

Exercise 6

已開始：9月20日 16:45

測驗說明

問題 1

100 分數

We will use strace to track system calls.

1. Download my hello_fork.c code in the Examples folder on Canvas
2. Copy the file onto your Pi using this scp command (changing pi if you changed the username):
 - `scp INSERT_LOCATION_OF_FILE_ON_YOUR_COMPUTER pi@raspberrypi.local:~/ (mailto:pi@raspberrypi.local:~/)`
 - Enter your password for the pi when prompted
3. ssh into the pi
4. Use ls to confirm that hello_fork.c is there
5. Compile hello_fork
6. Use the command strace with the name of the executable produced by compilation
 - `strace ./INSERT_EXECUTABLE_NAME`
 - The program will run until fork is called, where the parent process produces a child process. The child process is waiting for you to enter text
 - You can type random text, hit enter, and the program and strace will close
7. The output produced shows the system calls that the program used. You want to look for the line that has the system call used when the fork function is activated. Remember what we mentioned in lecture about the system call behind the fork function :) Find the line of the related system call and submit a screenshot with the line in view.

上傳

選擇檔案

測驗保存於 16:46

提交測驗