



Scheme implement 的智格概题

else: Dinteractive interpreters

Dspecial forms, like if, and, or, cond, lambda, define statements

lambda, solve with class Lambdafrocedure" (def \_\_init\_\_(self, formals, body, env).)

(define <name> <expression>) | evaluate the <expression>
2. Bind <name> to its value in the current frame.

(define (functionments) <body>) (define functionments (lambda (para) <body>))

A frame represents on environment by having a parent frame. Frames are Python instances with methods lookup and define.

④ Quotation: '(12) ← (quote (12)) 在 scheme\_read 中, 自动将读取的'(12)转换为(quote (12)) It should be the return value of the tail call is the return value of the current procedure call. Meaning, we can skip keeping around all the frames that we don't need because the return value for the last frame can return staight up to the original call. Tail calls shouldn't increase the environment size.

tail recursion