

# Building an Open Source Epub3 Reader with

## HTML



(it's harder than it looks)

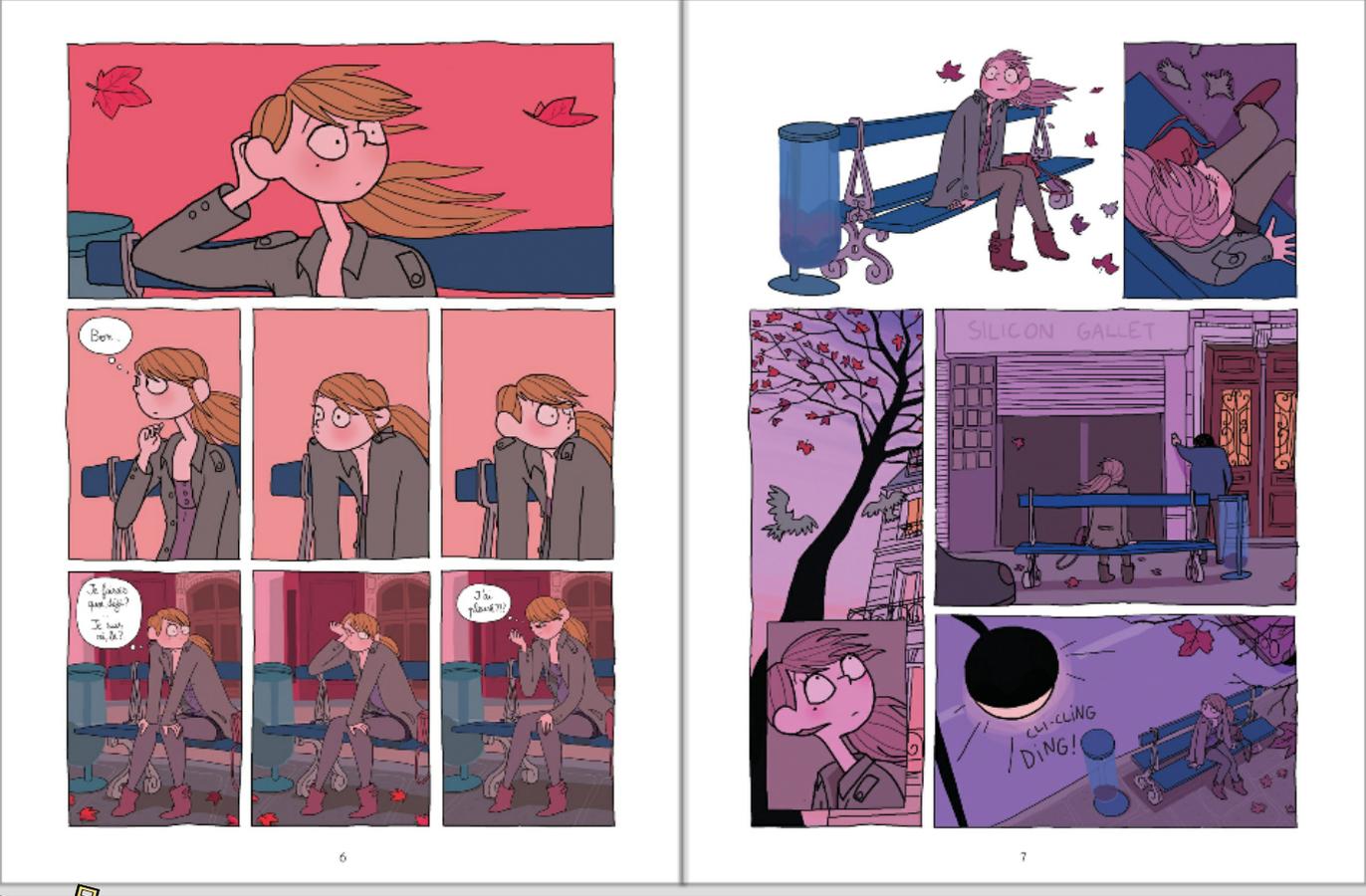
that's me!





# Readium

**What is it and why should I  
care?**



<https://github.com/readium/readium>



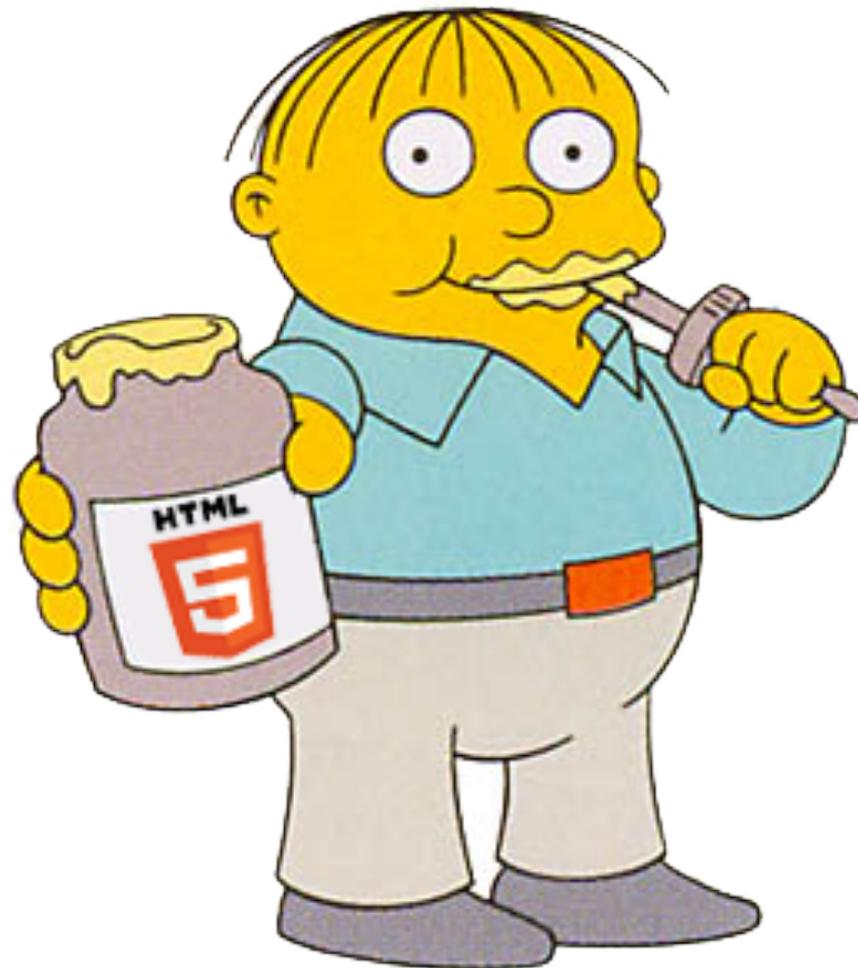
BACKBONE.JS



ePUB



# Challenges During Development

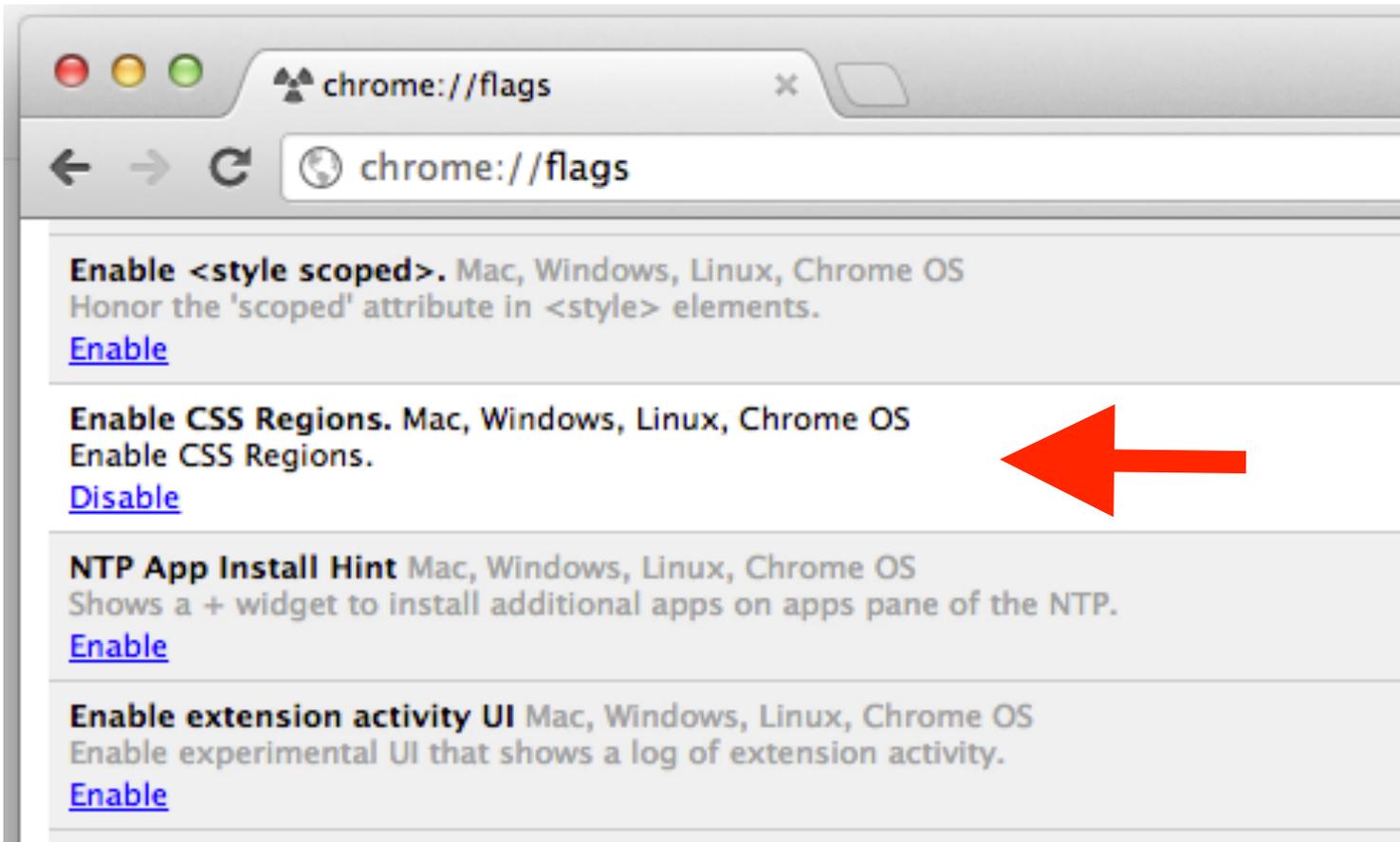


**Enables CSS regions in version 17.0**



**Disables them in version 21.0**

# chrome://flags



# Fixed Layout



# Reflowable



toshiakikolke opened this issue 2 months ago

## 'spine page-progression-direction' is disregarded and only specification of the first page 'writing-mode' is effective

No one is assigned

No milestone

Open

5 comments

Labels

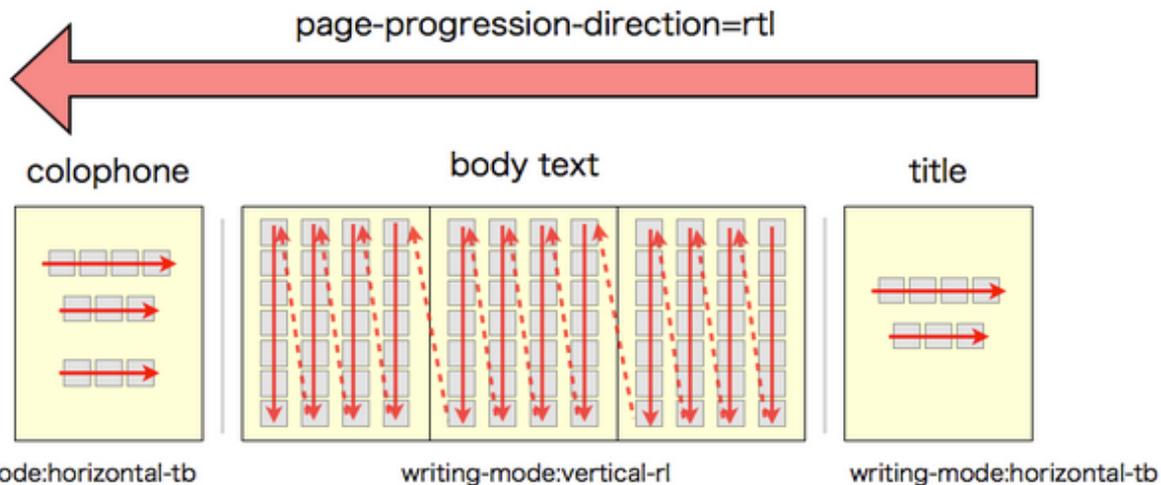
Feature Request

On Radium 0.1.8, it seemed 'spine page-progression-direction' is disregarded and only specification of the first page 'writing-mode' is effective.

There are many cases as follows;

- first-page (title page) is horizontal
- body text is vertical
- last-page(colophone page) is horizontal (Figure)

One of the patterns of Japanese book composition





WITH GREAT  
POWER  
COMES GREAT  
RESPON-  
SIBILITY

```
body {  
  font-size: 1em;  
  line-height: 1.33em;  
  font-family: 'Stix', serif;  
}
```



FONT SIZE

AA

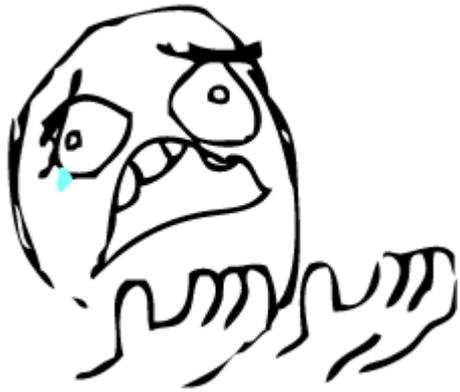


 Radium



viewed it, it was only by diligent study and a series of systematic visits to it, and careful inquiry of the neighbors, that you could any way arrive at an understanding of its purpose. Such unaccountable masses of shades and shadows, that at first you almost thought some ambitious young artist, in the time of the New England hags, had endeavored to delineate chaos bewitched. But by dint of much and earnest contemplation, and oft repeated ponderings, and especially by throwing open the little window towards the back of the entry, you at last come to the conclusion that such an idea, however wild, might not be altogether unwarranted.

But what most puzzled, and confounded you was a long, limber, portentous, black mass of something hovering in the centre of the picture over three blue, dim, perpendicular lines floating in a nameless yeast. A boggy, soggy, squitchy picture truly, enough to drive a nervous man



```
<style>  
    @import url('bad.css');  
</style>
```

```
<link rel="stylesheet" href="nice.css"  
type="text/css" />
```



# Plans for the Future





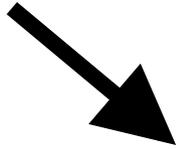
s/0ze



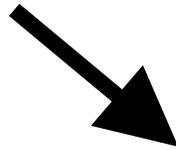
Phone**Gap**



+



PhoneGap





**BUT I NEED YOUR HELP**

- write code
- write tests
- documentation
- file bugs
- design stuff
- contribute ideas
- tell your friends
- boost my self esteem





# Radium

<http://radium.org/>

<https://github.com/radium/radium>

<http://radium.github.com/>