

ggwordcloud

a word cloud geometry for ggplot2



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useR! - Toulouse - 11/07/2019



wordcloud

- **base graphics**
- fast but crude placement algorithm in R

wordcloud2

- **html graphics**
- placement algorithm in js
- lots of bell and whistles (arbitrary rotation, mask...)

Word Zones



Robert Kosara 🧐 @eagereyes · 23 avr.
New post on the @vis_research group blog: Word Clouds: We Can't Make Them Go Away, So Let's Improve Them

Traduire le Tweet

Word Clouds: We Can't Make Them Go Away, So Let's Improve Them
Grouping words visually that have related meaning improves people's ability to detect underlying categories.
medium.com

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Erwan Le Penne @ELePennec

En réponse à @eagereyes @vis_research

If you are a ggplot2 fan, you can try the ggwordcloud package. It can draw wordzones. I wasn't aware of the concept but accidentally make them possible... #rstats #ggwordcloud

Interest of a Grammar

- Can produce graphs which were not planned!

Thank you to the R ecosystem



Code and algorithm

- ggplot2: environment
- ggrepel: basis of the code
- wordcloud/wordcloud2: source of inspiration

Environment

- rstudio...
- usethis: package skeleton
- testthat: unit testing
- devtools/rhub: package dev/testing before CRAN
- pkgdown: documentation

