Lab 7 : Socket It Out (More)

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Get Ready

- Now you need to use the socket interface in a multi-programming model

- You still need to deploy certain services, e.g., echo services.

- The purpose of the lab
  - Be familiar the mechanism of socket
  - Be familiar with multiprogramming
  - Understanding the process of network programming

Task 1 Socket it in more processes

- Program a C/S communication in one host using C or C++

- Echo the input from more than 100 or even more clients at the client side

- Using socket interface to implement such process

- Properly handle the communication at the server side

Task 2 Socket it in more threads

- Repeat the task in the last slide, using threads

- Define a proper way to cache all the requests from clients at the server