

Testing in DrRacket

Cmd/Ctrl-L → Show details → Syntactic test suite coverage

This highlights the parts of your code that you definitely haven't tested yet, or reports "All expressions are covered" at the bottom if there is none. Note that achieving full coverage is a necessary part of testing, but it doesn't guarantee full correctness, i.e. there might still be inputs that lead to incorrect outputs.

Keybindings and line numbers in DrRacket

- View → Show line numbers (Useful for reading error messages)
- Auto-indent the entire source: Cmd/Ctrl-i (Useful for reading code 😊)
- Show/hide interactions: Cmd/Ctrl-e (Useful for having more space after running the code)
- Show/hide definitions: Cmd/Ctrl-d (Useful for reading long error messages, especially if you are in horizontal mode)
- Change between vertical and horizontal layout: Cmd/Ctrl-Shift-L

Parens in DrRacket

- Parens, brackets, and braces are all equivalent, but you have to correctly match them.
- It doesn't matter which closing character key you press on your keyboard to close matching parens, brackets, or braces.

DrRacket Themes

- Recommendation:
<https://github.com/takikawa/drracket-solarized>

Resources

- Course book
- Office hours
- Piazza
- Racket and PLAI docs:
<https://docs.racket-lang.org/search/index.html>
- Quick search in DrRacket: Press F1 with the cursor on the word to search for.
(Might be slow only for the very first time.)
- The Racket guide:
<https://docs.racket-lang.org/guide/index.html>