

# Article template using markdown, pandoc, and friends

Timothée Poisot <sup>1, 2, @</sup>      Second Author <sup>2,3</sup>

<sup>1</sup> Université de Montréal, Département de Sciences Biologiques

<sup>2</sup> Québec Centre for Biodiversity Sciences

<sup>3</sup> University of Whatever

<sup>@</sup> [tim@poisotlab.io](mailto:tim@poisotlab.io)

**Abstract:** Writing manuscripts doesn't have to be awful. This template *tries* to provide good defaults for both the draft and preprint modes. Most of the information is contained in the YAML file. The preprint mode is particularly good looking.

**Keywords:** markdown      pandoc      LaTeX

**Date** Work in progress.

13 And that's it. The YAML header is supposed to be complete, you only need to edit it. More  
14 goodness will come soon.

## 15 | CRITIC MARKUP

16 These also show the different ways to have *CriticMarkup* show up in the rendered docu-  
17 ment. For each author, you can define an id in the YAML header. *CriticMarkup* prefixed  
18 with this id (no space), as in this example, will be marked differently.

19 **1.i Feature demo.** The following lines should be highlighted in draft, but not in preprint  
20 mode. With the exception of the highlights, which are always shown.

- 21 • addition with an author name tp
- 22 • ~~deletion with an author name~~ sa
- 23 • ~~replacement~~ with author name tp
- 24 • this sentence has an annotation
- 25 • [sa]this sentence has a signed annotation
- 26 • highlight only, and a tp signed highlight
- 27 • note only, and a [tp]signed note

28 Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor in-  
29 cididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud  
30 exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure  
31 dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Ex-  
32 cepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit  
33 anim id est laborum. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do  
34 eiusmod tempor incididunt ut labore et dolore magna aliqua.

35 Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

## II OTHER FEATURES

**II.i Citations.** By default, the template will look for citations in the refs.bib file (see the YAML header), but any format recognized by pandoc will work. The default format is vancouver-author-year.csl. This allows you to, well, cite papers (Hutchinson 1959).

**II.ii Figures.** By default, figures are rendered at the end of the document, with each figure taking up a whole page. There is a table of figures. It is recommended to use autoref to cite figures: Figure 1.

In the preprint mode, figures are displayed in text. The syntax to specify where a figure should appear is `!{figureid}`, no space, on a single line. Note that this is *not* standard markdown.

60 If you want full width figures, in the `yaml`, just add `wide: true`. This will only be  
61 noticeable in the preprint mode.

62 **II.iii Tables.** *Coming soon.*

63 **II.iv Code.** Of course the nice thing with using markdown is that code highlighting just  
64 works out of the box.

```
A = rand((1000, 1000))  
@elapsed A * A
```

65 **II.v Math.** You can write math directly within the markdown file using LaTeX syntax for  
66 `amsmath` environments, including inline math  $a^2 + b^2 = c^2$ , display equations

$$e^0 = 1, \tag{1}$$

67 or aligned environments

$$x = y, \tag{2a}$$

$$y = z \tag{2b}$$

$\therefore$

$$x = z. \tag{2c}$$

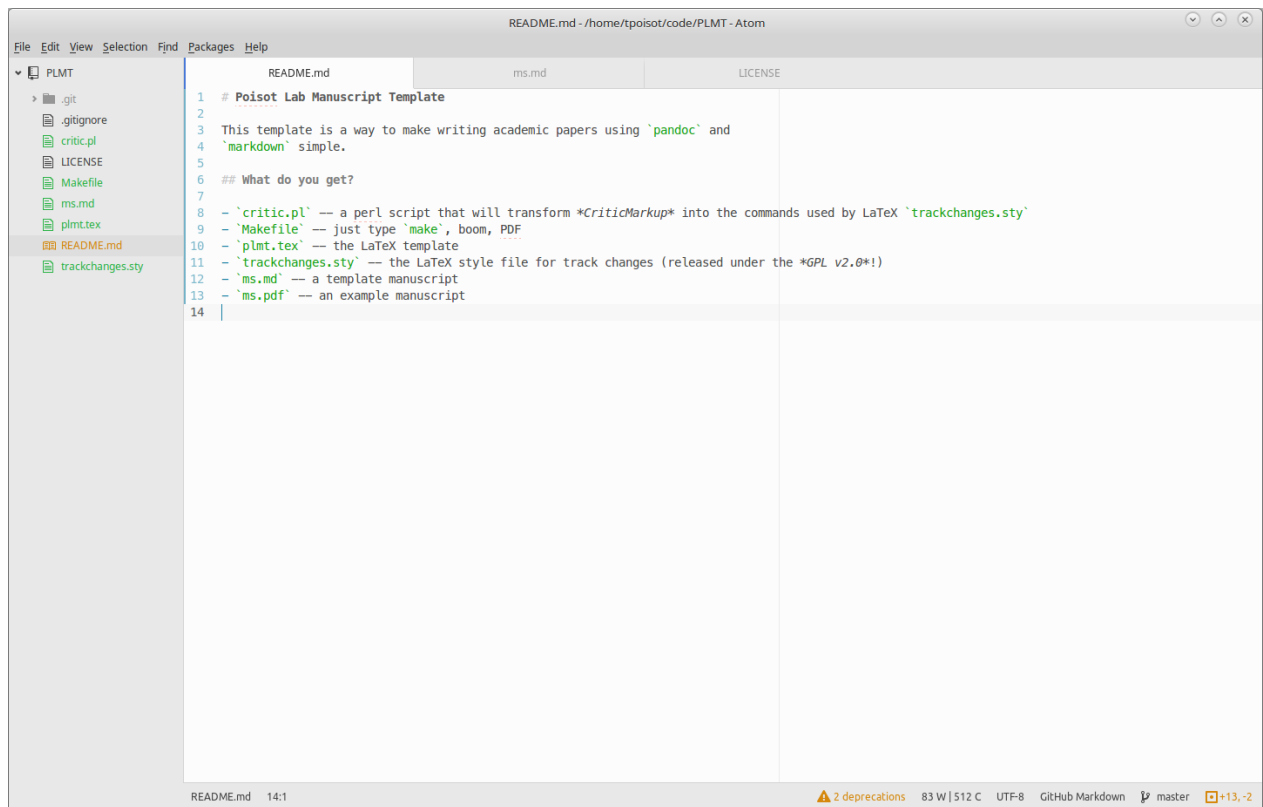
68 Referencing also works: for example the display equation (1) or the aligned equations  
69 (2).

## 70 REFERENCES

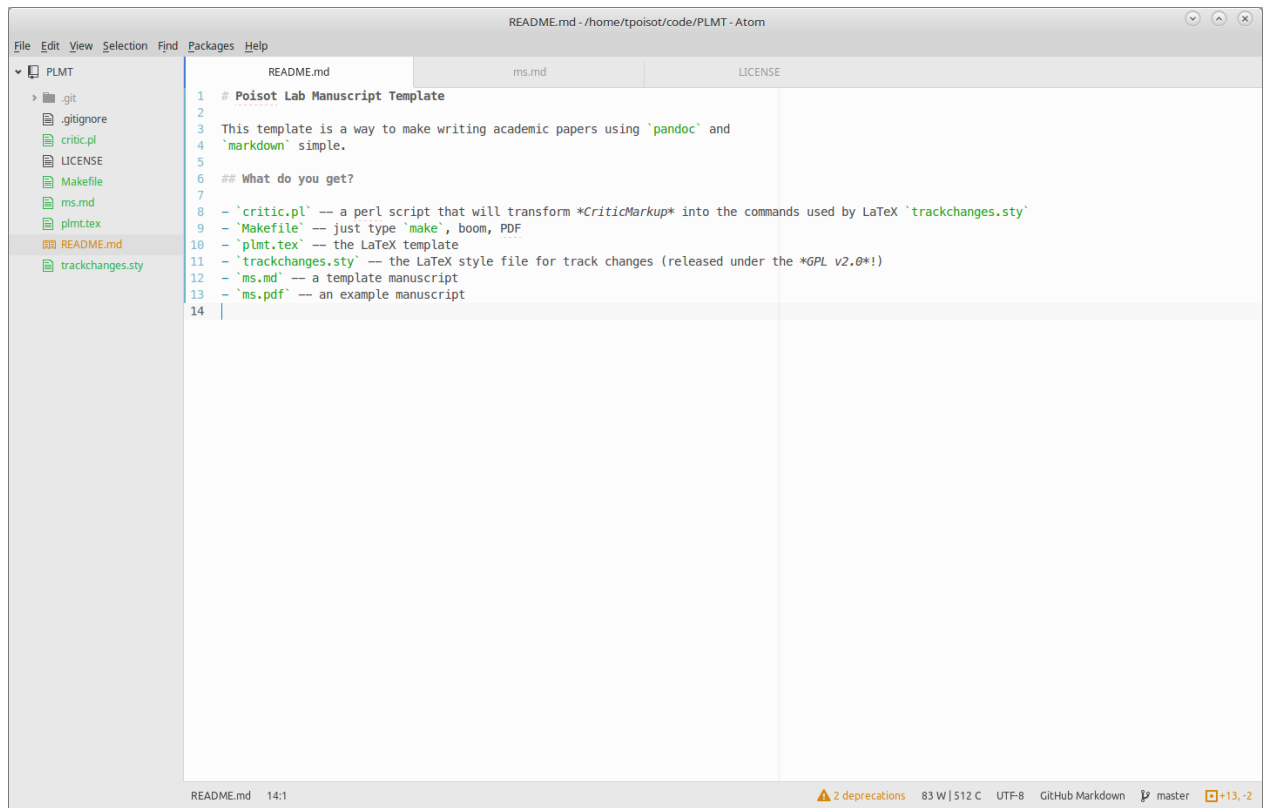
- 71 **Hutchinson.** (1959). Homage to Santa Rosalia or why are there so many kinds of ani-  
72 mals? *Am Nat.* 93:145.

73 **List of Figures**

74	1	Example figure. . . . .	7
75	2	Example figure. . . . .	8



**Figure 1** This is a figure. Its caption should be long enough to demonstrate the effects of using the caption package.



**Figure 2** This is a second figure. It is taking the two columns in preprint mode.