

How To Invoke and Interpreting Results:

First to invoke the program, extract the zip file in a directory. Then, run “make” on the command line in a linux terminal in the directory that you extracted the files in. After that, do “make test”. Make test will first run test.b which contains no errors in the code written. The output will be in test.out in proper format from the unparser being called. If the type checker failed, then the unparser would not get called and the type errors will be shown on the command line leaving test.out empty. Next, the make test command will run typeErrors.b, since there are errors, the type checker will output errors on the command line. The code should not be unparsed and therefore typeErrors.b will be an empty file.

Assumptions:

One assumption we made is that if a function has a return value but no ret statement at the end, a type error will not be thrown. We assumed that for P5 we are not checking whether a return statement is present or reachable.

Anything Else:

Nope we feel pretty good about the type checker.