


## Test Your Tech

Navigation is:

- Following a series of links to locate specific information on the Web.
- Finding your uncle's mountain cabin in dense fog.
- Avoiding rush-hour traffic during the World Series.

1




## Test Your Tech

Navigation is:

- Following a series of links to locate specific information on the Web.
- Finding your uncle's mountain cabin in dense fog.
- Avoiding rush-hour traffic during the World Series.


2



## Announcements

- Due by today
  - \* Chapters 1-5 in *Fluency*
- For Monday
  - \* Read Chapter 6


3



*A little bit more*

## NETWORKING WRAP-UP


4



## Activity

- Dissecting URLs....
  - \* <http://224.127.199.8>
    - Physical IP address

5



## Networks


- Servers
  - \* Your own home computer
    - If you're sharing files with someone else
  - \* A single computer in a UW department
  - \* A cluster of many computers (Dante)
    - Server software distributes the "load" among the servers
    - Server "farm" is across campus

6



### SSH Secure File Transfer (SFTP)


- Copy files between two computers
- Use it at home or anywhere

### Why use SFTP?

Advantages:

- Secure, encrypted transfers
- Remote access from anywhere
- Network space (storage/backup)
  - \* Dante = 300MB
  - 1 CD-ROM ≈ 700MB
  - 1 DVD ≈
  - Single-sided: 4700GB (4.6GB)
  - Double-sided: 9400GB (9.2GB)



### What can I connect to?

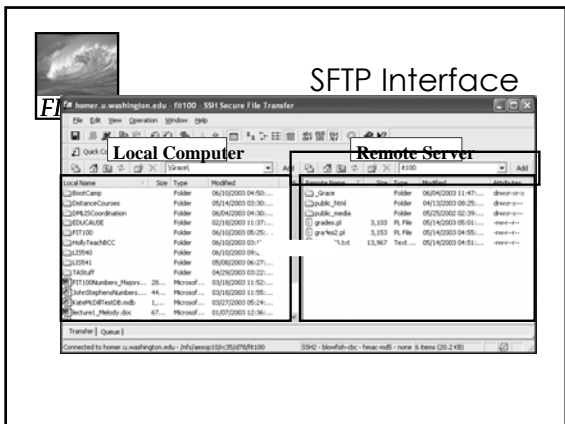
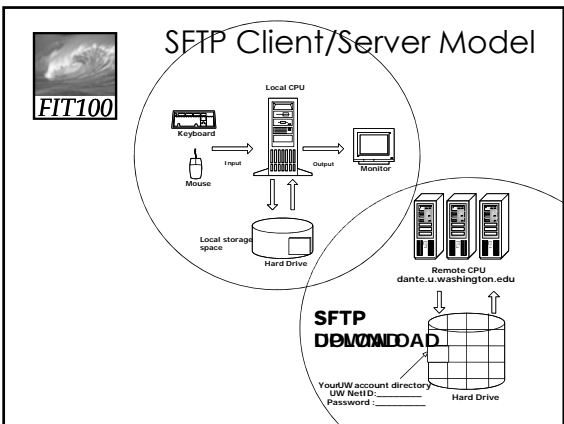
- UW SFTP Servers
  - \* dante.u.washington.edu for students
  - \* homer.u.washington.edu for faculty & staff
- Maybe your own ISP?




### SFTP Client/Server Model

Copy files to a server  
and  
access them from

- » Any computer!
- » Anywhere!






Video

- Warriors of the Net


13



One Liner

- One sentence
  - \* Most interesting part of the video


14



Quick Write

- Two paragraphs
- Five minutes
- Topic:
  - \* How does the World Wide Web use the Internet and the http protocol?

15



Announcements

- Chapter 6 for Monday
- Due before Noon
  - \* Labs 3 and 4
  - \* HW2

16