

# Directory Structure ◆root directory / ◆current directory . ◆Parent directory . ◆home directory ~

## **Moving Around**

- ♣cd /absolute/path
- ♣cd relative/path
- \*cd

# Directory and File Commands

- Find current directory: pwd
- List directory content: Is
  - list all files -a
  - list files in long format –l
- Copy files
  - cp file1 file2
  - cp file1 file2 dir
- Move/rename file
  - mv file1 file2
  - mv file1 file2 dir

#### Some Useful Commands

- Reference the manual pages
  - man <command>
- Create command aliases
  - alias dir="ls -IX"
- Update the timestamp of a file
  - touch <filename>
  - "touch" web.xml will trigger Tomcat to reload your application

#### **Choices of Editors**

- Console
  - vi, vim
  - emacs
  - pico
- With X Forwarding
  - gvim
  - xemacs
  - gedit
  - IDEs
    - Netbeans
    - Eclipse
    - KDevelop

## File Permissions

- Three categories of users:
  - owner, group, other
- Three privileges
  - read, write, execute

# File Permission Example

-- 1 cs320stu31 cs320stu31 

116 Sep 24 14:53 .mysql\_history

# Change File Permissions

♦ chmod

### .bashrc

- Executed every time you log into your account
- A good place to put some commands that help you set up your environment