

Executable Elixir in Tufte Handout

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September 1, 2015

Introduction

This is an example document in Tufte Handout Format. It is edited in RStudio in RMarkdown format and transformed into a PDF with File -> Knit from the menu, or Cmd-Shift-K.

Tufte Handout

Tufte Handouts¹ are documents formatted² in the style that Edward Tufte uses in his books and handouts. Tufte's style is known for its extensive use of sidenotes, tight integration of graphics with text, and well-set typography:

The format has the usual # and ## headings. Also margin figures (see the equation -> over there, with a caption even,) as well as full-width and main-column figures.

Elixir Code

Here is some Elixir code *and the output*, which was produced by executing the code at the time the PDF was created:

```
defmodule Math do
  def sum(a, b) do
    a + b
  end
end

IO.puts "The answer is #{ Math.sum(4,3) }"

## The answer is 7
```

In the source³ of this document, you will find the code that makes this possible, adapted from an article on running Go snippets in RMarkdown files⁴.

¹ http://rmarkdown.rstudio.com/tufte_handout_format.html
² <https://tufte-latex.github.io/tufte-latex/>

$$x^2 + y^2 = 1$$

Figure 1: An equation

This is a margin note.

³ <https://gist.github.com/wsmoak/f5fd090df809e87a13fb>

⁴ <http://datadrivensecurity.info/blog/posts/2015/Jun/running-other-languages-in-r-markdown-files/>