Package: gridcol (via r-universe)

September 3, 2024

Title Gridded Vectors

Version 0.0.0.9000

Description Vectors for cell indexes from raster grids.

Depends R (>= 3.4.0)

Imports raster, methods

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Repository https://hypertidy.r-universe.dev

RemoteUrl https://github.com/hypertidy/gridcol

RemoteRef HEAD

RemoteSha c2cb26996b8dfec9ec05926b1e3e7cd16ac49cf9

Contents

gridcol	*Title*

Description

Title

Usage

```
gridcol(x, grid, ...)

## S3 method for class 'numeric'
gridcol(x, grid, ...)

## S3 method for class 'integer'
gridcol(x, grid, ...)

## S3 method for class 'RasterLayer'
gridcol(x, grid, ...)

gc_tibble(x, ...)

## S3 method for class 'BasicRaster'
gc_tibble(x, ...)
```

Arguments

```
...
```

Examples

```
library(raster)
gridcol(1, raster(volcano))
gridcol(1, volcano)
gridcol(seq_len(prod(dim(volcano))), volcano)
```

grid_spec	*Title*

Description

Title

Usage

```
grid_spec(x, ...)

## Default S3 method:
grid_spec(x, ...)

## S3 method for class 'BasicRaster'
grid_spec(x, ...)

## S3 method for class 'gridcol'
grid_spec(x, ...)

## S3 method for class 'gridspec'
grid_spec(x, ...)
```

Arguments

```
...
```

Examples

```
library(raster)
grid_spec(raster(volcano))
grid_spec(grid_spec(raster(volcano)))
grid_spec(grid_spec(volcano))
gridcol(1, raster(volcano))
```

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raster.gridcol *raster methods*

Description

raster methods

Usage

```
raster.gridcol(x, ...)
```

Arguments

```
x
```

---

raster.gridspec	*raster methods*

Description

raster methods

Usage

```
raster.gridspec(x, ...)
```

Arguments

```
...
```

---

x_coord	*X coordinate*

Description

X coordinate

Usage

```
x_coord(x, ...)

## S3 method for class 'gridcol'
x_coord(x, ...)

y_coord(x, ...)

## S3 method for class 'gridcol'
y_coord(x, ...)
```

Arguments

x	gridcol
...	arguments for methods

Examples

```
x_coord(gridcol(1:10, raster(volcano)))
y_coord(gridcol(1:10, raster(volcano)))
```

[.gridcol   *gridcol methods*

Description

gridcol methods

Usage

```
## S3 method for class 'gridcol'
x[i]

## S3 method for class 'gridcol'
x[[i]]
```

Arguments

i

[<-.gridcol   *Title*

Description

Title

Usage

```
## S3 replacement method for class 'gridcol'
x[i] <- value
```

Arguments

value

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