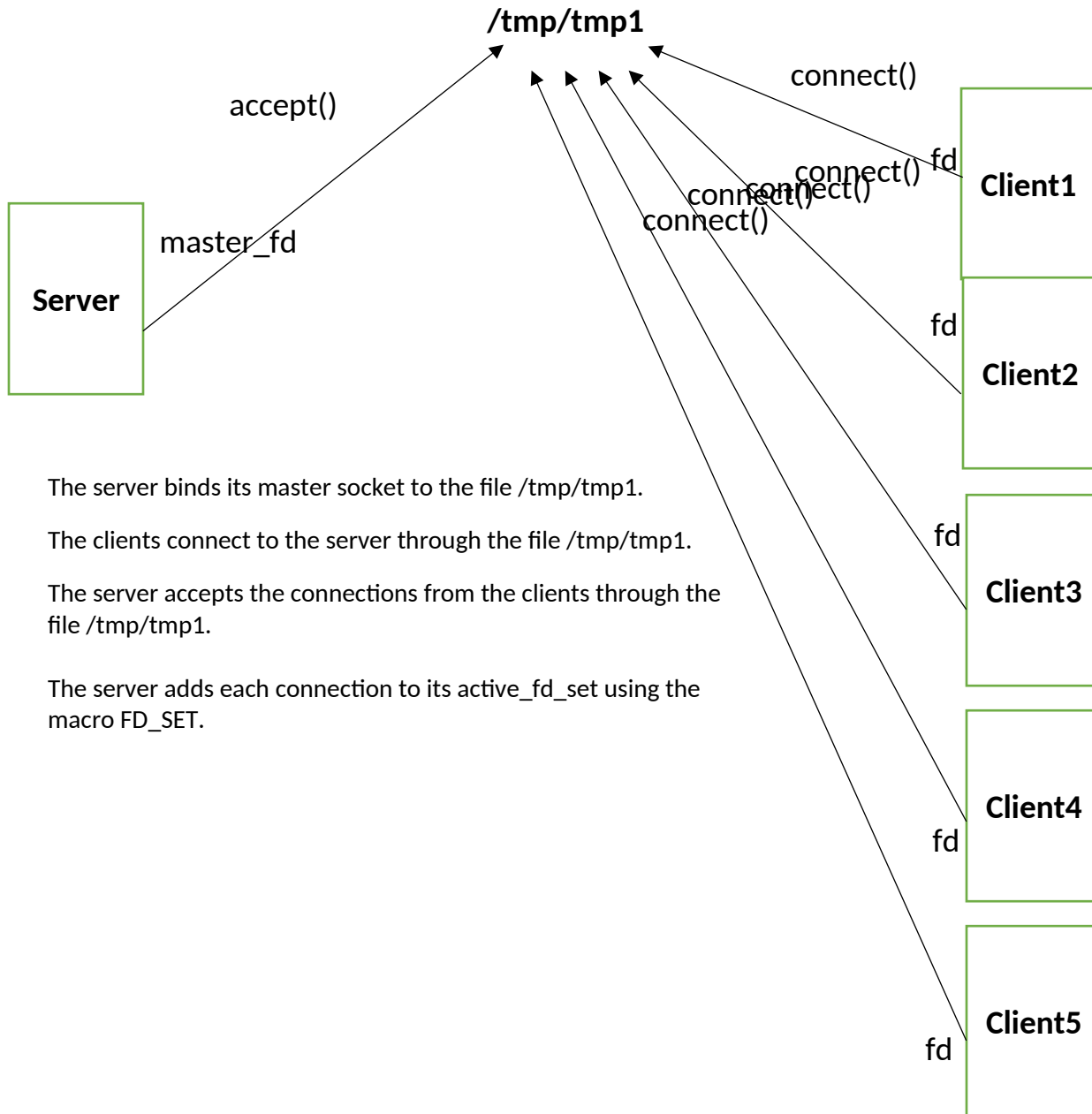
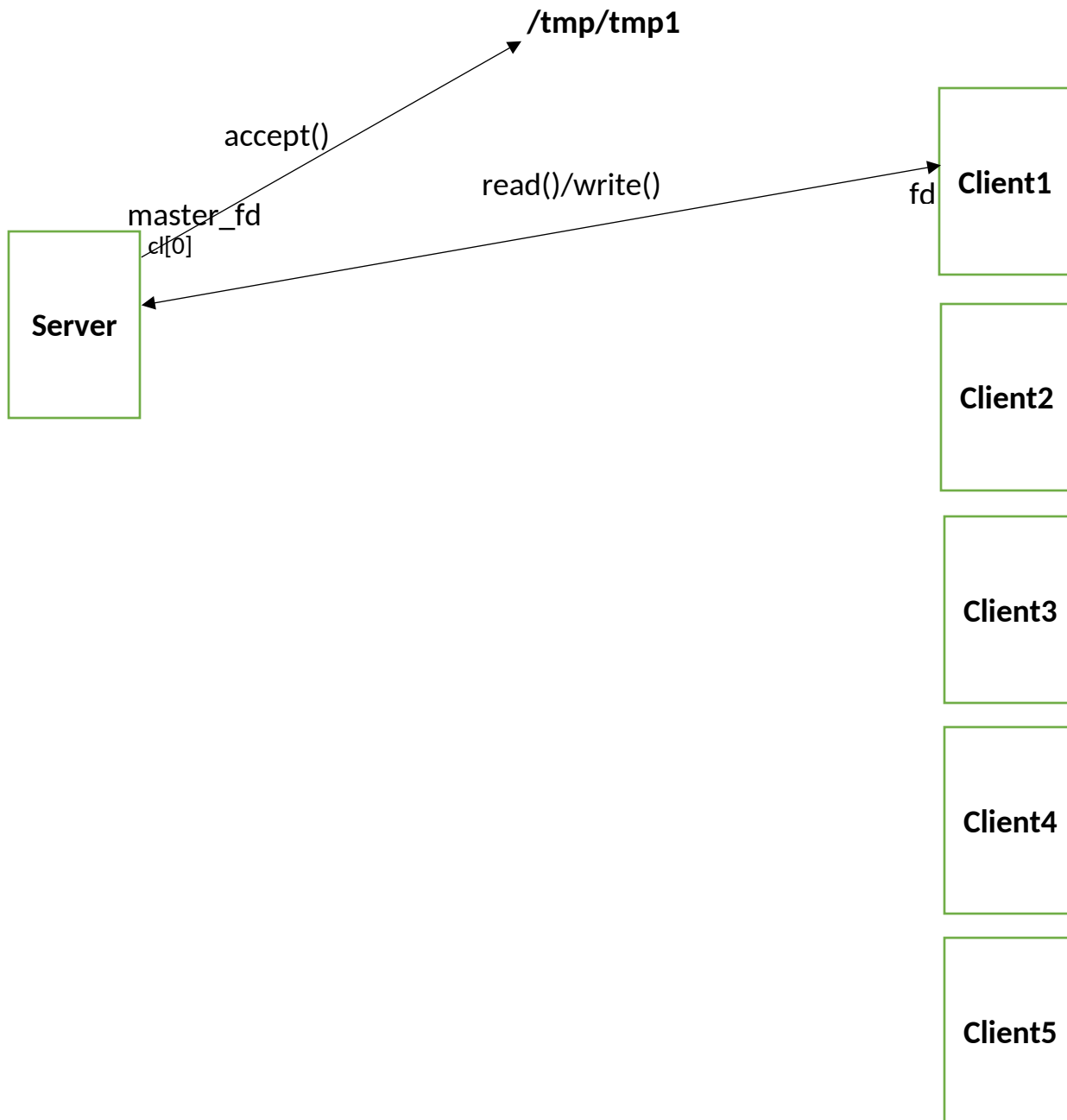
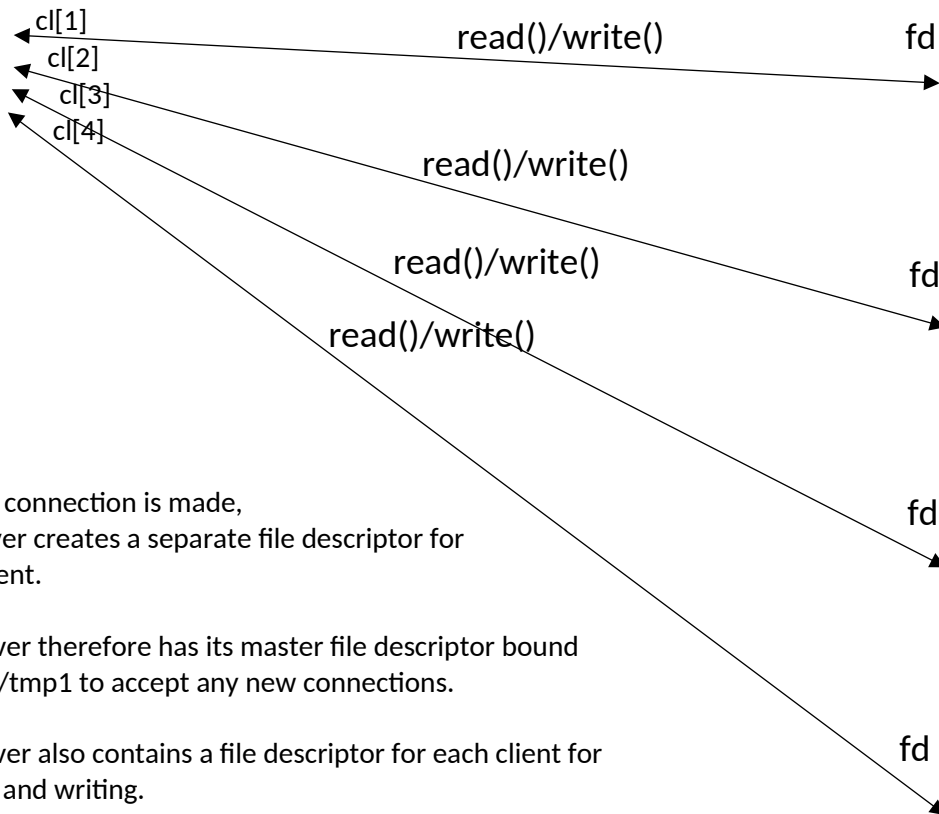


# Linux Sockets – the select() function







As each connection is made, the server creates a separate file descriptor for each client.

The server therefore has its master file descriptor bound to `/tmp/tmp1` to accept any new connections.

The server also contains a file descriptor for each client for reading and writing.

Each client has only one file descriptor, which is used for reading and writing.

The server uses the `select()` function to see if a new client is requesting a connect, or to determine which of the existing clients has sent it a message.

If a client sends the server a message, the server searches through its `active_fd_set` using the macro `FD_ISSET` to find the client's file descriptor.