

Package: ggradar (via r-universe)

October 15, 2026

Title Create radar charts using ggplot2

Version 0.2

Description This package exports the functionality of ggplot2 to create radar charts.

License GPL

Imports forcats, ggplot2

Suggests testthat (>= 2.1.0)

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Repository <https://lauyeehow1986-hub.r-universe.dev>

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RemoteUrl <https://github.com/ricardo-bion/ggradar>

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CalculateAxisPath	<i>Calculate Axis Path</i>
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Description

Calculates x-y coordinates for a set of radial axes (one per variable being plotted in radar plot)

Usage

```
CalculateAxisPath(var.names, min, max)
```

Arguments

var.names	list of variables to be plotted on radar plot
min	MINIMUM value required for the plotted axes (same value will be applied to all axes)
max	MAXIMUM value required for the plotted axes (same value will be applied to all axes)

Value

a dataframe of the calculated axis paths

CalculateGroupPath	<i>Calculate Group Path</i>
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Description

Converts variable values into a set of radial x-y coordinates

Usage

```
CalculateGroupPath(df)
```

Arguments

df	a dataframe with Col 1 is group ('unique' cluster / group ID of entity) and Col 2-n are v1.value to vn.value - values (e.g. group/cluser mean or median) of variables v1 to v.n
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Value

a dataframe of the calculated axis paths

Source

Code adapted from a solution posted by Tony M to <http://stackoverflow.com/questions/9614433/creating-radar-chart-a-k-a-star-plot-spider-plot-using-ggplot2-in-r>.

funcCircleCoords	<i>Generate circle coordinates</i>
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Description

Generate coordinates to draw a circle.

Usage

```
funcCircleCoords(center = c(0, 0), r = 1, npoints = 100)
```

Arguments

center	coordinate for centroid
r	radius
npoints	number of coordinates to generate

Value

a dataframe

Source

Adapted from Joran's response to <http://stackoverflow.com/questions/6862742/draw-a-circle-with-ggplot2>.

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