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Thread: [\[Racket\] Interactive Slideshow Maker Wizard](#)

MiguelSanchez - March 14, 2022, 6:54 am

I used to have a bunch of custom hotbars filled with interactive code & media generators, I've lost most of it until I gain the mental strength to go through my old unsorted harddrives.

Luckily I managed to dig up this small section I'd linked to a friend on Facebook.

Written in DrRacket's built-in slideshow lang, syntactically it's still just Racket/Plt-Scheme.

Code #lang slideshow

```
(define (readstring) (let ((inp (read))))
```

```
    (if (string? inp) inp
```

```
        (if (symbol? inp) (symbol->string inp)
```

```
            (if (number? inp) (number->string inp)
```

```
                inp
```

```
            ))))
```

```
(define (getitems) (begin
```

```
    (display "please enter item text, in speech marks if it contains spaces, or :n for next slide \n")
```

```
    (let ((instring (readstring)))
```

```
        (if (equal? instring ":n")
```

```
            '())
```

```
            (cons instring (getitems))
```

```
        )))
```

```
(define (makeslideshow)
```

```
(begin
```

```
    (display "Please enter slide title, with speech marks if it contains spaces, \" \" for no title, or :q to quit.")
```

```
    (let ((title (readstring)))
```

```
(if (equal? title ":q")
```

```
""
```

```
(let ((items (getitems)))
```

```
(string-append "(slide
```

```
 #:title \" title \"\" (apply string-append (map (lambda (x) (string-append "(item \" x \"\")) items))  
")  
" (makeslideshow) ))))
```

```
(display (makeslideshow))
```