MA194 – Using Unix

Instructor: Dan Chaney (chaney@ms.uky.edu)
Office hours: Mon 2-3, 606-257-2150

Class #9 - Tuesday, February 13, 1996 – Week 5

In-class hotline: (606) 323–3681

Community Colleges: Tues 9:00-9:50 & 10:00-10:50 PM EST
UK/Lexington: Wed & Fri 9:00 PM EST, TCI Channel 16

URL: `http://www.ms.uky.edu/~ma194`
Mailing list: ma194-class@ms.uky.edu
To join the mailing list, send a note to ma194@ms.uky.edu

Tonight's Topics

- Homework 4 - Review

- Client/Server Model - Review

- Operating systems and user shells

- Setting terminal types

Homework 4 - Solutions

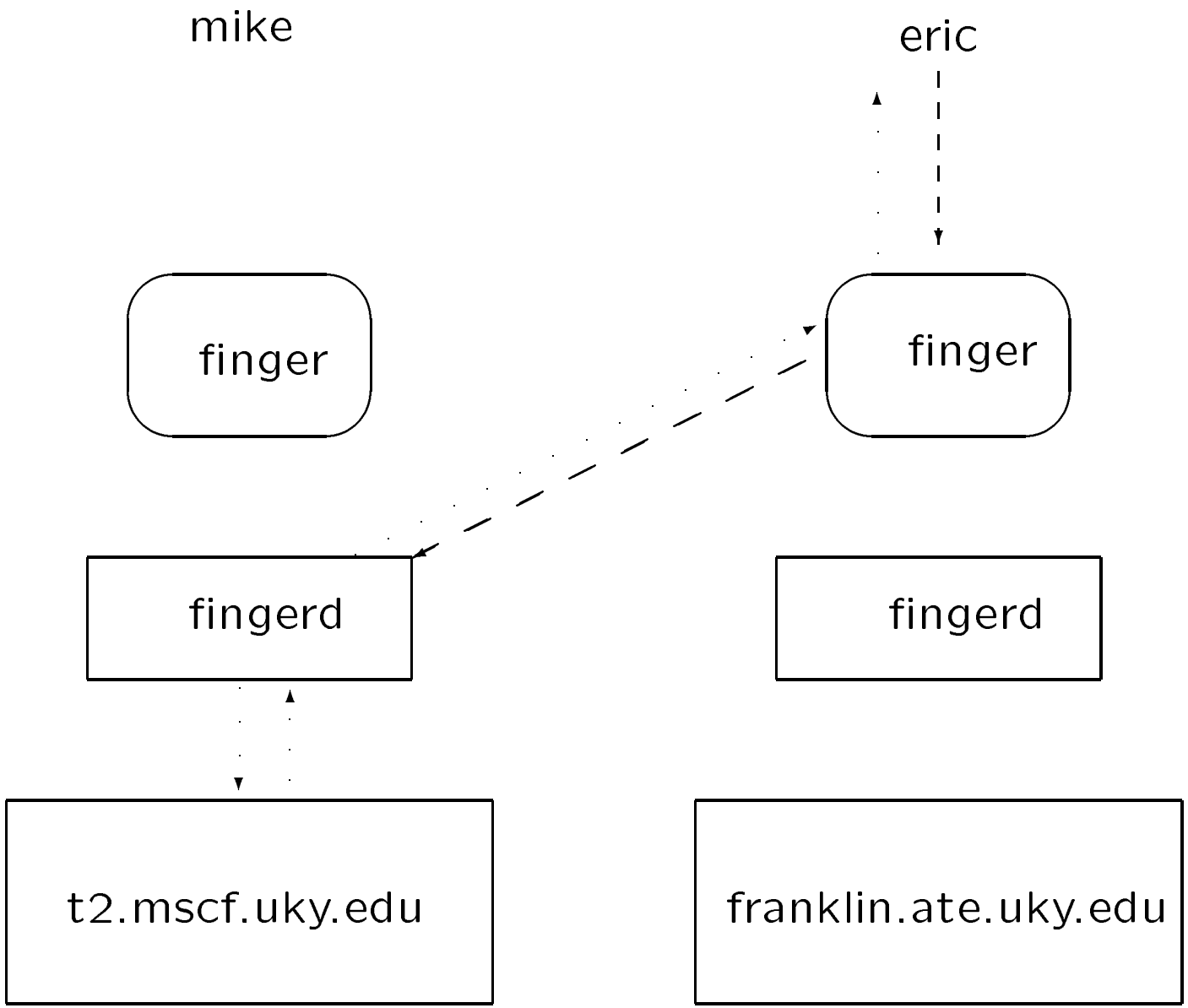
Choose one of the following and explain why it is or is not a client of a client/server structure.

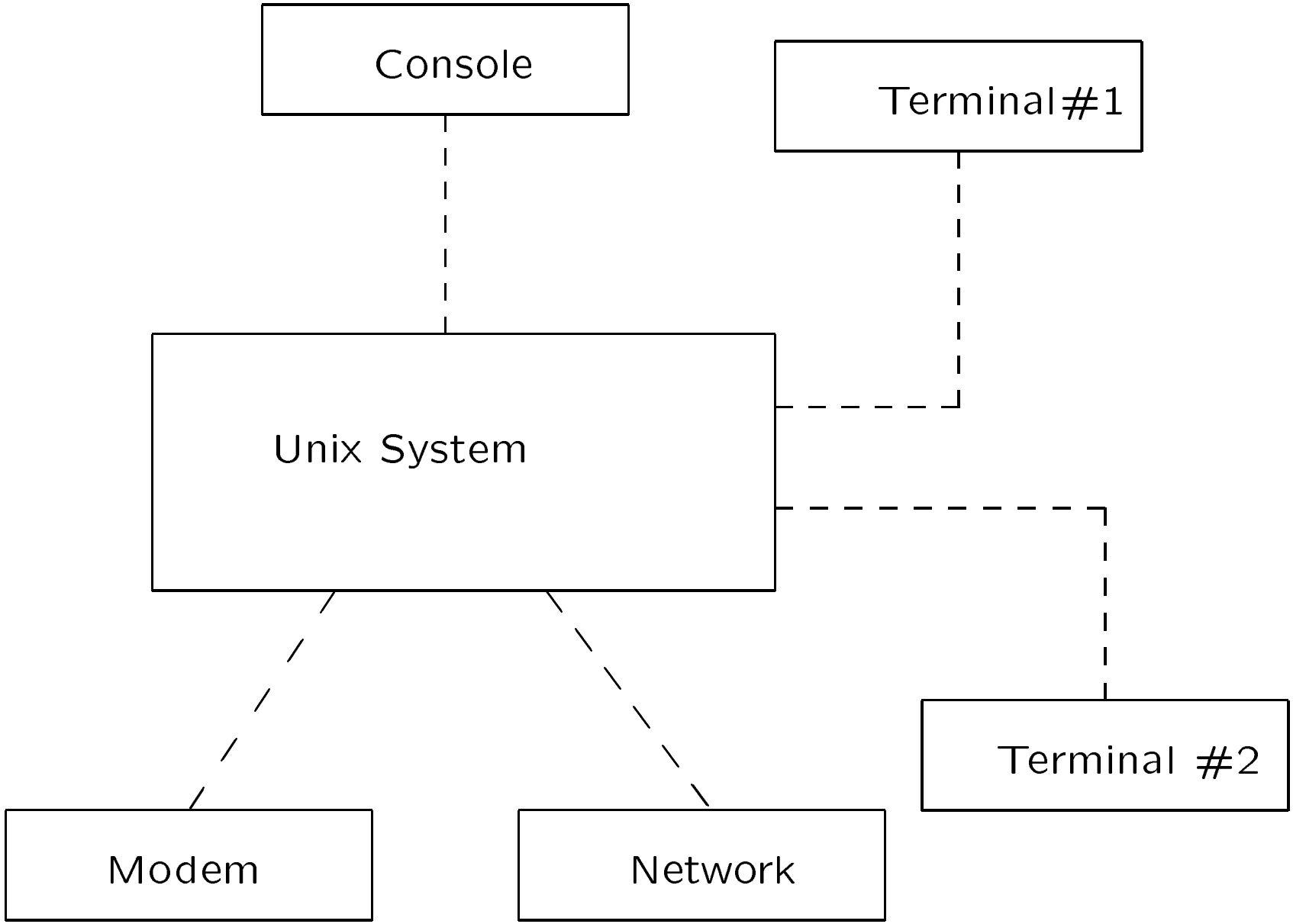
- lpr
- telnet
- nslookup
- email

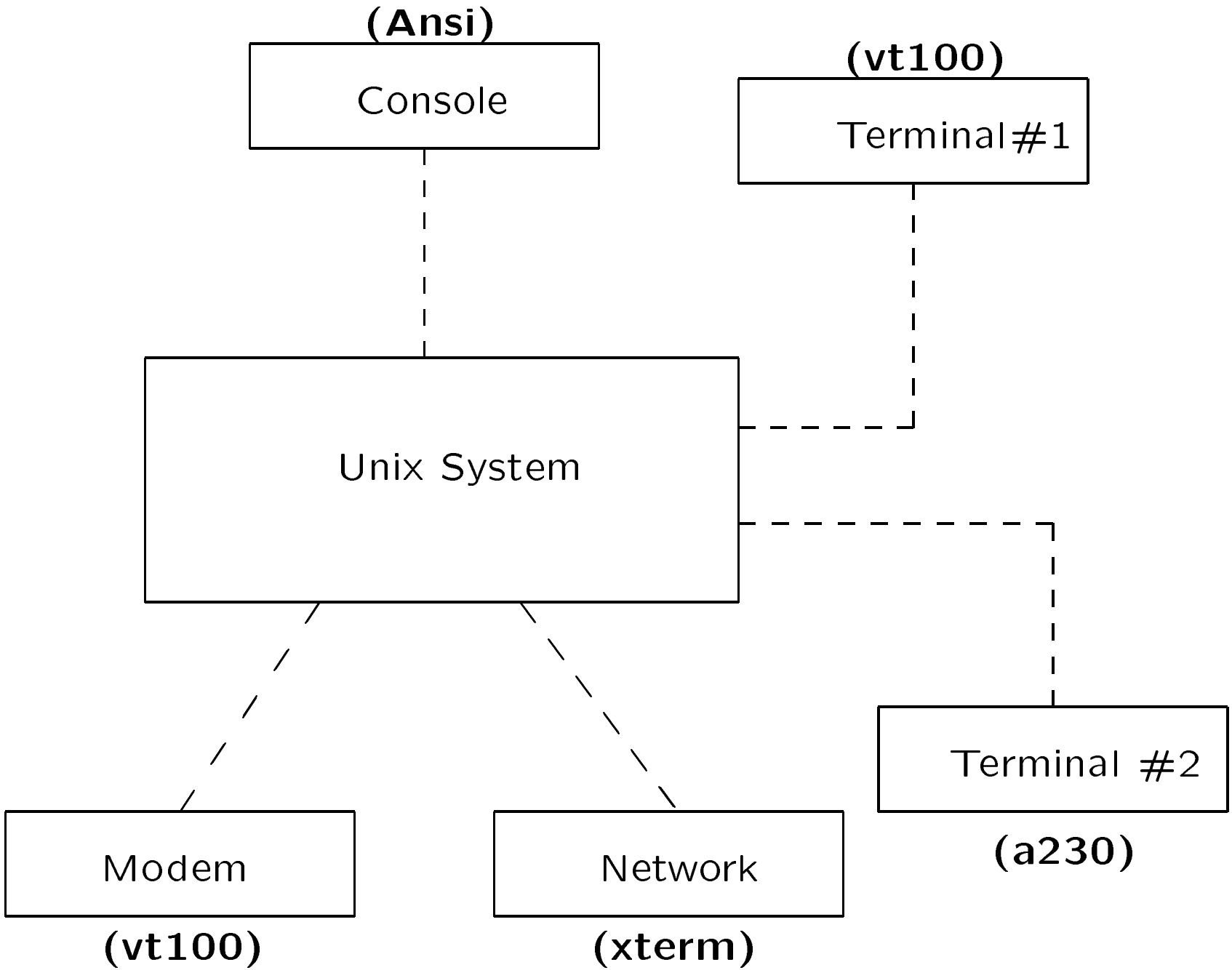
lpr - uses lpr and lpd, a client/server pair.

telnet - uses telnet/telnetd, a client server pair.

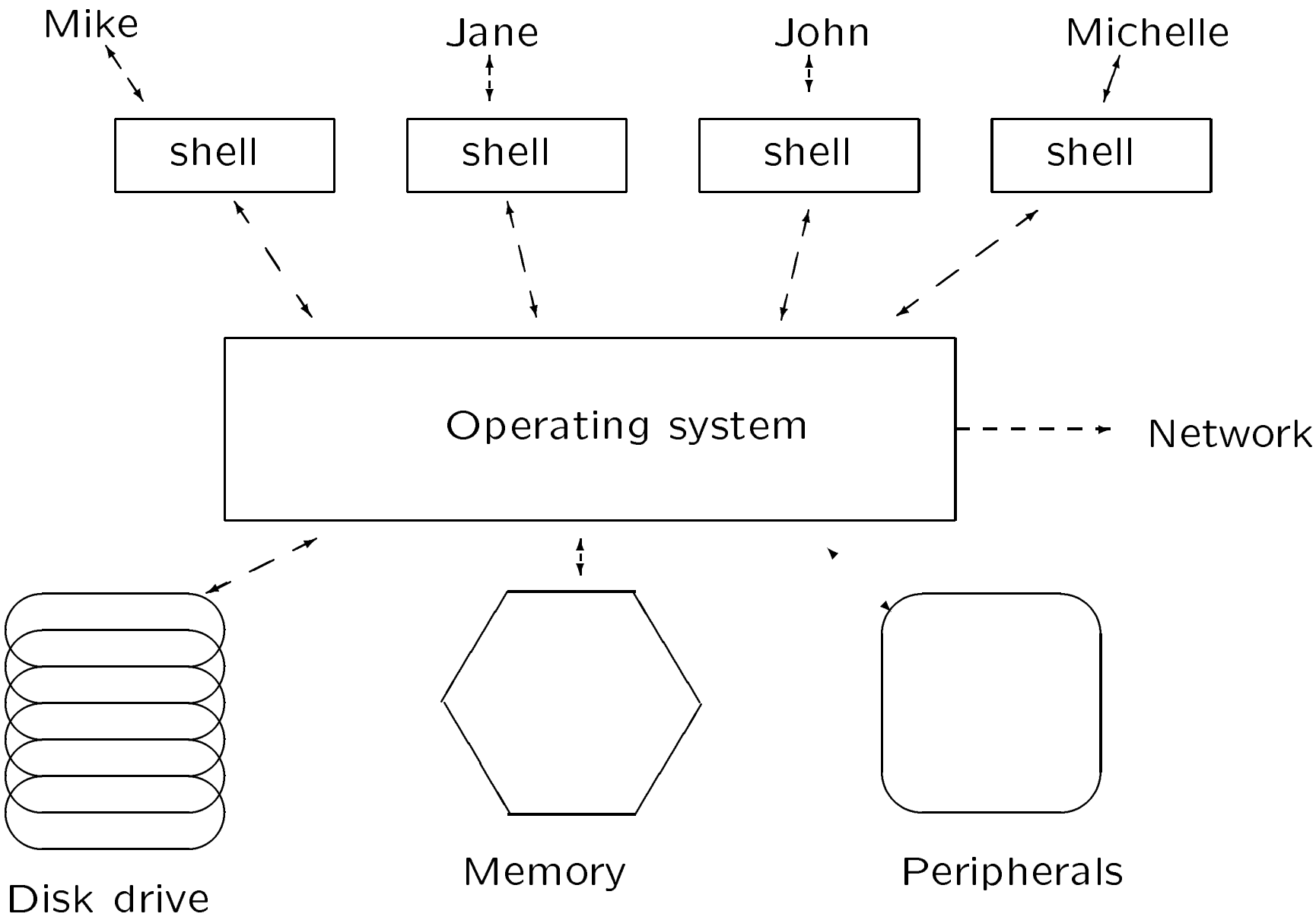
nslookup - uses nslookup/nameserver, a client/server pair


mike
eric
finger
finger
fingerd
fingerd
t2.mscf.uky.edu
franklin.ate.uky.edu


Console
Terminal#1
Unix System
Terminal #2
Modem
Network



Accessing a Unix system via different terminal types


Mike
Jane
John
Michelle
shell
shell
shell
shell
Operating system
Network
Disk drive
Memory
Peripherals

Terminal types

Since the Unix OS can be accessed in many ways, the system needs some way of knowing what *kind* of screen you are using.

```
pigpen login: chaney
Password:
Last login: Tue Feb  6 23:40:34 from franklin.ate.uky
Linux 1.2.8. (POSIX).
You have new mail.

pigpen:~$ echo $TERM
vt100
```

Setting up the TERM environment

```
pigpen:~$ TERM=xterm
pigpen:~$ export TERM
pigpen:~$ tset xterm
Erase set to backspace.
Kill is control-U (^U).
pigpen:~$
```