col = NULL, log = "",
  pars = list(boxwex = 0.8, staplewex = 0.5, outwex = 0.5),
  horizontal = FALSE, add = FALSE, at = NULL)

boxplot_p(x, ..., range = 1.5, width = NULL, varwidth = FALSE,
  notch = FALSE, outline = TRUE, names, plot = TRUE,
  border = par("fg"), col = NULL, log = "", pars = list(boxwex =
  0.8, staplewex = 0.5, outwex = 0.5), horizontal = FALSE, add = FALSE,
  at = NULL)
```

Arguments

x, ..., range, width
 See ?graphics::boxplot.default
 varwidth, notch, outline
 See ?graphics::boxplot.default
 names, plot, border
 See ?graphics::boxplot.default
 col, log, pars See ?graphics::boxplot.default
 horizontal, add, at
 See ?graphics::boxplot.default

 hist.prettyB

PrettyB hist.default function

Description

This function overrides the default arguments. See ?graphics::hist.default

Usage

```
## S3 method for class 'prettyB'
hist(x, breaks = "Sturges", freq = NULL,
     probability = !freq, include.lowest = TRUE, right = TRUE,
     density = NULL, angle = 45, col = NULL, border = NULL,
     main = paste("Histogram of", xname), xlim = range(breaks),
     ylim = NULL, xlab = xname, ylab, axes = TRUE, plot = TRUE,
     labels = FALSE, nclass = NULL, warn.unused = TRUE, ...)

hist_p(x, breaks = "Sturges", freq = NULL, probability = !freq,
       include.lowest = TRUE, right = TRUE, density = NULL, angle = 45,
       col = NULL, border = NULL, main = paste("Histogram of", xname),
       xlim = range(breaks), ylim = NULL, xlab = xname, ylab,
       axes = TRUE, plot = TRUE, labels = FALSE, nclass = NULL,
       warn.unused = TRUE, ...)
```

Arguments

x, breaks, freq, probability
 See ?graphics::hist.default
 include.lowest, right, density
 See ?graphics::hist.default
 angle, col, border, main
 See ?graphics::hist.default
 xlim, ylim, xlab, ylab, axes, plot
 See ?graphics::hist.default

```

labels, nclass, warn.unused
                        See ?graphics::hist.default
...
                        See ?graphics::hist.default

```

Examples

```

x = rlnorm(100)
hist(x)

```

plot.prettyB	<i>PrettyB plot.default function</i>
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Description

This function overrides the default arguments. See `?graphics::plot.default`

Usage

```

## S3 method for class 'prettyB'
plot(x, y = NULL, type = "p", xlim = NULL,
     ylim = NULL, log = "", main = NULL, sub = NULL, xlab = NULL,
     ylab = NULL, ann = par("ann"), axes = TRUE, frame.plot = axes,
     panel.first = NULL, panel.last = NULL, asp = NA, ...)

plot_p(x, y = NULL, type = "p", xlim = NULL, ylim = NULL,
      log = "", main = NULL, sub = NULL, xlab = NULL, ylab = NULL,
      ann = par("ann"), axes = TRUE, frame.plot = axes,
      panel.first = NULL, panel.last = NULL, asp = NA, ...)

```

Arguments

```

x, y, type, log
                        See ?graphics::plot.default

xlim, ylim
                        See ?graphics::plot.default

main, sub, xlab, ylab
                        See ?graphics::plot.default

ann, axes
                        See ?graphics::plot.default

frame.plot, panel.first, panel.last
                        See ?graphics::plot.default

asp
                        See ?graphics::plot.default

...
                        See ?graphics::plot.default

```

reset_prettyB	<i>Set up par and palette Sets up par and palette</i>
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Description

Set up par and palette

Sets up par and palette

Usage

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