

Leader - Follower Server

```
asiyer@conway-stern 18:18:09 ~/53/hw9/leader
|$ make test
./server 7286 &
echo Starting client
Starting client
./client conway-stern 7286
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/share/dict/words'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/sqlite3.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/tclDecls.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/bfd.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/libmng.h'
Server got file name of '/usr/include/elf.h'
Server got file name of '/usr/include/elf.h'
```

```
asiyer@conway-stern 18:18:14 ~/53/hw9/leader
$ ls
client.c  client.h  Makefile  server.c  Thread_0/  Thread_1/  Thread_2/  Thread_3/  Thread_4/  Thread_5/  Thread_6/  Thread_7/  Thread_8/  Thread_9/  Timer.c  Timer.h
asiyer@conway-stern 18:18:41 ~/53/hw9/leader
```

Pool

```
osijer@conway-stern 18:21:05 ~/$ ./hw9/pool
$ make test
./server 6193 &
echo Starting client
Starting client
./client conway-stern 6193
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/tclBccls.h"
Server got file name of "/usr/include/tclBccls.h"
Server got file name of "/usr/include/tclBccls.h"
Server got file name of "/usr/include/tclBccls.h"
Server got file name of "/usr/include/tclBccls.h"
Server got file name of "/usr/include/tclBccls.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/self.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/libng.h"
Server got file name of "/usr/include/self.h"
Server got file name of "/usr/include/gmpxx.h"
Server got file name of "/usr/include/gmpxx.h"
Server got file name of "/usr/include/self.h"
Server got file name of "/usr/include/self.h"
Server got file name of "/usr/include/self.h"
Server got file name of "/usr/include/self.h"
Server got file name of "/usr/include/rkhbrlc.h"
```

```

$ ls
client.c  client.o  Makefile  server.c  Thread_0/  Thread_1/  Thread_2/  Thread_3/  Thread_4/  Thread_5/  Thread_6/  Thread_7/  Thread_8/  Thread_9/  Timer.c  Timer.h
asmyer@cam.ac.uk: ~$ cd /home/asmyer/
asmyer@cam.ac.uk: ~$ ls
client.c  client.o  Makefile  server.c  Thread_0/  Thread_1/  Thread_2/  Thread_3/  Thread_4/  Thread_5/  Thread_6/  Thread_7/  Thread_8/  Thread_9/  Timer.c  Timer.h

```

Request

```
anlyer@conway-stern 18:27:01 ~/53/hw8/request
$ make test
gcc -std=c99 -g -gdb server.c -lpthread -o server
gcc -std=c99 -g -gdb client.c Timer.c -lpthread -o client
./server 1234 &
echo Starting client
Starting client
./client conway-stern 1234
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/share/dict/words"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/sqlite3.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/tclDecls.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/bfd.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/libmng.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/gmpxx.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/gmpxx.h"
Server got file name of "/usr/include/elf.h"
Server got file name of "/usr/include/gmpxx.h"
Server got file name of "/usr/include/gmpxx.h"
```

```
anlyer@conway-stern 18:27:08 ~/53/hw8/request
$ ls
clients client.c Makefile server Thread_1 Thread_10 Thread_2 Thread_3 Thread_4 Thread_5 Thread_6 Thread_7 Thread_8 Thread_9 Timer.c Timer.h
anlyer@conway-stern 18:27:42 ~/53/hw8/request
$ cd Thread_1
anlyer@conway-stern 18:27:47 ~/53/hw8/request/Thread_1
$ ls
bfd.h curses.h elf.h gcrypt.h gcc_c.h gmp-x86_64.h gmpxx.h libevent.h libm.h libmng.h libpng.h netapi.h sqlite3.h tclDecls.h tcl.h tkDecls.h words zlib.h
anlyer@conway-stern 18:27:49 ~/53/hw8/request/Thread_1
$
```