

# FTP Applications

## File Transfer Protocol

- Defines method for transferring files from one computer to another over a network
- Computer that stores files using this protocol is called an FTP server or FTP site

## Anonymous FTP

- Used by General Public to access files on a FTP server
- Anonymous entered as username, password usually e-mail address

## Popular FTP Programs

- Windows, WS\_FTP
- Shell based programs(Command-Line) FTP, UNIX & Windows
- Web Browsers
  - Type in URL (Uniform Resource Locator)
  - <ftp://ftp.oreilly.com/pub>
  - contents of FTP server look like table of contents with each file represented by icon and text name
  - click on file to download

## FTP Commands

- open <server name>
  - connects to a FTP server
  - <ftp.microsoft.com>
- get <remote file name> <local file name>
  - retrieves file from server(download)
- put <remote file name> <local file name>
  - sends file to server(upload)
- close or disconnect
  - ends ftp session, close connection to server
- bye or exit
  - ends ftp program
- cd <file name>
  - changes directory on server
- ls
  - list contents of current directory
- lcd
  - local change directory
- mkdir <directory name>
  - creates a directory
- pwd
  - prints name of working directory
- binary (image)

- file transferred will be in binary mode
  - no character conversion
    - ascii to EBCDIC
    - EBCDIC to ascii
  - Used to transfer executable file
  -
- ascii
  - default
  - character conversion
- delete <file name>
  - removes file from server