

# LLVM Scheme Compiler

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## Contents

Self-hosting compiler from a scheme dialect to LLVM IR code.

Source code on Github: [l3kn/lisp-compiler-llvm](https://github.com/l3kn/lisp-compiler-llvm)

```
language=Lisp,label= ,caption= ,captionpos=b,numbers=none (defn range
(from to) (if (eq? from to) (list from) (cons from (range (fxadd1 from) to))))
(defn fizzbuzz (n) (cond ((eq? (fxrem n 15) 0) (puts "FizzBuzz")) ((eq?
(fxrem n 3) 0) (puts "Fizz")) ((eq? (fxrem n 5) 0) (puts "Buzz")) (else
(inspect n))))
(for-each fizzbuzz (range 1 100))
```