

Colorful Cheatsheet: A Template

\LaTeX Ninja

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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 towels 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^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

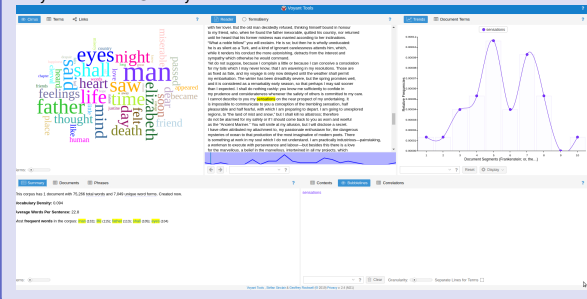
test ● test ● test ● test

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 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

```

_&Aŕ!$Aŕ/()$ ..... code
shutdown -h now ..... to shutdown

```

3 Programming

3.1 Code boxes

Code box using R

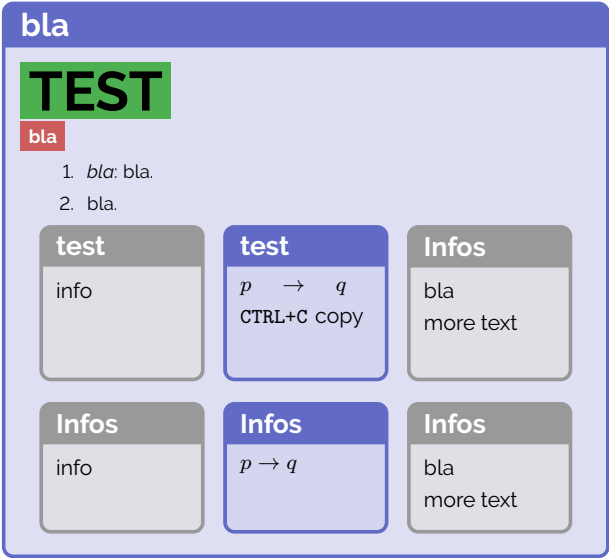
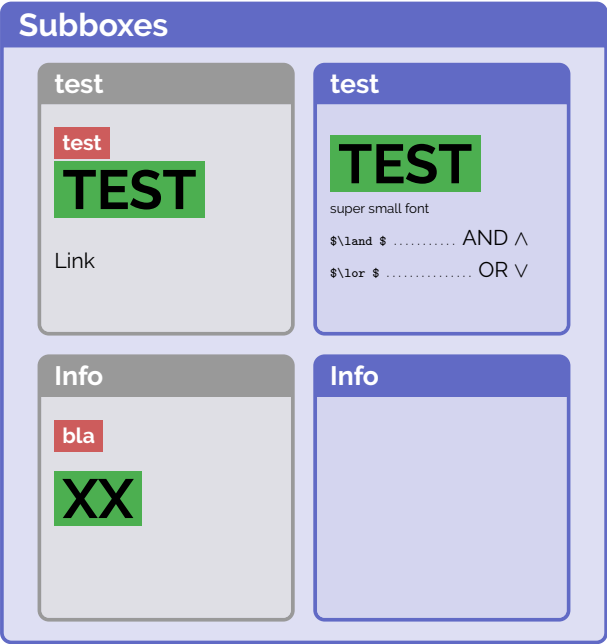
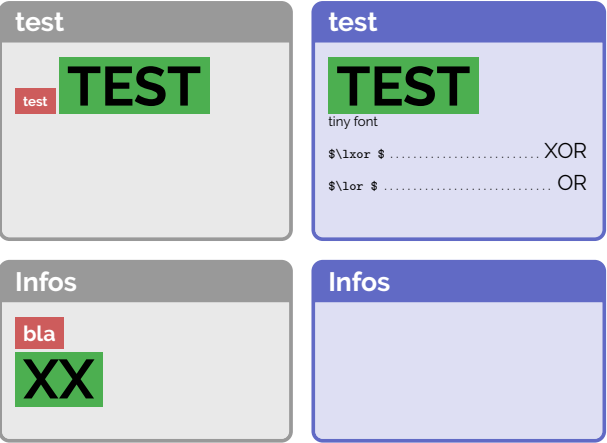
```
1 # Install
2 install.packages("tm") # for text mining
3
4 # Load
5 library("tm")
6
7 # text <- readLines(file.choose())
8 # Read the text file from internet
9 filePath <- "http://www.internetc.com/text.txt"
10 text <- readLines(filePath)
```

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.