

Blog

ying dai

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Org modemarkdown

- Emacs
- Org
- Org mode
- Latex

2

Publishing Org-mode files to HTML

- Dennis Ogbe
- Emacs Org-mode HTML CSS
- Automated Publishing Pipeline with Org Mode
- org-mode blog
- Blogging with Emacs
- Nicolas Petton
-
-
-
-

3 Org mode

- **
- //
- ++
- --
- H_2 H_2
- E=mc^2 E=mc^2
- git git

4 Latex

MathJax, Latexsymbol,

- α, β and γ .
- When $a \neq 0$, there are two solutions to $ax^2 + bx + c = 0$ and they are

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}.$$

•

$$\sum_{i=1}^n (i^*)$$

•

$$\frac{1^p + 2^p + \cdots + n^p}{n^{1+p}}$$

- I am $op_1 \xrightarrow{abc} op_2$

•

$$Y = \begin{cases} +1, & \text{if } X \geq \theta \\ -1, & \text{if } X < \theta \end{cases}$$

- a₁

- ♡

- $$\begin{array}{lll} 1 & x & x^2 \\ 1 & y & y^2 \\ 1 & z & z^2 \end{array}$$
- $$\left[\begin{array}{cc|c} 1 & 2 & 3 \\ 4 & 5 & 6 \end{array} \right]$$

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Org

```
;; -n
(require 'org-publish)
(setq org-publish-project-alist
  '(
    ("blog-notes"
     :base-directory "~/org/blog/"
     :base-extension "org"
     :publishing-directory "~/org/dayigu.github.com/"
     :recursive t
     :publishing-function org-publish-org-to-html
     :headline-levels 4
     :section-numbers nil
     :auto-preamble t
     :auto-sitemap t ; Generate sitemap.org automagically...
     :sitemap-filename "sitemap.org" ; ... call it sitemap.org (it's the default)
     :sitemap-title "Sitemap" ; ... with title 'Sitemap'.
     :author "dayigu"
     :email "dayigu at gmail dot com"
     :style "<link rel=\"stylesheet\" type=\"text/css\" href=\"css/worg.css\"/>"
    )
    ("blog-static"
     :base-directory "~/org/blog/"
     :base-extension "css\\|js\\|png\\|jpg\\|gif\\|pdf\\|mp3\\|ogg\\|swf"
     :publishing-directory "~/org/dayigu.github.com/"
     :recursive t
     :publishing-function org-publish-attachment
    )
  )
  ("blog" :components ("blog-notes" "blog-static")))
```

```
;;
))
```

6

Table 1: Books

		12.33
Python	IT	44
Java	IT	55

7

This is a test for image. You can see this to find how to cross-reference. And Read more.

8

```
org mode footnote ++fn+, [fn:3] org mode
C-c C-x f Footnotes.
```

9

9.1 ditaa

Ditaa is a small command-line utility written in Java, that can convert diagrams drawn using ascii art.

```
#+BEGIN_SRC ditaa :file ~/workspace/blog/org/img/ditaa.png
```

```
+-----+ +-----+ +-----+
|         | --+ ditaa +--> |         | | |
|  Text   | +-----+ |diagram|
|Document| |!magic!| |         |
|   {d}   | |         | |         |
+---+---+ +-----+ +-----+
      :                ^
```



Figure 1: test

```

|           Lots of work           |
+-----+
#+END_SRC

```

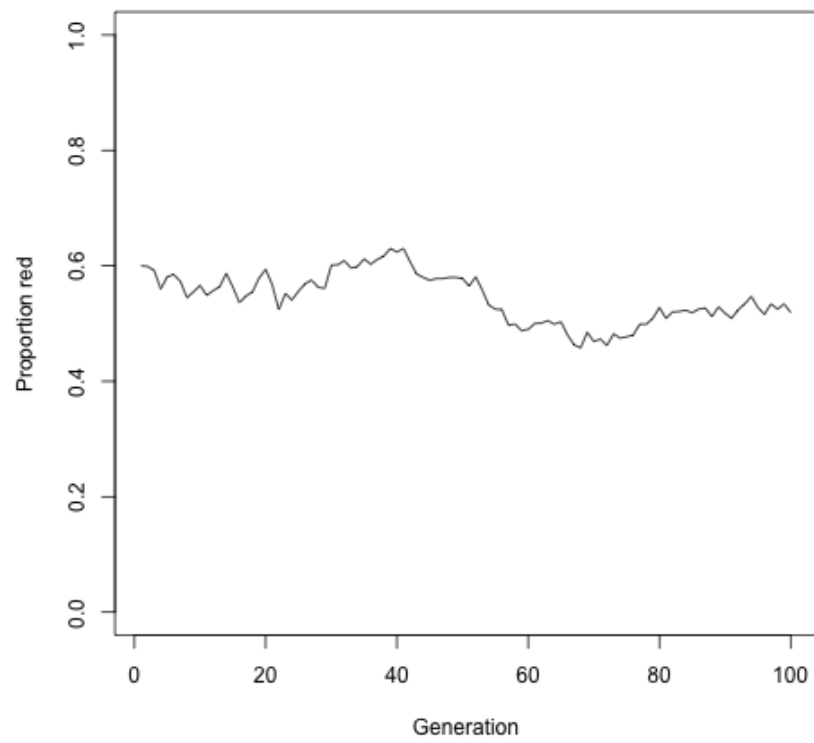


9.2 R

```

#+name: simpledrift(N=1000, X1=600, ngens=100)
#+begin_src R :file ~/workspace/blog/org/img/orgmode-babel-R1.png :var ngens=100 X1=600
  p <- numeric(ngens)
  p[1] <- X1/N
  for(g in 2:ngens)
    p[g] <- rbinom(1, size=N, prob=p[g-1]) / N
  plot(p, type="l", ylim=c(0,1), xlab="Generation", ylab="Proportion red")
#+end_src

```



9.3 Shell

```
#+name: directories
#+begin_src sh :results replace
  cd ~ && du -sc * |grep -v total
#+end_src
```


888	Applications
212608	Desktop
200	Documents
7476688	Downloads
112	IdeaProjects
29996728	Library
0	Movies
144	Music
0	News
1313344	Pictures
0	Public
16	ditaa.png
8	header.html
8	notes.org
8	org
45744	workspace

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