Colorful Cheatsheet: A Template

LaTeX Ninja

July 2019

Contents

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.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

---
[a]cf. Stroustrup 2014, 12.
[b]cf. Stroustrup 2014; Wu 2016, 12.
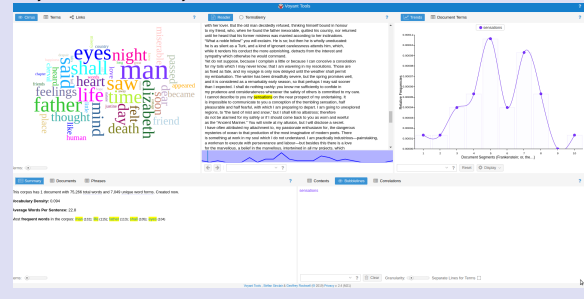
2 Tools

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

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

3 Programming

3.1 Code boxes

Code box using R

```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++

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

4 Smaller Subboxes

4.1 Subboxes

test

test

TEST

test

TEST

tiny font

$\lxor $ .... XOR

$\lor $ .... OR

Infos

bla

XX

Infos

Subboxes

test

test

TEST

Link

test

TEST

super small font

$\land $ .... AND ∧

$\lor $ .... OR ∨

Info

bla

XX

Info

bla

TEST

bla

1. *bla*: bla.
2. bla.

test

info

test

$p \quad \rightarrow \quad q$

CTRL+C copy

Infos

bla

more text

Infos

info

Infos

$p \rightarrow q$

Infos

bla

more text
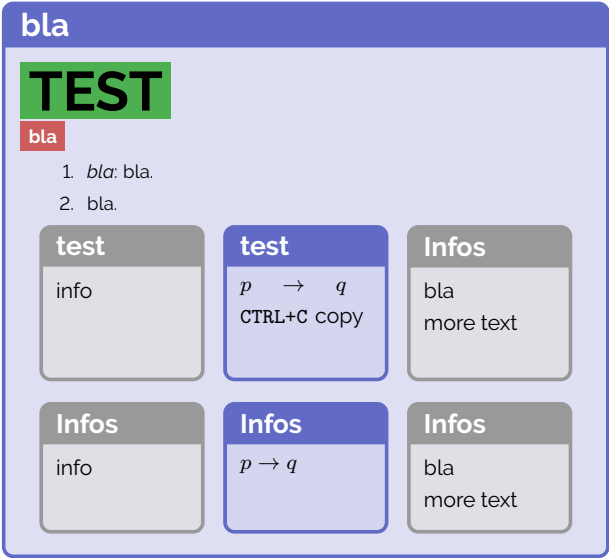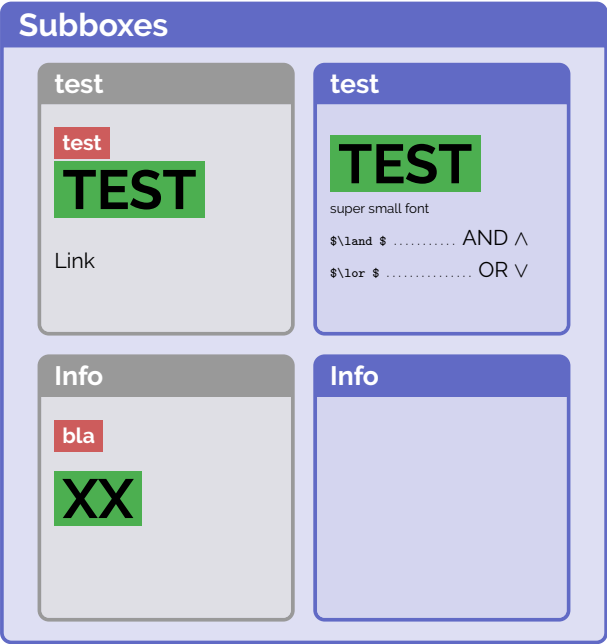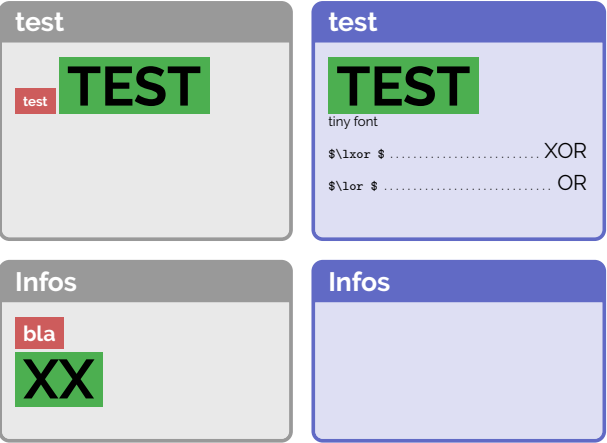
References

[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.