

# Package ‘shadowtext’

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**Title** Shadow Text Grob and Layer

**Version** 0.0.4

**Description** Implement shadowtextGrob() for 'grid' and geom\_shadowtext() layer for 'ggplot2'.  
These functions create/draw text grob with background shadow.

**Depends** R (>= 3.4.0)

**Imports** ggplot2, grid

**Suggests** knitr, prettydoc

**VignetteBuilder** knitr

**License** Artistic-2.0

**Encoding** UTF-8

**LazyData** true

**URL** <https://github.com/GuangchuangYu/shadowtext/>

**BugReports** <https://github.com/GuangchuangYu/shadowtext/issues>

**RoxygenNote** 6.1.1

**NeedsCompilation** no

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**Repository** CRAN

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geom\_shadowtext      *geom\_shadowtext*

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### Description

a shadow version of geom\_text

### Usage

```
geom_shadowtext(mapping = NULL, data = NULL, stat = "identity",  
  position = "identity", ..., parse = FALSE, nudge_x = 0,  
  nudge_y = 0, check_overlap = FALSE, na.rm = FALSE,  
  show.legend = NA, inherit.aes = TRUE)
```

### Arguments

mapping	aesthetic mapping
data	the data to be displayed
stat	statistical transformation
position	position adjustment
...	additional parameter
parse	whether parse text as expression
nudge_x	horizontal adjustment of text
nudge_y	vertical adjustment of text
check_overlap	whether check overlap
na.rm	whether remove NA values
show.legend	whether show legend
inherit.aes	whether inherit aes from ggplot

### Value

layer

### Author(s)

guangchuang yu

### Examples

```
library(ggplot2)  
d <- data.frame(x = rnorm(3), y=rnorm(3), label = c('hello', 'world', '!!!'))  
ggplot(d, aes(x,y)) + geom_shadowtext(aes(label=label, color=label), bg.colour='firebrick')
```

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shadowtextGrob	<i>shadowtextGrob</i>
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**Description**

create and draw text

**Usage**

```
shadowtextGrob(label, x = unit(0.5, "npc"), y = unit(0.5, "npc"),
  just = "centre", hjust = NULL, vjust = NULL, rot = 0,
  check.overlap = FALSE, default.units = "npc", name = NULL,
  gp = gpar(col = "white"), vp = NULL, bg.colour = "black",
  bg.r = 0.1)
```

```
grid.shadowtext(label, x = unit(0.5, "npc"), y = unit(0.5, "npc"),
  just = "centre", hjust = NULL, vjust = NULL, rot = 0,
  check.overlap = FALSE, default.units = "npc", name = NULL,
  gp = gpar(col = "white"), vp = NULL, bg.colour = "black",
  bg.r = 0.1, draw = TRUE)
```

**Arguments**

label	text labels
x	x position
y	y position
just	The justification of the text, can be 'left', 'right', 'center', 'bottom' and 'top'
hjust	horizontal adjustment
vjust	vertical adjustment
rot	angle to rotate the text
check.overlap	whether check for and omit overlapping text
default.units	default unit of x and y
name	identifier
gp	gpar object
vp	viewport object
bg.colour	background color of shadow text
bg.r	background ratio of shadow text
draw	whether draw the grob

**Value**

grob object

**Author(s)**

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