## Continuations

Geoffrey Matthews

March 13, 2023

# Mind prep

- stackrecursion.py
- cpsstyle.rkt

### Online tutorials for call/cc

#### call-with-current-continuation

- http://community.schemewiki.org/ ?call-with-current-continuation
- https://ds26gte.github.io/tyscheme/index-Z-H-15. html#TAG:\_\_tex2page\_chap\_13
- https://www.shido.info/lisp/scheme\_cc\_e.html
- https://beautifulracket.com/explainer/ continuations.html

## PLAI Chapter 20

- Chapters 16, 17, 18, 19 motivate continuations
- Chapter 20 implements continuations for a toy language
- Uses "Pretty Big" language with plai:
  - Language → Choose language
  - Other languages  $\rightarrow$  Pretty big
  - At top of file: (require plai) instead of #lang plai