

SICP in DrRacket

Geoffrey Matthews

January 4, 2017

- 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.
- Note that you still cannot use the picture language. There are libraries you can install for this, but we won’t be using it in this class.