

# Colorful Cheatsheet: A Template

L<sup>A</sup>T<sub>E</sub>X Ninja

July 2019

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## 1 Overview

### Lorem Ipsum

“ Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet. ”

“ “Parents of young organic life forms should be warned, that toxins can be harmful, if swallowed in large quantities.” ”

“ A fool with a tool is still a fool! (Grady Booch) ”

## Key concepts I

### Bag-of-words (BOW)

#### type vs. token

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

#### type

descriptive criterion<sup>a</sup>

#### token

unit of analysis<sup>b</sup>

#### Key topics

- One
- Two
- Three

<sup>a</sup>cf. Stroustrup 2014, 12.

<sup>b</sup>cf. Stroustrup 2014; Wu 2016, 12.

## 2 Tools

### Lorem Ipsum

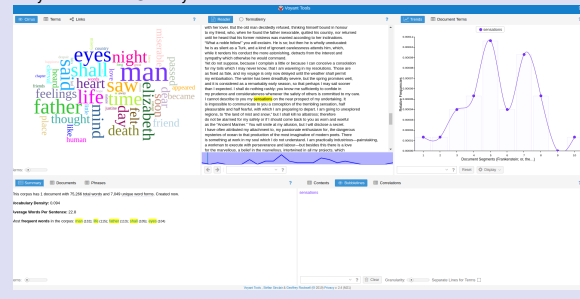
test ● test ● test ● test

#### 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 Vampyre; 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

`_&Agrave;!$&Agrave;/()$` ..... code  
`shutdown -h now` ..... to shutdown

## 3 Programming

### 3.1 Code boxes

#### Code box using R

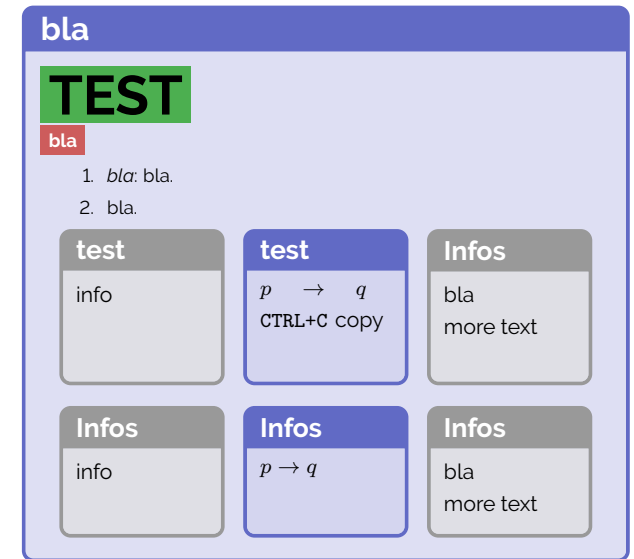
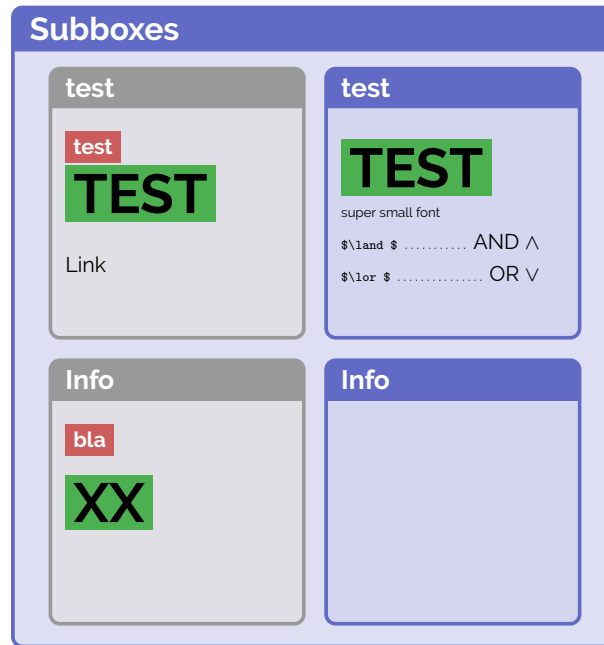
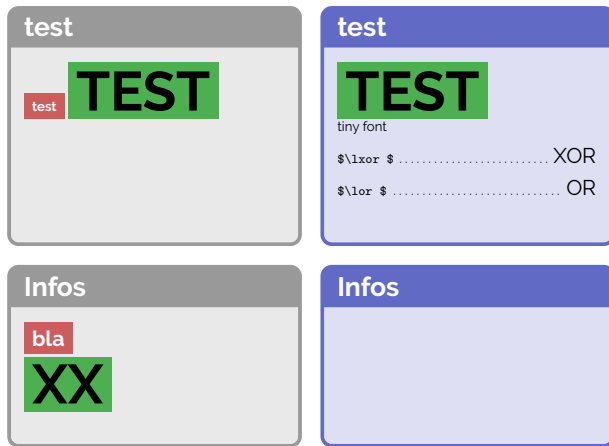
```
1 # Install
2 install.packages("tm") # for text mining
3
4 # Load
5 library("tm")
6
7 # text <- readLines(file.choose())
8 # Read the text file from internet
9 filePath <- "http://www.internet.com/text.txt"
10 text <- readLines(filePath)
```

#### Code box using C++

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

## 4 Smaller Subboxes

### 4.1 Subboxes



### 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.