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File: report.pdf

1. This is how I compiled and linked my program:

*make clean*

*make*

1. I have to set my environment variable CRAWLER\_THREADS

*export CRAWLER\_THREADS=<number of threads>*

1. Then I tested my program with gdb from within the test folder:

*gdb ./include\_crawler*

1. pass arguments to function

*r <test files>*

1. set breakpoints at various functions using:

*b <function name> or b <line number>*

1. ran the program with:

*run*

1. checked various variable values using:

*p <variable name>*

1. examined the content of memory locations:

*x <memory address>*

1. stepped through the various statements using:

*s*

1. continuing with:

*c*

1. Then I ran valgrind to check for memory leaks from within the test folder:

*valgrind --leak-check=yes ../include\_crawler \*.y \*.l \*.c*