## $(\lambda x. xx) (\lambda x. xx)$

A programmer's blog.

## Fisher-Yates shuffle algorithm in Scheme

SEPTEMBER 24, 2008

Here is some test code:

```
;; Shuffle a whole deck of cards!
      (printf "~a~n" (shuffle (list 'clubs-ace 'clubs-2 'clubs-3 'clubs-4
 6
7
8
9
                        'clubs-5 'clubs-6 'clubs-7
                        'clubs-8 'clubs-9 'clubs-10
10
111
121
131
141
151
161
171
181
192
201
212
232
242
252
262
277
288
293
303
313
324
                        'clubs-jack 'clubs-queen 'clubs-king
                        'diamonds-ace 'diamonds-2 'diamonds-3 'diamonds-4
                        'diamonds-5 'diamonds-6 'diamonds-7
                        'diamonds-8 'diamonds-9 'diamonds-10
                        'diamonds-jack 'diamonds-queen 'diamonds-king
                        'hearts-ace 'hearts-2 'hearts-3 'hearts-4
                        'hearts-5 'hearts-6 'hearts-7
                        'hearts-8 'hearts-9 'hearts-10
                        'hearts-jack 'hearts-queen 'hearts-king
                        'spades-ace 'spades-2 'spades-3 'spades-4
                        'spades-5 'spades-6 'spades-7
33
                        'spades-8 'spades-9 'spades-10
                        'spades-jack 'spades-queen 'spades-king)))
```

```
type and press enter
       September 2008
         W
             T
                 \mathbf{F} \mathbf{S}
                 5 6 7
        3
8
        10
             11 12 13 14
             18 19 20 21
15
             25 26 27 28
22
    23 24
29
    30
                 Nov »
« Aug
RECENT POSTS
Moved to new location
SQLite: A Lesson In Low-Defect Software
Fermion – The Scheme Web Server
John Backus Turing Award lecture
Spark moves to GitHub
META
Register
Log in
Entries RSS
Comments RSS
```

WordPress.com

About these ads

	•
Related	
Soundex in Scheme In "Computer Science"	
Bloom filter In "Computer Science"	
Yaaec (Yet another attempt to explain continuation In "Lisp"	ıs)!
	$from \rightarrow \text{Computer Science, Lisp, Scheme, Spark}$
← Soundex in Scheme	Bloom filter →
No comments yet	
Leave a Reply	
Enter your comment here	