

csieMask

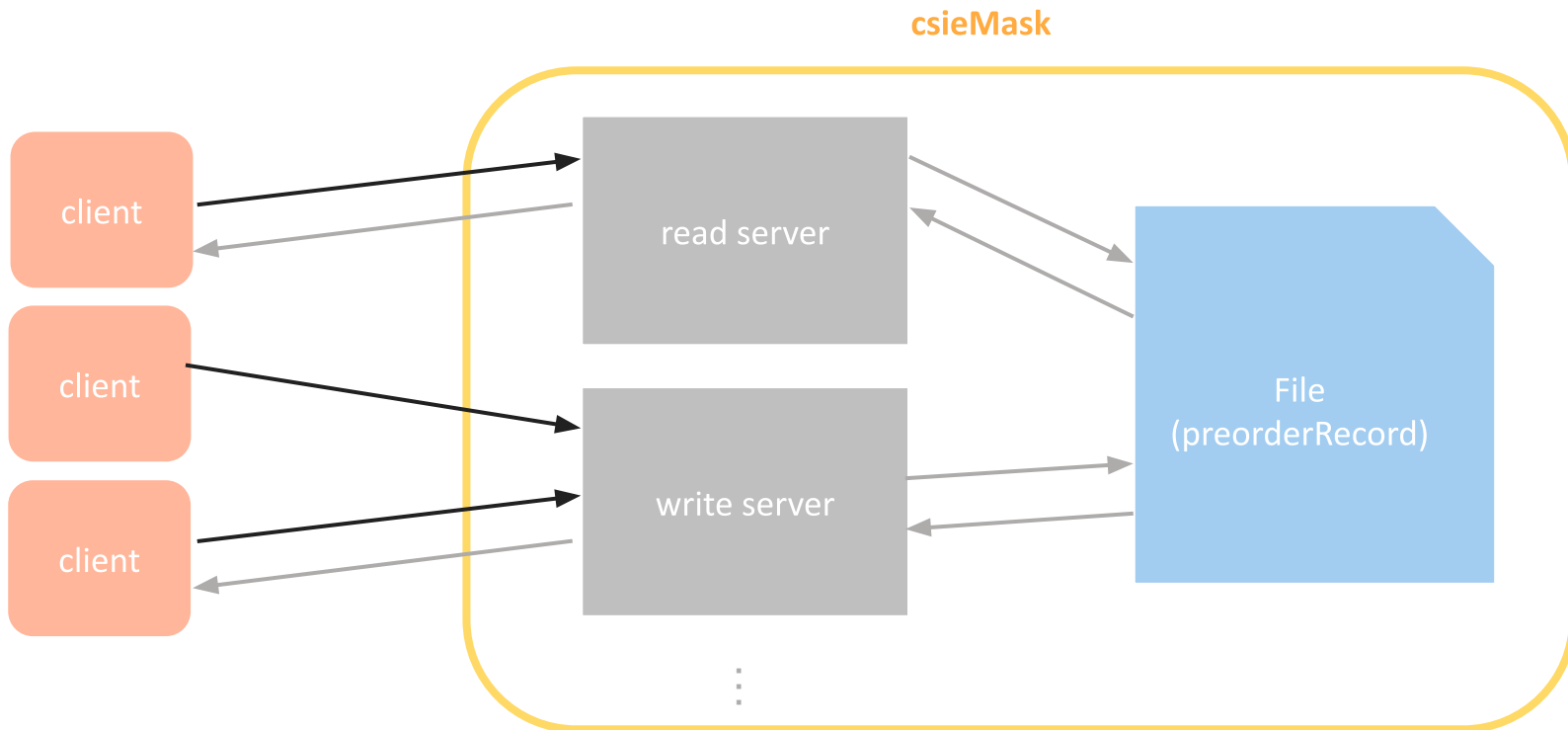
System Programming HW1

2020/10/07, Hsu Hui Neng

Problem Description

- Build a simplified mask pre-order system: `csieMask`
 - sample code is provided

Problem Description



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- Handle multiple requests from customers at the same time
 - I/O multiplexing
- Make sure that the content of pre-order record file is correct
 - File lock

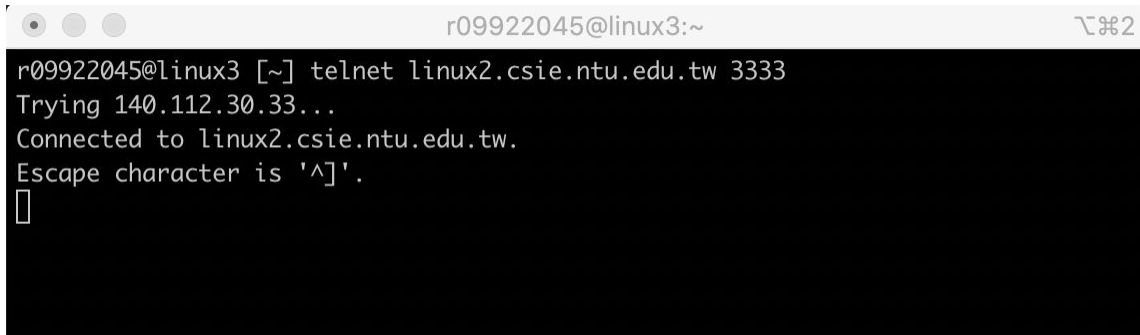
Run the sample code (Server Side)



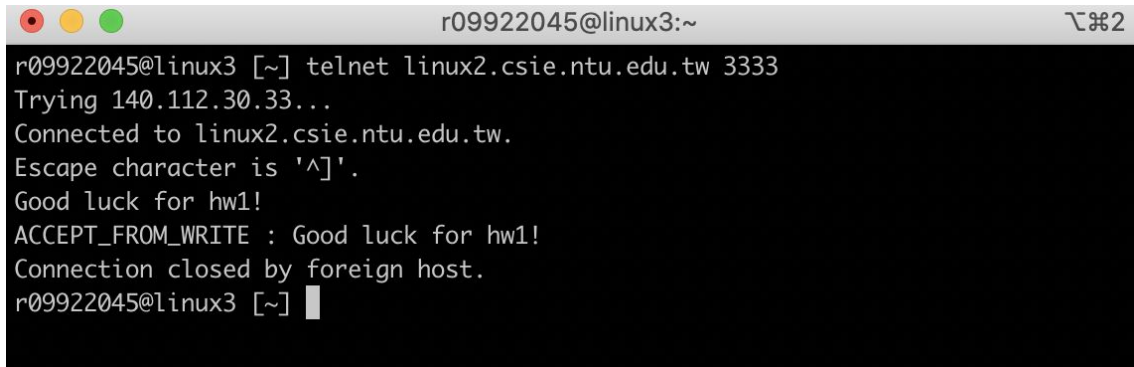
```
r09922045@linux2:~/HW1-csieMask
r09922045@linux2 [~/HW1-csieMask] gcc server.c -o write_server
r09922045@linux2 [~/HW1-csieMask] ./write_server 3333

starting on linux2, port 3333, fd 3, maxconn 1024...
```

Test the sample code (Client Side)



```
r09922045@linux3:~  
r09922045@linux3 [~] telnet linux2.csie.ntu.edu.tw 3333  
Trying 140.112.30.33...  
Connected to linux2.csie.ntu.edu.tw.  
Escape character is '^['.  
█
```



```
r09922045@linux3:~  
r09922045@linux3 [~] telnet linux2.csie.ntu.edu.tw 3333  
Trying 140.112.30.33...  
Connected to linux2.csie.ntu.edu.tw.  
Escape character is '^['.  
Good luck for hw1!  
ACCEPT_FROM_WRITE : Good luck for hw1!  
Connection closed by foreign host.  
r09922045@linux3 [~] █
```

Submission

- Check more details on your GitHub repo
- Submit your code to your repo
- We will only test the latest commit
- Due date: 10/25(Sun.) 23:59
 - Late submission: 10% for each day, 7 days for most
- Plagiarism is strictly prohibited