## SICP in DrRacket

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March 30, 2015

• Most code from the SICP book can be run in DrRacket by using the R5RS language. The easiest way to use this language is to use the Racket Language (the default in the "Choose Language" panel), and insert the line:

## #lang r5rs

at the beginning of each file. This will work except for the picture language and examples that involve redefining initial bindings.

- You can also run the R5RS language by choosing "Other Languages" from the "Choose Language" panel and clicking R5RS. Doing this allows you to go to the "Show Details" panel and uncheck the "Disallow redefinition of initial bindings" checkbox, so you can now redefine symbols as in some of the examples. Note that if you do this you cannot have a first line starting with #lang. Remove it, or comment it out.
- For the picture language, select the Racket language from the "Choose Language" panel with the following first line:

## #lang planet neil/sicp

The first time you run this it will take a while and you will get many errors in RED. These errors (and the long loading time) go away if you ignore them.

This will allow you to do the picture examples, such as: