

newtime

Purpose: To replace the program's call to a system library to get the time of day with an alternate version that will return a suitable date for the program's time check (function interposition)

Algorithm: Program will interpose *time* using LD_PRELOAD.

Testing: Use the makefile to test the program, "make test"

File unexpire is for testing purpose, this program has an expiration time coded into it. This program exits (expires) if the date is after October 1, 2020. It will also refuse to run on any date earlier than January 1, 2020. However, you want to continue using this program and you want to defeat its check for the time (when the unexpire file calls time function we swap our time function and return a value between Jan 1st 2020 and Oct 1, 2020 so it can do its task, Current Date is October 29, 2020)