Package 'piechart'

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Description Plot a 2-D pie chart

Title Plot Pie Chart

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Suggests testthat, devtools, roxygen2

R topics documented:

`piechart` *Draw a 2-dimensional pie chart*

Description

Draw a 2-dimensional pie chart

Usage

```
piechart(x, labels = names(x), edges = 200, radius = 0.8,
  clockwise = FALSE, init.angle = if (clockwise) 90 else 0,
  density = NULL, angle = 45, col = NULL, border = NULL, lty = NULL,
  main = NULL, ...)
```

Arguments

x	A vector of non-negative numerical quantities. The values in x are displayed as the areas of pie slices.
labels	One or more expressions or character strings giving names for the slices.
edges	The circular outline of the pie is approximated by a polygon with this many edges.
radius	The pie is drawn centered in a square box whose sides range from -1 to 1.
clockwise	Logical indicating if slices are drawn clockwise or counter clockwise, the latter is default.
init.angle	Number specifying the starting angle (in degrees) for the slices.
density	The density of shading lines, in lines per inch. The default value of NULL means that no shading lines are drawn.
angle	The slope of shading lines, given as an angle in degrees (counter-clockwise).
col	A vector of colors to be used in filling or shading the slices.
border,lty	(Possibly vectors) arguments passed to polygon which draws each slice.
main	An overall title for the plot.
...	Graphical parameters can be given as arguments to pie. They will affect the main title and labels only.

Value

A colored 2-dim pie chart

Author(s)

Sijing Li

Examples

```
piechart(rep(1, 24), col = rainbow(24), radius = 0.9)

pie.sales <- c(0.12, 0.3, 0.26, 0.16, 0.04, 0.12)
names(pie.sales) <- c("Blueberry", "Cherry", "Apple",
"Boston Cream", "Other", "Vanilla Cream")
piechart(pie.sales) # default colours
piechart(pie.sales, col = c("purple", "violetred1", "green3",
"cornsilk", "cyan", "white"))
```

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