R documentation

of 'part_coords.Rd'

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part_coords *Generating the Graphical Object of a Partition*

Description

This function uses the grid package to generate a grid grob which corresponds to a given partition when drawn.

Usage

```
part_coords(partition, type = "rect", eps = 0.1, params = gpar(),
...)
```

Arguments

partition	vector of non-negative integers representing a partition
type	grob elements used to represent the partition
eps	buffer distance placed around the partition
params	list of graphical parameters to be passed to the grob creation function
...	grob creation function

Details

This function uses the provided vector of non-negative integers to plot either rectangles or circles which represent the partition.

Value

a grid grob (graphical object)

Author(s)

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Examples

```
## generate the object for the partition c(4,1,0,0,0)
prt <- part_coords(c(4,1,0,0,0), type = "rect", eps = 0.1)
grid.draw(prt)

## increase eps and change the type to circles
prt2 <- part_coords(c(4,1,0,0,0), type = "circle", eps = 0.5)
```

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