

Heap updates
(due to evaluation)
and GC

	Current	Stack
ans. ← + l ₁	$(+ x y) \sigma_{all}$	$\textcircled{ans} []$
x ← car sum → y l ₂ l ₃	$(car l) \varepsilon$	$\textcircled{x} (+ x y) \sigma_{all}$
l ← cons →	$(cons 1 _) \varepsilon, 0$	$\textcircled{l} (car l) \varepsilon$
1 cons → m l ₅	$(car (1: _)) \varepsilon$	$\textcircled{x} (+ x y) \sigma_{all}$
2 nil → n l ₆	$(+ 1 y) \sigma_{all}$	$\textcircled{ans} []$
	$sum (1: _) \varepsilon$	$\textcircled{y} (+ 1 y) \sigma_{all}$

	$(+ 1 3) \sigma_{all}$	$\textcircled{ans} []$
	4	

Why does each step progress without going BANG?