

Semi-Automated Testing: Directory TESS

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1 Motivation

SubKilo provides a couple dozen essential functions. As a consequence the SubKilo test matrix is inevitably extensive and expensive to repeat. Directory TESS is where many tests are done, after most of the compilation has been done in other directories, and the library has passed a few sanity checks. The idea use is construct a makefile setting numerous tests using `replay.c`, which tests can be easily repeated.

Many of the required checks are checks on the actions of the subroutines called by `editAline.c`. Here we lean heavily on `replay.c` which simulates a string of keystrokes, which SubKilo uses to move the cursor around the screen, delete characters etc. When the desired results make it to the screen the test is successful.