

Updated Colourful Cheatsheet

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October 1, 2021

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1 Preliminary Information

1.1 Cheatsheet Examples

Key concepts I

Bag-of-words (BOW)

type vs. token

To be or not to be. = 6 tokens, 4 types.

type

descriptive criterion^a

token

unit of analysis^b

Key topics

- One
- Two
- Three

^acf. Stroustrup 2014, 12.

^bcf. Stroustrup 2014; Wu 2016, 12.

2 Tools

Lorem Ipsum

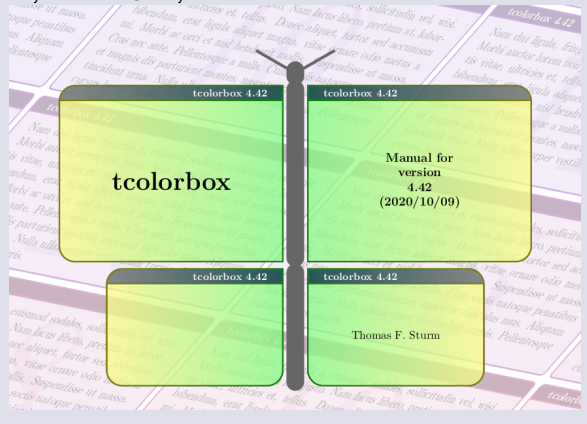
test ● test ● test ● test

Visualize

1. **present** your data
2. **analyze** the information
3. **explore** the findings

Voyant Tools

Voyant Tools ● Voyant Tools



Project Gutenberg Texts

84	Frankenstein; Or, The Modern Prometheus by Mary Wollstonecraft Shelley
6087	The Vampire; a Tale by John William Polidori
696	The Castle of Otranto by Horace Walpole
42	The Strange Case of Dr. Jekyll and Mr. Hyde by Robert Louis Stevenson

Key concepts

Bag-of-words (BOW)

Zipf's Law

`_À!$Agrave/()$` code
`shutdown -h now` to shutdown

3 Programming

3.1 Code boxes

Code box using R

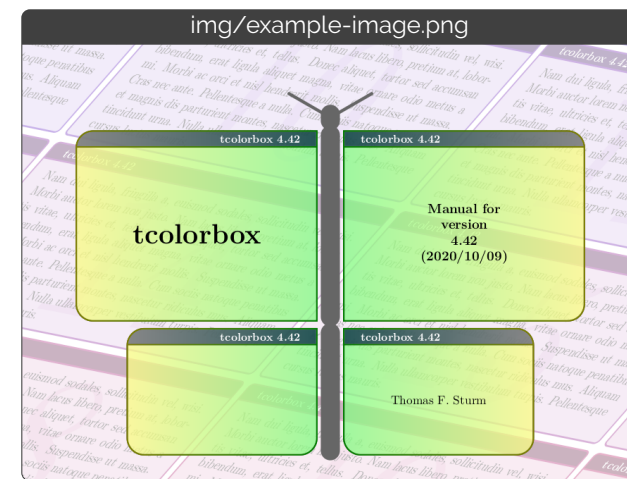
```
1 # Install
2 install.packages("tm") # for text mining
3
4 # Load
5 library("tm")
6
7 # text <- readLines(file.choose())
8 # Read the text file from internet
9 filePath <- "http://www.internet.com/text.txt"
10 text <- readLines(filePath)
```

Code box using C++

```
1 for (auto element : vector)
2 {
3     sum += element;
4 }
```

4 Graphics

The following is an example for a custom graphics command



5 Other types of boxes

The Alert Block

Suspendisse vitae elit. Aliquam arcu neque, ornare in, ullamcorper quis, commodo eu, libero. Fusce sagittis erat at erat tristique mollis. Maecenas sapien libero, molestie et, lobortis in, sodales eget, dui. Morbi ultrices rutrum lorem. Nam elementum ullamcorper leo. Morbi dui. Aliquam sagittis. Nunc placerat. Pellentesque tristique sodales est. Maecenas imperdiet lacinia velit. Cras non urna. Morbi eros pede, suscipit ac, varius vel, egestas non, eros. Praesent malesuada, diam id pretium elementum, eros sem dictum tortor, vel consectetur odio sem sed wisi.

The Example Block

Etiam suscipit aliquam arcu. Aliquam sit amet est ac purus bibendum congue. Sed in eros. Morbi non orci. Pellentesque mattis lacinia elit. Fusce molestie velit in ligula. Nullam et orci vitae nibh vulputate auctor. Aliquam eget purus. Nulla auctor wisi sed ipsum. Morbi porttitor tellus ac enim. Fusce ornare. Proin ipsum enim, tincidunt in, ornare venenatis, molestie a, augue. Donec vel pede in lacus sagittis porta. Sed hendrerit ipsum quis nisl. Suspendisse quis massa ac nibh pretium cursus. Sed sodales. Nam eu neque quis pede dignissim ornare. Maecenas eu purus ac urna tincidunt congue.

<https://github.com> Github Link Example

Branch

Explanation

Commit

What's a commit?

Staging

s. Index

Lipsum

Nunc velit. Nullam elit sapien, eleifend eu, commodo nec, semper sit amet, elit. Nulla lectus risus, condimentum ut, laoreet eget, viverra nec, odio. Proin lobortis. Curabitur dictum arcu vel wisi. Cras id nulla venenatis tortor congue ultrices. Pellentesque eget pede. Sed eleifend sagittis elit. Nam sed tellus sit amet lectus ullamcorper tristique. Mauris enim sem, tristique eu, accumsan at, scelerisque vulputate, neque. Quisque lacus. Donec et ipsum sit amet elit nonummy aliquet. Sed viverra nisl at sem. Nam diam. Mauris ut dolor. Curabitur ornare tortor cursus velit.

Yay Quotes

“ Yay, a quote! ”

“ Yay, a longer quote! Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur. ”

References

- [1] Bjarne Stroustrup. *Programming, Principles and Practice Using C++*. 2nd Edition. NY: Addison-Wesley, 2014.
- [2] Tim Wu. *The Attention Merchants: The Epic Scramble to Get Inside Our heads*. NY, 2016.