

第五次任务提交

```
int main()
{
    TestSerial();//连接串口，循环写入数据
    TestTCP();    //TCP连接，读写操作
}
```

虚拟串口测试

在ubuntu下，使用socat命令创建虚拟串口

```
socat -d -d pty,raw,echo=0 pty,raw,echo=0 &
```

进行虚拟串口测试

```
[root@esx10 ~]# cat /dev/pts/3 > /dev/null &
[2023-11-23 20:40:50.861] [info] Building Shared SerialPort({"IsConnected":false,"CharacterSize":8,"BaudRate":115200,"DeviceName":"/dev/pts/3"})
[2023-11-23 20:40:50.861] [info] Finished building SerialPort(/dev/pts/3)
[2023-11-23 20:40:50.861] [info] SerialPort(/dev/pts/3)> Refreshing connection
[2023-11-23 20:40:51.861] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:52.862] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:53.862] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:54.863] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:55.863] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:56.863] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:57.864] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:58.865] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:40:59.865] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:00.866] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:01.866] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:02.866] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:03.867] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:04.867] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:05.868] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:06.868] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:07.868] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:08.869] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:09.869] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:10.869] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:11.870] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:12.870] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:13.870] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:14.871] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:15.871] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:16.872] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
[2023-11-23 20:41:17.872] [info] SerialPort(/dev/pts/3)> Write 128:128 bytes, failed(false), failure(Success)
```

监视另一个串口，查看写入的数据

