Login

Resources

Notes and Discussions

- Lecture notes [https://github.com/mvcccccc/C311Sp19]
- Piazza [https://piazza.com/class/jqnt4nb6xxx9s]

Racket and References

- The most up-to-date version of Racket [http://racket-lang.org/download/]
- The documentation for the foregoing [http://docs.racket-lang.org/]
- Other community support in various fashions [http://racket-lang.org/community.html] - Try the IRC [http://webchat.freenode.net] channel
- To customize your Racket start-up (say, disable print-as-expression automatically, or always start in xrepl), build and modify a racketrc file [http://docs.racket-lang.org/reference/Filesystem.html?q=.racketrc#%28idx._%28gentag._284._%28lib._scribblings%2Freference%2Freference..scrbl%29%29%29]

Racket on SOIC Machines

- To access Racket on the SOIC machines, you need to type the following at the terminal: `module load racket`.
- If you access these machines with any frequency, you should add that to your .bashrc [https://web.archive.org/web/20120206213546/http://freeunix.dyndns.org:8088/site2/howto/Bash.shtml]
- See the following [https://uisapp2.iu.edu/confluence-prd/pages/viewpage.action?pageId=115540061] for more on modules.

Developing on Windows

- Here is a document that helps show you how to setup a development environment on Windows 7.

Developing on Mac

- Here [https://github.com/keyanzhang/c311-get-started] is an opinionated guide for setting up Racket and Emacs on a Mac.

Course specific libraries and tools

miniKanren resources

If you're interested in miniKanren development, check out miniKanren.org [http://minikanren.org]!

311 miniKanren

- The current 311-implementation of miniKanren can be found here [https://raw.github.com/jasonhemann/miniKanren/master/mk.scm].
- The relational arithmetic suite can be found here [https://raw.github.com/jasonhemann/miniKanren/master/numbers.ss].
- You may on occasion find trace-define-mk.scm to be useful as well.

Emacs references and tools

- To access the latest version of emacs on the SOIC machines, you need to type the following at the terminal: `module load emacs`.
- If you access these machines with any frequency, you should add that to your .bashrc [https://web.archive.org/web/20120206213546/http://freeunix.dyndns.org:8088/site2/howto/Bash.shtml]
- If you'd like Jason's emacs setup, you can clone his emacs repository [https://github.com/jasonhemann/emacs]. Copy the `.emacs` file or create a symlink (`ln -s` in Linux/OS X, `mklink` in Windows)
- A handy Emacs reference card for Schemers and Racketeers.
- For Windows 7 users, you may find the following emacs24 installation instructions [http://sachachua.com/blog/2012/06/making-gnu-emacs-play-well-on-microsoft-windows-7/] useful.

Vim tools

Cameron Swords (C311 course staff emeritus) uses and endorses the Vim [http://www.vim.org/] text editor. You can find his configuration for vim here [https://github.com/cgswords/vimrc]